WATER-QUALITY DATA FOR THE POTOMAC-RARITAN-MAGOTHY AQUIFER SYSTEM IN SOUTHWESTERN NEW JERSEY, 1923-83

By Thomas V. Fusillo, Joseph J. Hochreiter, Jr., and Deborah Grant Lord

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GLOSSARY

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

Micrograms per liter (UG/L, ug/L). A unit expressing the concentration of chemical constituents in solution as weight (micrograms[1 microgram = 10^{-6} grams]) of solute per unit volume (liter) of water. One thousand micrograms per liter is equivalent to one milligram per liter.

Milligrams per liter (mg/L). A unit for expressing the concentration of chemical constituents in solution as the weight (milligrams [1 milligram = 10^{-3} grams]) of solute per unit volume (liter) of water. One mg/L is approximately equal to 1 part per million (PPM) in aqueous solutions of low dissolved-solids concentration.

Minimum detection limit. For a given type of sample and analytical procedure, it is that concentration value below which the presence of the constituent being analyzed cannot be verified or denied. Minimum detection limits can be identified in the tables of this report by a less than symbol (<) preceding a numerical value. This numerical value is generally constant for the analysis of a given constituent by a constant method. The minimum detection limit may vary greatly, however, with different laboratory analytical methods.

National Geodetic Vertical Datum of 1929 (NGVD of 1929). A geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canda, formerly called "Mean Sea Level". NGVD of 1929 is referred to as sea level in this report.

Outcrop area. Area where strata are exposed at land surface or occur just below the surface soil.

Specific conductance. A measure of the ability of a water to conduct an electrical current expressed in micromhos per centimeter at 25°C. Because the specific conductance is related to the number and specific chemical types of ions in solution, it may be used for approximating the dissolved solids contents of the water. Commonly, the amount of dissolved solids (in milligrams per liter) is about 55 to 75 percent of the specific conductance (in micromhos per centimeter at 25°C) (Hem, 1970). This relation is not constant from well to well, and it may even vary in the same source with changes in the composition of the water.

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ABSTRACT

Water-quality data for wells in and near the outcrop area of the Potomac-Raritan-Magothy aquifer system in Mercer, Burlington, Camden, Gloucester, and Salem Counties, New Jersey, have been compiled for the period 1923-1983. The data were collected during various U.S. Geological Survey projects, including county-wide ground-water studies, the New Jersey saltwater intrusion monitoring network, and regional ground-water assessments.

Data have been collected from many types of wells, including public-supply, domestic-supply, industrial, commercial, irrigation, observation, and test wells. A table of well-construction data for all sampled wells is presented. Samples were analyzed for many inorganic and organic constituents, including common ions, dissolved trace metals, volatile organic compounds, and physical characeristics. Analytical procedures for most constituents have been periodically revised. A literature review of the sampling, preservation, and laboratory-analytical methods employed throughout the period is included. Quality assurance checks were performed on the data prior to publication. These included checks of the major ion balances, comparisons of field-determined and laboratory-determined constituents, comparisons of dissolved and total constituent concentrations, and ratios of various constituent concentrations to specific conductance.

Concentration of most constituents differed widely. For example, chloride concentrations ranged from 0.6 to 1,900 mg/L, with a median value of 20 mg/L; dissolved organic carbon ranged from 0 to 108 mg/L, with a median of 1.7 mg/L; dissolved iron ranged from 0 to 460 mg/L, with a median value of 1 mg/L.

INTRODUCTION

The Potomac-Raritan-Magothy aquifer system contains some of the most productive aquifers in the Atlantic Coastal Plain. The entire aquifer system accounts for more than 60 percent of the total pumpage from the Coastal Plain (Vowinkel and Foster, 1981). Increased withdrawal of water from the aquifer system resulting from industrial and residential growth has affected patterns of ground-water flow and aquifer recharge. In some areas, partic-

ularly the outcrop area along the Delaware River, the quality of water in the aquifer system has been degraded by a variety of inorganic and organic substances, affecting the potential uses of the water in some areas. Because of the importance of the aquifer system for potable and industrial water supply, it has been monitored for various forms of contamination for more than 60 years.

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 objective of the study is to investigate the areal and vertical distribution and movement of chemical constituents, particularly inorganic and organic contaminants, within the aquifer system.

Purpose and Scope

The purpose of this report is to compile into one publication all the pertinent and valid water-quality data for the aquifer system in parts of five counties in southwestern New Jersey, including Burlington, Camden, Gloucester, Mercer and Salem Counties (shown in figure 1). The study area extends from the outcrop of the aquifer system to approximately 15 miles southeast of the outcrop. The data include samples collected from public-supply, domestic, industrial commercial, irrigation, observation and test wells. These data have been collected for various projects, including county ground-water resource studies, the New Jersey saltwater instrusion monitoring network, and other water-resources investigations.

This report contains data on water samples collected and analyzed by the U.S. Geological Survey from 1923 to 1983. Prior to the establishment of regional water quality laboratories, water samples were analyzed by several local Survey laboratories, using methodologies that were standard at the time of analysis. Beginning about 1950, most analyses were performed at regional water quality laboratories in Albany, New York, Harrisburg and Philadelphia, Pennsylvania, and Denver, Colorado. However, many chloride analyses for the New Jersey saltwater intrusion network from the early 1960's through 1976 were performed at the New Jersey district laboratory in Trenton. Since November, 1976, most analyses have been performed by the National Water-Quality Laboratory in Doraville, Georgia.

Some of these data have been published in previous reports, including Fusillo and Voronin (1981), Farlekas and others (1976), Langmuir (1969), Hardt and Hilton (1969), Rosenau and others (1969), Rush (1968), Donsky (1963), Seaber (1963), Rush (1962), Vecchioli and Palmer (1962), and Thompson (1932).

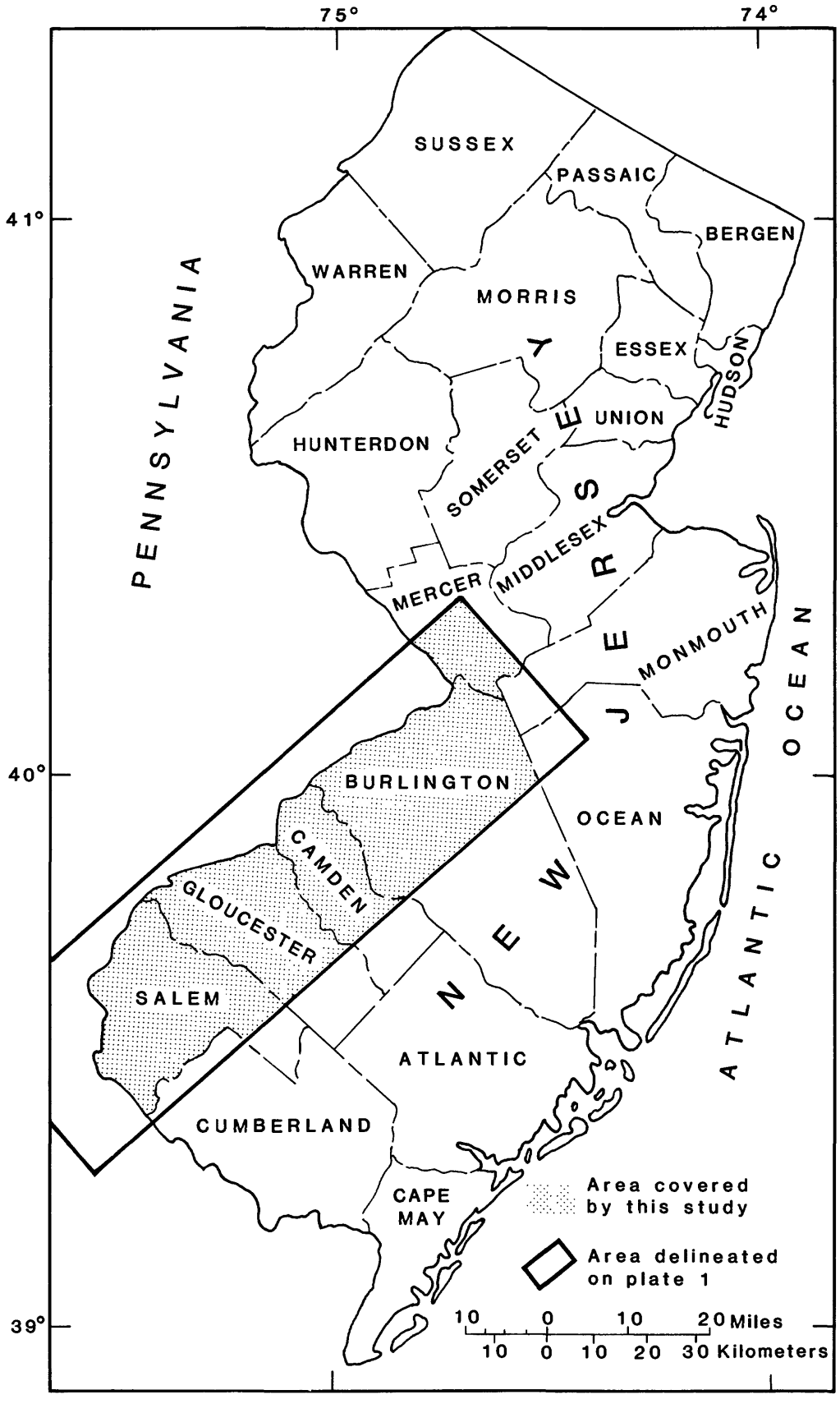

Figure 1.--Location of the study area.

Well-Numbering System

The well-numbering system used in this report are based on the system used by the U.S. Geological Survey in New Jersey. The well number consists of the county designation and a sequence number of the well within each 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). A representative well number is 15-137 for the 137th well indexed in Gloucester County.

Acknowledgments

The authors gratefully acknowledge the assistance of public officials, industry representatives, and individuals who permitted access to their wells for the collection of water samples and provided information on their wells.

GEOHYDROLOGY

The New Jersey Coastal Plain consists of a wedge of unconsolidated sediments which thickens and dips toward the Atlantic Ocean. The oldest of these sediments are the Potomac Group and Raritan and Magothy Formations of Cretaceous age, which overlie crystalline bedrock.

The Potomac-Raritan-Magothy aquifer system consists of aquifers composed of sand and gravel and confining units of silt and clay. The aquifer system crops out in a narrow 3-to-5 mile-wide band adjacent to the Delaware River in southwestern New Jersey. Three major aquifers have been defined within the aquifer system in most of the study area. A typical hydrogeologic section through the study area is illustrated in figure 2 (written communication, Otto S. Zapecza, U.S. Geological Survey, 1983).

The aquifer system is confined from below by crystalline bedrock and from above by the thick clay of Merchantville-Woodbury confining unit. The Merchantville-Woodbury confining unit is one of the least permeable confining units in the New Jersey Coastal Plain and limits vertical leakage into the aquifer system from overlying sediments southeast of the outcrop area.

The Potomac-Raritan-Magothy aquifer system is artesian, except in parts of the outcrop area, where the upper and middle aquifers are water-table aquifers. In New Jersey, the lower aquifer is thought to be confined but, in Pennsylvania, may be a water-table aquifer. The lower aquifer may also receive recharge vertically through the leaky confining unit between the middle and lower aquifer. Potentiometric heads in the middle and lower aquifers are similar in much of the Coastal Plain and are generally lower than potentiometric heads in the upper aquifer (Walker, 1983).

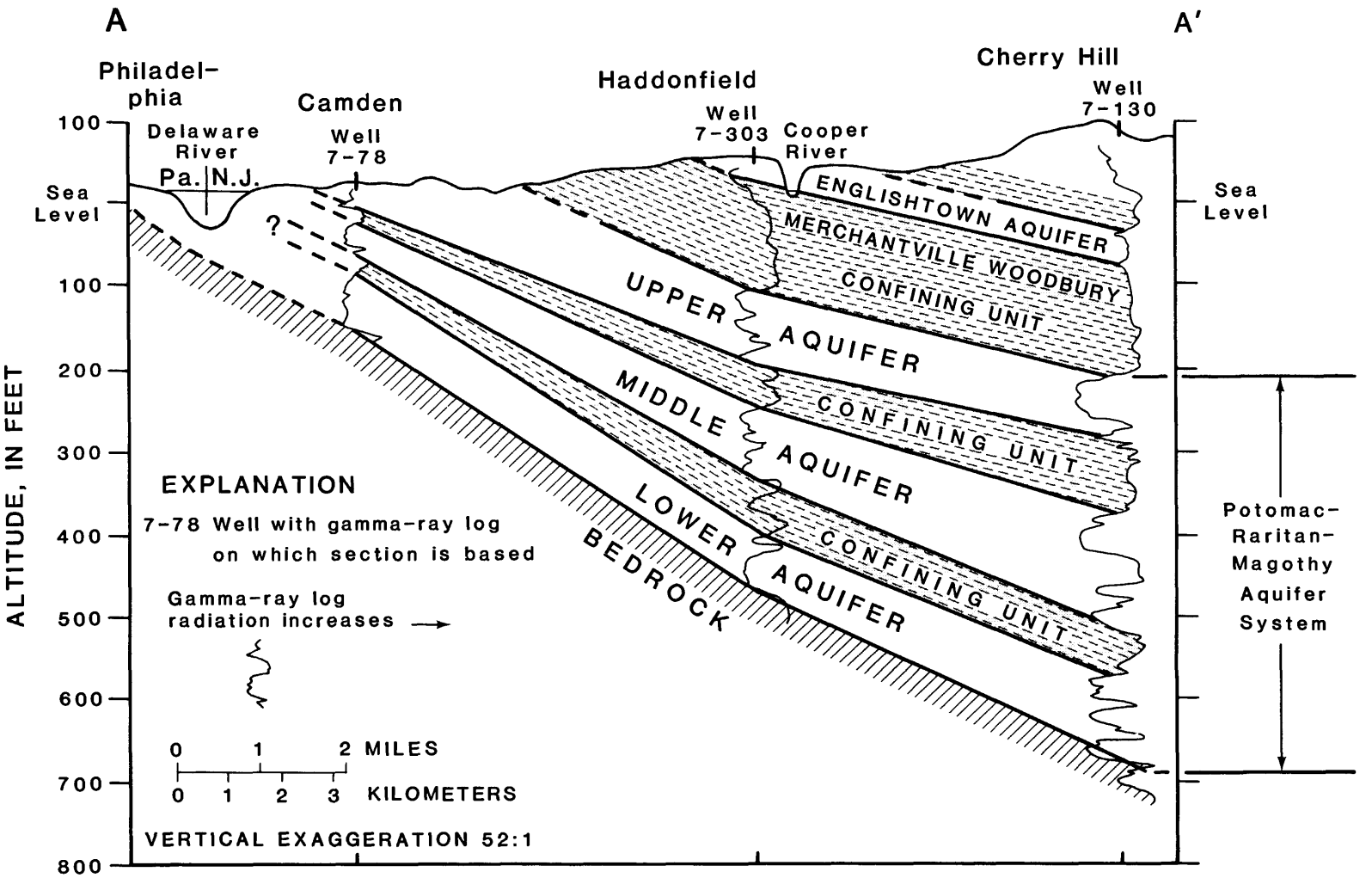

Figure 2.--Hydrogeologic section through study area.
Line of section shown on Plate 1.

The geohydrology is more complex within the outcrop area than downdip of the outcrop. In the outcrop area, the confining units are thinner, so that hydraulic connection between aquifers is more likely. There are also numerous lenses of sand and clay which occur locally. In much of its outcrop area, the Cretaceous aquifer system is overlain by post-Cretaceous deposits, most of which are hydraulically connected to the underlying aquifer system.

Evaluation of aquifer tests of wells screened in the Potomac-Raritan-Magothy aquifer system in Camden County indicates that the transmissivity of the aquifer ranges from 2,300 to 6,700 ft^2/day (17,000 to 50,000 gal/d/ft). Storage coefficients range from $1x10^{-4}$ to $3.5x10^{-3}$. In Camden County the average yield of 106 large diameter wells (12 inches or larger) is 1,085 gal/min and the specific capacity ranges from 6.1 to 80 gal/min/ft of drawdown. (Farlekas and others, 1976, p. 38).

SAMPLE COLLECTION AND PRESERVATION METHODS

The methods used to collect and preserve the ground-water samples included in this report have changed significantly for most chemical constituents from 1923 to 1983. This section of the report will review the chronology of sample collection and preservation methods used during this period.

The methods used for collection and preservation of ground-water samples prior to 1950 are not well documented. Leighton (1905) described the instruments and reagents used for early field determinations of turbidity, color, hardness, alkalinity, carbonate, bicarbonate, calcium, iron, sulfate, and chloride. Samples collected at this time were filtered in the field through porous stone to remove suspended material.

Collins (1928), the major reference on sample collection methods used prior to 1950, stated that water samples were collected in bottles of "resistant glass", and a gallon of sample was usually collected. He stated that samples should be analyzed within a month of collection. Water that contained hydrogen sulfide was treated with solid cadmium chloride in order to obtain a reliable sulfate measurement; however, no additional sample preservation methods were discussed.

Rainwater and Thatcher (1960) described methods commonly used from 1950 to 1969. They recommended that sample containers be made of hard rubber, polyethylene, other types of plastics, or certain types of borosilicate glass. Sample containers were cleaned and soaked in water for several days before use. A sample of four ounces to one gallon in size was collected. Closures were made of glass, rubber, tin-wrapped cork, or inert plastic.

Rainwater and Thatcher (1960) recommended that very little time should lapse between the collection and analysis of samples. For analyses of metals, however, they acknowledged that this was often a problem because of the distance separating sampling locations and water-quality laboratories. They recommended that a separate sample be collected for metals, which should be free of sediment and acidified with glacial acetic acid to pH 3.5 upon collection. They described preservation techniques for the following constituents: Ammonia-, nitrate-, and nitrite-nitrogen, organic nitrogen, orthophosphate, chlorine residual, dissolved oxygen, sulfide, and selenium.

Brown and others (1970) summarized information on methods for collection of water samples for dissolved minerals and gases. They recommended the use of polyethylene, teflon, or other plastic type containers. They stated that separate samples should be collected for individual ions or ion groups so that the analysis would more closely represent the water quality of the sample at the time of collection. A thorough treatment of sample preparation and preservation guidelines for common inorganic constituents was also included.

Barnett and Mallory (1971) describe sampling methods for analysis of minor elements (trace metals). They recommended that samples be collected in clean polyethlylene bottles, filtered through a 0.45 micrometer membrane filter using a plastic pressure-filter, and acidified to a pH of 3.0 or less with 1:1 double-distilled acid (nitric or hydrochloric acid, depending on the method of analysis). A two-liter sample was to be collected for water with dissolved solids greater than 100, and proportionately more sample was collected for water with dissolved solids less than 100 mg/L.

Goerlitz and Brown (1972) described collection methods for the analysis of select organic substances (organic carbon and organic nitrogen). Water should be sampled using inert plastic materials, and samples should be collected in glass bottles. They state that water may be sampled from pumps, provided that they are free of oils. In such instances, samples should be collected directly into the sample bottles. Samples for organic carbon analysis are preserved by refrigeration at 4°C. Samples for nitrogen analysis should be treated with 40 mg of mercuric chloride per liter of sample and refrigerated at 4°C.

Wood (1976) described guidelines for collection of groundwater samples for analysis of selected unstable constituents and characteristics, including temperature, pH, Eh, specific conductance, carbonate, bicarbonate, and dissolved oxygen. Procedures are outlined for the proper collection of samples from observation wells that would yield representative ground-water samples.

Claassen (1982) described guidelines for collecting water samples that are representative of the chemistry of an aquifer. He describes the effects of well construction and completion

techniques on the sample chemistry. He also reviews the types of pumps and their effects on sample chemistry.

The sample collection and preservation methods outlined by Brown and others (1970), Goerlitz and Brown (1972) and Wood (1976) with subsequent refinements are the basis for current Survey policy for their respective analytical groups. U.S. Geological Survey sample collection and preservation procedures are continually reviewed, and updates are distributed as technical memoranda.

LABORATORY ANALYTICAL METHODS

The laboratory analytical methods used to obtain the data included in this report have undergone even more significant changes from 1923 to 1983 than have sample collection and preservation methods. This section will briefly review the chronology of references on laboratory analysis methods used during this period.

Durum (1978) presented a profile of water-quality laboratories in the U.S. Geological Survey from 1879 to 1973. Following is an account of the major references documenting methods for laboratory analysis of water samples between the years 1918 and 1950 (Durum, 1978).

Collins and Foster (1923) described methods used during the first half of the twentieth century to analyze for alkalinity, hardness, calcium, chloride, sulfate, and nitrate in water. Collins (1928) later described methodology for analyzing water samples for some inorganic constituents and characteristics, including turbidity, color, total dissolved solids, silica, calcium, magnesium, sodium, potassium, iron, aluminum, manganese, and sulfate.

In 1950, an unpublished text titled "Methods of water analysis" was compiled in an effort to standardize U.S. Geological Survey laboratory methods. A revised edition, by Rainwater and Thatcher was published in 1960. These two publications were referenced extensively between 1950 and 1969 for the analysis of inorganic constituents.

Haffty (1960) described methods for analyzing common trace elements, and Barnett and Mallory (1971) documented the determination of minor elements by emission spectroscopy. Procedures outlined in these two sources were used primarily from 1956 to 1973.

Brown and others (1970) compiled methods for analysis of dissolved minerals and gases. Fishman and Brown (1976) described selected methods for the analysis of waste waters. Skougstad and others (1979) listed methods which supercede both of these

publications. Since 1979, some inorganic constituents (calcium, magnesium, sodium, silica and 13 trace metals) have been analyzed by induction-coupled plasma atomic-emission spectrometry (Garbarino and Taylor, 1979).

Methods for analyzing organic substances such as organic carbon and organic nitrogen, phenols, pesticides and herbicides in water samples are described by Goerlitz and Brown (1972) and Van Hall and others (1963). These methods have been updated and superseded by Wershaw and others (1983), who also include analytical methods for purgeable and extractable organic compounds.

QUALITY ASSURANCE OF DATA

All water-quality data included in this report were analyzed in U.S. Geological Survey laboratories and were subject to the standard laboratory quality assurance procedures in effect at the time of analysis. As a check that the data were properly reported and stored in the computerized WATSTORE data base, several quality assurance checks were performed. As described by Friedman and Erdmann (1982) and Hem (1970), the checks for each analysis included the following:

1. The ion balance between major cations and anions.
2. The ratio of dissolved solids to specific conductance.
3. Field-determined vs. lab-determined constituents and characteristics.
4. The ratios of total cations and total anions to specific conductance.
5. Dissolved vs. total constituent concentrations.
6. Measured dissolved solids vs. calculated sum of constituents.

An additional requirement was the existence of a verifiable baseline of information, which included location and construction specifications, for each well from which sample data were obtained. Updates and deletions of data were made based on an evaluation of these factors.

WATER-QUALITY DATA

This report contains water-quality data representing samples from 519 wells located in five New Jersey counties. The locations of wells are shown on plate 1. Selected well-construction

data are listed in table 1. To simplify locating the wells on plate 1, an index key has been included in table 1 which relates the location of each well to the index grid shown around the border of plate 1.

The data in this report have been grouped by constituent type, so that constituents which are commonly analyzed together are found in the same table. Table 2 is a statistical summary of these data, and includes the minimum, median and maximum values and the number of analyses for each constituent. Summaries of all the water-quality constituents and characteristics included in this report are in table 2, with the exception of the volatile organic compounds.

Table 2.--Minimum, median, and maximum values of physical characteristics and chemical constituents.
[Concentrations in milligrams per liter of dissolved constituent except as noted.]

Parameter	Number of samples	Minimum	Median	Maximum
Temperature (°C)	860	8.9	14.5	24.0
Specific Conductance, field (µmhos)	668	39	350	5,820
Specific Conductance, lab (µmhos)	1,600	32	307	6,000
pH, field (units)	452	3.9	6.7	8.9
pH, lab (units)	744	2.8	6.9	9.4
Alkalinity, field (as $CaCO_3$)	421	0	75	1,580
Alkalinity, lab (as $CaCO_3$)	382	0	54	315
Dissolved oxygen	137	0	0.3	10.4
Hardness (as $CaCO_3$)	1,004	0	55	570
Hardness, noncarbonate (as $CaCO_3$)	990	0	2	569
Sodium	951	1.4	12	1,000
Potassium	940	.1	4.1	100
Calcium	971	.1	15	160
Magnesium	967	.1	4.4	100
Sulfate	1,034	0	17	1,700
Chloride	2,359	.6	20	1,900
Fluoride	685	0	0.1	6.2
Silica	965	0	9.1	53
Nitrate nitrogen (as N)	365	0	0.18	18
Nitrate nitrogen (as NO_3)	575	0	0.6	198
Ammonia nitrogen (as N)	147	<.01	0.25	25
Ammonia nitrogen (as NH_4)	146	.01	0.32	32
Ammonia and organic nitrogen (as N)	147	<.1	0.5	28
Nitrate and nitrite nitrogen (as N)	394	0	0.1	18
Orthophosphate phosphorus (as P)	516	0	0.06	3.2
Iron, total (µg/L)	523	0	1000	171,000
Iron, dissolved (µl/L)	479	0	1000	460,000
Manganese, total (µg/L)	482	0	80	24,000
Manganese, dissolved (µg/L)	477	0	77	15,000
Aluminum (µg/L)	193	0	100	18,000
Arsenic (µg/L)	160	<1	<1	11
Barium (µg/L)	260	0	70	410
Beryllium (µg/L)	259	<.3	<1	8
Cadmium (µg/L)	276	0	2	120
Cobalt (µg/L)	275	0	<3	280
Copper (µg/L)	278	0	<10	930
Chromium (µg/L)	171	0	<10	880
Chromium, hexavalent (µg/L)	148	<1	<1	130
Lead (µg/L)	263	0	<10	47
Lithium (µg/L)	270	0	7	200
Molybdenum (µg/L)	257	.5	<10	60
Strontium (µg/L)	270	<1	325	4,400
Vanadium (µg/L)	257	2	<6	20
Zinc (µg/L)	282	0	12	1,700
Dissolved organic carbon	409	0	1.4	108
Dissolved solids (residue on evaporation at 180°C)	973	25	136	3,910
Dissolved solids (sum of constituents)	945	26	132	3,220

Table 3 contains data on common inorganic ions and physical characteristics, including:

temperature	sodium	sulfate
specific conductance	potassium	fluoride
pH	calcium	iron
alkalinity	magnesium	manganese
dissolved oxygen	silica	dissolved organic carbon
hardness	chloride	dissolved solids

Table 4 contains data on dissolved trace metals, including:

aluminium	chromium	lithium
arsenic	hexavalent chromium	molybdenum
barium	cobalt	strontium
beryllium	copper	vanadium
cadmium	lead	zinc

Table 5 contains data on dissolved nutrients, including:

nitrate nitrogen	ammonia nitrogen
nitrate and nitrite nitrogen	orthophosphate
ammonia and organic nitrogen	

Table 6 contains data on volatile organic compounds, including:

benzene	methylene chloride
1,1-dichloroethane	tetrachloroethylene
1,2-dichloroethane	1,1,1-trichloroethane
1,1-dichloroethylene	1,1,2-trichloroethane
1,2-trans-dichloroethylene	trichloroethylene
chlorobenzene	toluene
ethylbenzene	vinyl chloride
carbon tetrachloride	1,2-dichloropropane

Table 7 contains data on specific conductance and dissolved chloride for selected wells which have been sampled as part of the saltwater intrusion monitoring network or have been sampled for analysis of chloride only.

SUMMARY OF DATA

All the chemical constituents and physical characteristics measured in water samples from wells in the Potomac-Raritan-Magothy aquifer system exhibited a great deal of variability. Dissolved chloride, the most frequently analyzed chemical constitient with 2,359 analyses, ranged from 0.6 to 1,900 mg/L with a median of 20 mg/L. Laboratory-measured specific conductance, with 1,600 measurements, ranged from 32 to 6,000 µmhos, with a median of 307 µmhos. Dissolved sulfate, with 1,034

analyses, ranged from 0 to 1,700 mg/L, with a median of 17 mg/L. Dissolved iron ranged from 0 to 460,000 µg/L, with a median of 1,000 µg/L. Dissolved organic carbon ranged from 0 to 108 mg/L, with a median of 1.4 mg/L. Dissolved nitrate nitrogen ranged from 0 to 18 mg/L, with a median of 0.18 mg/L.

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TABLE 1.--RECORDS OF SELECTED WELLS.

Well Number	Local Well Identifier	Municipality	Index for Plate 1	Altitude of Land Surface[1] (ft)	Screen Setting[2] (ft)	Screen Diameter (in)	Year Drilled	Aquifer Unit[3]	Use of Site[4]	Use of Water[5]
5- 39	NJ WC-DEL VALLEY WC 15	BEVERLY CITY	B-13	19	47- 57	12	1951	MRPA-M	W	P
5- 40	NJ WC-DEL VALLEY WC 16	BEVERLY CITY	B-13	18	39- 51	12	1910	MRPA-M	W	P
5- 41	NJ WC-DEL VALLEY WC 2	BEVERLY CITY	B-13	15	60**	6	1910	HPPM	Z	U
5- 43	OCEAN SPRAY 1	BORDENTOWN CITY	C-16	51	247- 267	10	1964	MRPA-M	W	N
5- 45	SANDMAN MOTEL 1	BORDENTOWN TWP	C-15	85	170-			MRPA-U	W	H
5- 48	NJ DEPT DEF-NAT GUARD 1	BORDENTOWN TWP	C-15	83	230**	6	1952	MRPA-M	W	H
5- 51	BURLINGTON CITY WD 3	BURLINGTON CITY	B-13	9	64- 85	16	1949	MRPA-M	W	P
5- 55	BURLINGTON CITY WD 6	BURLINGTON CITY	B-14	23	33- 49	17	1967	MRPA-M	W	P
5- 63	WILLINGBORO MUA 1-OBS	BURLINGTON TWP	C-13	45.5	279- 294	6	1965	MRPA-M	O	U
5- 67	DEACON, RUSSELL 1	BURLINGTON TWP	C-13	62	203- 208	3	1958	MRPA-U	Z	U
5- 76	HEAL, CHARLES	BURLINGTON TWP	C-13	50	59- 80	8	1955	MRPA-U	W	I
5- 77	BURLINGTON TWP WD 1-1973	BURLINGTON TWP	C-13	80	123- 165	12	1973	MRPA-U	W	P
5- 86	TENNECO CHEM 5	BURLINGTON TWP	B-13	18	102- 132	12	1964	MRPA-M	W	N
5- 87	TENNECO CHEM 5-OBS	BURLINGTON TWP	B-13	14	50- 60	6	1961	MRPA-M	O	U
5- 89	TENNECO CHEM 7	BURLINGTON TWP	B-13	10	100- 130	12	1971	MRPA-M	W	N
5- 91	TENNECO CHEM 4	BURLINGTON TWP	B-13	14	82- 112	12	1964	MRPA-M	W	N
5- 92	TENNECO CHEM 1	BURLINGTON TWP	B-13	10	87- 117	12	1962	MRPA-M	W	N
5- 94	TENNECO CHEM 3	BURLINGTON TWP	B-13	7	97- 122	12	1962	MRPA-M	W	N
5- 97	HERCLUES POWDER 1	BURLINGTON TWP	B-14	22	105- 135	10	1946	MRPA-M	W	N
5- 100	HERCULES POWDER 2	BURLINGTON TWP	B-14	22	105- 135	10	1946	MRPA-M	W	N
5- 102	COLUMBUS METAL 1	BURLINGTON TWP	C-14	40	140- 145	4	1970	MRPA-M	W	I
5- 105	HOOKER CHEM CO-PROD 1	BURLINGTON TWP	B-14	33	172- 192	6	1966	MRPA-M	W	N
5- 117	GRAY,FRANCIS 1	CHESTERFIELD TWP	D-16	92	319- 325	6	1960	MRPA-U	W	H
5- 118	LIPTAK,E A 1	CHESTERFIELD TWP	C-16	114	208- 214	4	1957	MRPA-U	W	H
5- 121	NJ STATE REFORMATORY 4	CHESTERFIELD TWP	C-16	97	357- 387	8	1951	MRPA-M	W	T
5- 123	NJ WC-DEL VALLEY WC 28	CINNAMINSON TWP	B-11	30	226- 261	12	1969	MRPA-L	W	P
5- 126	NJ WC-DEL VALLEY WC 12	CINNAMINSON TWP	B-11	73	157- 196*	10	1961	MRPA-M	U	U
5- 127	NJ WC-DEL VALLEY WC 14	CINNAMINSON TWP	B-12	35	179- 229	12	1964	MRPA-M	W	P
5- 130	NJ WC-DEL VALLEY WC 13	CINNAMINSON TWP	B-11	65	167- 198	12	1963	MRPA-M	W	P
5- 137	TAYLOR 2 OBS	CINNAMINSON TWP	B-12	14	20- 25	6	1963	MRPA	O	U
5- 139	HOLIDAY LAKE WORTHINGTON	DELANCO TWP	B-12	25	188- 198	8	1958	MRPA-M	W	H
5- 140	CHANT, HARRY	DELANCO TWP	B-12	22	140- 155	6	1965	MRPA-M	W	I
5- 143	NJ WC-DEL VALLEY WC 23	DELRAN TWP	B-12	36	118- 168	12	1964	MRPA-M	W	P
5- 144	NJ WC-DEL VALLEY WC 24	DELRAN TWP	B-12	30	105- 135	12	1966	MRPA-M	W	P
5- 162	DAYMENN CONVERTING	EDGEWATER PK TWP	B-13	38	41- 61	16	1955	MRPA-M	W	N
5- 167	EVESHAM MUA 5	EVESHAM TWP	E-11	50	458- 548	12	1973	MRPA-U	W	P
5- 170	EVESHAM MUA 1	EVESHAM TWP	D-11	89	369- 389	8	1956	MRPA-U	W	P
5- 171	EVESHAM MUA 2	EVESHAM TWP	D-11	100	405- 435	8	1963	MRPA-U	W	P
5- 180	WORKMAN,JAMES 1	FLORENCE TWP	C-14	41	170- 194	10	1951	MRPA-M	W	I
5- 184	HUNT BROS CIRCUS	FLORENCE TWP	C-14	42	190**	4		MRPA-M	W	C
5- 185	SHERWATT EQUIPMENT 1	FLORENCE TWP	C-15	15	111- 121	6	1957	MRPA-M	W	N
5- 189	FLORENCE TWP WD 2	FLORENCE TWP	B-14	30	105- 120*	18	1931	MRPA-M	W	P
5- 190	FLORENCE TWP WD 1	FLORENCE TWP	B-14	30	99- 119	18	1931	MRPA-M	W	P
5- 192	FRED WORTH AND SONS 1	HAINESPORT TWP	D-12	30	277- 317	8	1949	MRPA-U	Z	U
5- 201	ACACIA LUMBERTON MANOR	LUMBERTON TWP	D-13	35	401**	8	1973	MRPA-U	W	F
5- 208	COLUMBUS WC 2	MANSFIELD TWP	D-15	73	240- 260	8	1943	MRPA-U	W	P
5- 209	COLUMBUS WC-TEST 1969	MANSFIELD TWP	D-15	73	259- 274	10	1969	MRPA-U	W	P
5- 212	N BURL CO HIGH SCHOOL 1	MANSFIELD TWP	D-15	83	290- 310	6	1959	MRPA-U	W	T
5- 214	WALDER, THOMAS	MANSFIELD TWP	C-15	60	319**			MRPA-M	W	I
5- 217	TRNPKE JCT IND PARK 1	MANSFIELD TWP	C-15	60	293- 315*	10	1958	MRPA-M	W	N
5- 228	MAPLE SHADE WD10	MAPLE SHADE TWP	C-11	40	440- 500	12	1975	MRPA-L	W	P
5- 229	MAPLE SHADE WD 9	MAPLE SHADE TWP	C-11	40	160- 200	12	1975	MRPA-U	W	P
5- 231	MAPLE SHADE WD 5	MAPLE SHADE TWP	C-11	20	414- 494	8	1961	MRPA-L	W	P
5- 232	MAPLE SHADE WD 8	MAPLE SHADE TWP	C-11	20	210- 270	12	1972	MRPA-M	W	P
5- 233	MAPLE SHADE WD 4	MAPLE SHADE TWP	C-11	10	211- 272	12	1955	MRPA-M	W	P
5- 251	MEDFORD WC 4	MEDFORD TWP	E-12	49	506- 536	12	1968	MRPA-U	W	P
5- 252	MEDFORD WC 3	MEDFORD TWP	E-12	48	506- 536	8	1957	MRPA-U	W	P
5- 258	USGS-MEDFORD 1 OBS	MEDFORD TWP	D-12	70.8	400- 410	6	1963	MRPA-U	O	U
5- 261	USGS-MEDFORD 5 OBS	MEDFORD TWP	D-12	72.6	740- 750	6	1967	MRPA-M	O	U
5- 262	USGS-MEDFORD 4 OBS	MEDFORD TWP	D-12	72.3	1125-1145	6	1967	MRPA-L	O	U
5- 265	MOORESTOWN TWP WD 6	MOORESTOWN TWP	C-11	42	248- 288	12	1963	MRPA-M	W	P
5- 268	PRICE BLDRS-LAYNE NY 1	MOORESTOWN TWP	C-11	70	288**		1960	MRPA-M	W	N
5- 273	MOORESTOWN FIELD CLUB 1	MOORESTOWN TWP	C-12	70	274- 302	6	1964	MRPA-M	W	I
5- 274	CAMPBELL SOUP 1 OBS	MOORESTOWN TWP	C-11	40	241- 262	10	1958	MRPA-M	O	U
5- 277	CAMPBELL SOUP 3	MOORESTOWN TWP	C-11	40	339- 369	10	1971	MRPA-L	W	A

TABLE 1.--RECORDS OF SELECTED WELLS.--Continued.

Well Number	Local Well Identifier	Municipality	Index for Plate 1	Altitude of Land Surface[1] (ft)	Screen Setting[2] (ft)	Screen Diameter (in)	Year Drilled	Aquifer Unit[3]	Use of Site[4]	Use of Water[5]
5- 283	MOORESTOWN TWP WD 8	MOORESTOWN TWP	C-12	65	282- 332	12	1969	MRPA-M	W	P
5- 284	MOORESTOWN TWP WD 4	MOORESTOWN TWP	C-12	59	298- 338	12	1959	MRPA-M	W	P
5- 289	MT HOLLY WC 3	MOUNT HOLLY TWP	D-13	19	316- 346	10	1953	MRPA-U	W	P
5- 290	MT HOLLY WC 6	MOUNT HOLLY TWP	D-13	15	530- 600#	10	1973	MRPA-M	W	P
5- 292	MT HOLLY WC 7	MOUNT HOLLY TWP	D-13	60	413- 524#	10	1976	MRPA-M	W	P
5- 301	FELLOWSHIP MOTOR LODGE	MOUNT LAUREL TWP	C-11	71	235- 255	8	1962	MRPA-U	W	I
5- 303	MT LAUREL MUA 1	MOUNT LAUREL TWP	C-11	20	558- 589	8	1961	MRPA-L	W	P
5- 304	MT LAUREL MUA 2	MOUNT LAUREL TWP	C-11	20	362- 399#	8	1965	MRPA-M	W	P
5- 310	NJ TURNPIKE AUTH-MAINT 2	MOUNT LAUREL TWP	C-12	40	120- 160	3	1952	MRPA-U	W	C
5- 313	HAINES,WILLIAM JR-FARM 2	MOUNT LAUREL TWP	C-12	25	203- 238	8	1967	MRPA-U	W	I
5- 317	NJ TURNPIKE AUTH 4N-1	MOUNT LAUREL TWP	C-12	45	192- 222	8	1951	MRPA-U	W	C
5- 322	RANCOCAS WOODS WC 1	MOUNT LAUREL TWP	C-12	50	237- 248	6	1954	MRPA-U	Z	U
5- 324	MT LAUREL MUA 3	MOUNT LAUREL TWP	D-11	40	592- 642	12	1973	MRPA-L	W	P
5- 325	MT LAUREL MUA 4	MOUNT LAUREL TWP	D-11	35	590- 640	12	1973	MRPA-L	W	P
5- 330	US ARMY-FT DIX 4	NEW HANOVER TWP	E-15	140	1056-1086	10	1943	MRPA-L	W	T
5- 331	US ARMY-FT DIX 1	NEW HANOVER TWP	E-15	138	916- 960	10	1941	MRPA-M	W	T
5- 332	US ARMY-FT DIX 5	NEW HANOVER TWP	E-15	150	1064-1104	10	1969	MRPA-L	T	U
5- 333	US ARMY-FT DIX 2	NEW HANOVER TWP	E-15	131	1030-1051	10	1941	MRPA-L	W	T
5- 334	US ARMY-FT DIX 3	NEW HANOVER TWP	E-15	165	849- 869	8	1945	MRPA-M	U	U
5- 335	US AIR FORCE-MCGUIRE D	NEW HANOVER TWP	E-15	112	1012-1075	10	1953	MRPA-L	W	T
5- 336	US AIR FORCE-MCGUIRE C	NEW HANOVER TWP	E-15	102	1036-1089	10	1953	MRPA-L	W	T
5- 337	US AIR FORCE-MCGUIRE A	NEW HANOVER TWP	E-15	128	992-1055	10	1953	MRPA-L	W	P
5- 340	US AIR FORCE-MCGUIRE B	NORTH HANOVER TWP	E-16	126	780- 835#	8	1960	MRPA-M	W	T
5- 344	HOFFMAN-LA ROCHE CO 1974	NORTH HANOVER TWP	E-16	136	783- 814#	8	1974	MRPA-M	W	N
5- 351	NJ WC-DEL VALLEY WC 1	PALMYRA BORO	B-11	10	26##	156	1888	HPPM	Z	P
5- 383	PERMUTIT CORP IONAC 2	PEMBERTON TWP	E-14	30	490- 521	8	1960	MRPA-U	W	N
5- 384	PERMUTIT CORP IONAC 3	PEMBERTON TWP	E-14	30	748- 823	8	1961	MRPA-M	Z	U
5- 388	US ARMY-FT DIX 6	PEMBERTON TWP	E-15	160	1090-1140	10	1970	MRPA-L	T	U
5- 392	RIVERSIDE PUB SCHOOL 1	RIVERSIDE TWP	B-12	20	90- 100	6	1965	MRPA-M	W	I
5- 440	RHODIA CORP. 1 OBS	SPRINGFIELD TWP	D-14	71.7	603- 613	6	1964	MRPA-M	O	U
5- 441	HELIS STOCK FARM 3	SPRINGFIELD TWP	D-15	70	360- 372	6	1962	MRPA-U	W	S
5- 445	TALLMAN, I W 1	SPRINGFIELD TWP	D-15	80	447			MRPA-U	W	I
5- 446	INTSTATE STOR+PIPELN CO	SPRINGFIELD TWP	C-14	75	220- 245	8	1960	MRPA-U	W	N
5- 448	NJ DOT-RT295 REST AREA 1	SPRINGFIELD TWP	C-14	40	200- 220	8	1972	MRPA-M	W	P
5- 634	MT HOLLY WC 5	WESTAMPTON TWP	D-13	55	426- 516#	6	1965	MRPA-M	W	P
5- 637	HANOVER TRLS COMMISSARY	WESTAMPTON TWP	C-13	50	316- 336	6	1966	MRPA-M	W	I
5- 647	RANCOCAS COUNTRY CLUB 1	WILLINGBORO TWP	C-12	24	190- 238#	10	1965	MRPA-M	W	I
5- 651	WILLINGBORO MUA 3	WILLINGBORO TWP	C-13	28	203- 304#	12	1959	MRPA	W	P
5- 653	WILLINGBORO MUA 4	WILLINGBORO TWP	C-12	28	177- 280	12	1958	MRPA	W	P
5- 658	WILLINGBORO MUA 7	WILLINGBORO TWP	C-13	19	179- 255#	12	1958	MRPA-M	W	P
5- 661	WILLINGBORO MUA 1	WILLINGBORO TWP	C-13	10	147- 199	16	1955	MRPA-M	W	P
5- 667	WILLINGBORO MUA 5	WILLINGBORO TWP	C-13	39	230- 256	12	1958	MRPA-M	W	P
5- 668	WILLINGBORO MUA DCB-28	WILLINGBORO TWP	B-13	43	222- 242	6	1955	MRPA-M	O	U
5- 707	EVESHAM MUA 7	EVESHAM TWP	D-11	90	405- 441	18	1979	MRPA-U	W	P
5- 719	PEP BOYS 1	EDGEWATER PK TWP	B-13	40	51- 61	3	1961	MRPA-U	W	H
5- 729	MAPLE SHADE WD 2	MAPLE SHADE TWP	C-11	30	91- 121	10	1949	MRPA-U	W	P
5- 731	INTERSTATE WASTE-MON 8	BURLINGTON TWP	C-15	90.5	118- 128	4	1978	MRPA-U	O	U
5- 745	BURLINGTON COUNTY CLUB 1	WESTAMPTON	C-13	102	260- 290	8	1974	MRPA-U	W	I
5- 746	MAPLE SHADE WD 11	MAPLE SHADE TWP	C-11	20	389- 450	12	1978	MRPA-L	W	P
5- 751	RAMBLEWOOD CC-2 TEE	MOUNT LAUREL TWP	D-11	20	325##			MRPA-M	W	I
5- 761	TENNECO CHEM 9	BURLINGTON TWP	B-13	18	70- 105	18	1980	MRPA-M	W	P
5- 768	LISEHORA,M-GARAGE WELL	MANSFIELD TWP	C-14	100	182- 194	6	1950	MRPA-U	W	H
5- 777	HOLIDAY LK ICE CREAM STD	EDGEWATER PK TWP	B-12	40	40- 50	4	1978	MRPA	W	C
5- 778	BEST WESTERN MOTEL #2	BURLINGTON TWP	C-13	75	180- 195	4	1978	MRPA-U	W	C
5- 779	PYROPTICS 1	FLORENCE TWP	C-14	41	45- 50	4	1972	MRPA-U	W	P
5- 780	WASTE RESOURCE OBS 6	CINNAMINSON TWP	B-12	40	30- 50	4	1978	MRPA	O	U
5- 781	WASTE RESOURCE OBS 5	CINNAMINSON TWP	B-12	37.1	30- 50	4	1978	MRPA	O	U
5- 788	C R ENGLAND CO	BURLINGTON TWP	C-14	45	45- 53	8	1972	MRPA	W	P
7- 8	BELLMAWR BORO WD 4	BELLMAWR BORO	C-9	75	380- 557#	12	1966	MRPA	W	P
7- 12	BELLMAWR BORO WD 3	BELLMAWR BORO	C-9	35	334- 359	8	1956	MRPA-L	W	P
7- 13	BELLMAWR BORO WD 1	BELLMAWR BORO	C-9	31	111- 160	12	1942	MRPA-U	W	P
7- 18	BERLIN BORO WD 9	BERLIN BORO	E-10	145	650- 713	8	1955	MRPA-U	W	P
7- 19	BERLIN BORO WD 10	BERLIN BORO	E-10	145	645- 713	8	1967	MRPA-U	W	P
7- 25	BROOKLAWN BORO WD 3-42	BROOKLAWN BORO	C-9	13	120- 160	12	1942	MRPA-U	W	P
7- 30	SJ PORT COMM NY SHIP 5A	CAMDEN CITY	B-9	11.4	82- 100	8	1940	MRPA-U	O	U

TABLE 1.--RECORDS OF SELECTED WELLS.--Continued.

Well Number	Local Well Identifier	Municipality	Index for Plate 1	Altitude of Land Surface[1] (ft)	Screen Setting[2] (ft)	Screen Diameter (in)	Year Drilled	Aquifer Unit[3]	Use of Site[4]	Use of Water[5]
7- 38	SJ PORT COMM NY SHIP 7	CAMDEN CITY	B-9	12	188- 229	12	1942	MRPA-L	U	U
7- 39	CAMDEN CITY WD-CITY 7N	CAMDEN CITY	B-9	21	123- 163	18	1966	MRPA-M	W	P
7- 40	CAMDEN CITY WD-CITY 7	CAMDEN CITY	B-9	21	124- 162	18	1945	MRPA-M	Z	P
7- 41	CAMDEN CITY WD-CITY 7-28	CAMDEN CITY	B-9	21	126- 164	26	1928	MRPA-M	Z	P
7- 46	CAMDEN CITY WD-CITY 11	CAMDEN CITY	B-9	13	124- 154	16	1942	MRPA-M	W	P
7- 48	CAMDEN CITY WD-CITY 6N	CAMDEN CITY	B-9	14	111- 136	18	1948	MRPA-M	W	P
7- 49	CAMDEN CITY WD-CITY 6-28	CAMDEN CITY	B-9	14	111- 136	26	1928	MRPA-M	Z	P
7- 57	OUR LADY LORDS HOSP-STBY	CAMDEN CITY	B-10	30	237- 258	8	1963	MRPA-L	W	M
7- 58	WEST JERSEY HOSPITAL 1	CAMDEN CITY	B-10	30	119- 140	8	1958	MRPA-M	W	T
7- 61	CAMDEN CITY WD-CITY 4	CAMDEN CITY	B-10	41	131- 156	18	1950	MRPA-M	W	P
7- 62	CAMDEN CITY WD-CITY 4-35	CAMDEN CITY	B-10	40	125- 156	18	1935	MRPA-M	Z	P
7- 63	CAMDEN CITY WD-CITY 4-22	CAMDEN CITY	B-10	40	156**		1922	MRPA-M	Z	P
7- 64	CAMDEN CITY WD-CITY 17	CAMDEN CITY	B-10	34	230- 265	18	1954	MRPA-L	W	P
7- 65	CAMDEN CITY WD-CITY 2B	CAMDEN CITY	B-9	8	111- 136	18	1953	MRPA-L	W	P
7- 66	CAMDEN CITY WD-CITY 2A	CAMDEN CITY	B-9	8	143- 182	26	1927	MRPA-L	Z	U
7- 68	CAMDEN CITY WD-CITY 13	CAMDEN CITY	B-10	30	185- 225	18	1953	MRPA-L	W	P
7- 70	CAMDEN CITY WD-CITY 3A	CAMDEN CITY	B-10	15	90- 115	18	1953	MRPA-M	W	P
7- 71	CAMDEN CITY WD-CITY 3-34	CAMDEN CITY	B-10	15	91- 113	18	1934	MRPA-M	W	P
7- 72	CAMDEN CITY WD-CITY 3-22	CAMDEN CITY	B-10	15	85- 110	26	1922	MRPA-M	Z	P
7- 76	CAMDEN CITY WD-CITY 5-28	CAMDEN CITY	B-10	22	152- 171	12	1928	MRPA-L	W	P
7- 77	CAMDEN CITY WD-CITY 5-37	CAMDEN CITY	B-10	22	142- 172	18	1937	MRPA-L	Z	P
7- 78	CAMDEN CITY WD-CITY 5N	CAMDEN CITY	B-10	22	134- 169	18	1963	MRPA-L	W	P
7- 79	CAMDEN CITY WD-CITY 12	CAMDEN CITY	B-10	23	136- 166	16	1945	MRPA-L	W	P
7- 83	CAMDEN CITY WD-CITY 1A	CAMDEN CITY	B-10	10	135- 170	18	1953	MRPA-L	W	P
7- 84	CAMDEN CITY WD-CITY 1-22	CAMDEN CITY	B-10	5	146- 174	26	1922	MRPA-L	Z	P
7- 87	CAMDEN CITY WD-CITY 1-40	CAMDEN CITY	B-10	5	135- 168	18	1940	MRPA-L	Z	P
7- 90	CAMDEN CITY WD-CITY 10	CAMDEN CITY	B-10	10	126- 158	18	1935	MRPA-L	W	P
7- 91	CAMDEN CITY WD-CITY 9	CAMDEN CITY	B-10	9	116- 146	18	1957	MRPA-L	W	P
7- 93	CAMDEN CITY WD-CITY 9-24	CAMDEN CITY	B-10	9	106- 146	26	1924	MRPA-L	Z	P
7- 94	CAMDEN CITY WD-CITY 16	CAMDEN CITY	B-10	23	149- 179	18	1954	MRPA-L	W	P
7- 95	CAMDEN CITY WD-CITY 14	CAMDEN CITY	B-10	8	105- 145	18	1953	MRPA-L	W	P
7- 98	NEW JERSEY WC-CAMDEN 52	CAMDEN CITY	B-10	18	147- 198	16	1965	MRPA-L	W	P
7- 102	CAMDEN CITY WD-CITY 15	CAMDEN CITY	B-10	8	116- 136	18	1954	MRPA-L	W	P
7- 107	NEW JERSEY WC-CAMDEN 51	CAMDEN CITY	B-10	10	141- 192	16	1965	MRPA-L	W	P
7- 108	NEW JERSEY WC-CAM 10 OBS	CAMDEN CITY	B-10	11	115- 155	26	1932	MRPA-L	O	U
7- 110	NEW JERSEY WC-CAMDEN 49	CAMDEN CITY	B-10	9.4	137- 169	12	1955	MRPA-L	W	P
7- 120	HUSSMAN REFRIDG CO	CHERRY HILL TWP	D-10	67	276- 306	8	1957	MRPA-U	W	N
7- 122	NEW JERSEY WC-BROWN 44	CHERRY HILL TWP	D-10	80	684- 741*	12	1974	MRPA-L	W	P
7- 124	NEW JERSEY WC-BROWNG 45	CHERRY HILL TWP	D-10	77	483- 626*	12	1973	MRPA-M	W	P
7- 133	NEW JERSEY WC-OLD ORCH36	CHERRY HILL TWP	D-11	80	299- 349	12	1968	MRPA-U	W	P
7- 134	NEW JERSEY WC-OLD ORCH37	CHERRY HILL TWP	D-11	68	454- 488	12	1968	MRPA-M	W	P
7- 142	NEW JERSEY WC-ELLISBG 23	CHERRY HILL TWP	C-10	32	321- 378	12	1960	MRPA-M	W	P
7- 143	NEW JERSEY WC-ELLISBG 16	CHERRY HILL TWP	C-10	40	187- 220	12	1957	MRPA-U	W	P
7- 147	NEW JERSEY WC-KINGSTN 25	CHERRY HILL TWP	C-10	44	309- 367	12	1961	MRPA-M	W	P
7- 148	NEW JERSEY WC-KINGSTN 28	CHERRY HILL TWP	C-10	44	175- 207	12	1964	MRPA-U	W	P
7- 149	NJ DEPT DEF-NAT GUARD 1	CHERRY HILL TWP	C-10	15	96- 111	6	1956	MRPA-U	W	T
7- 157	NEW JERSEY WC-COLMBIA 31	CHERRY HILL TWP	C-11	45	376- 427	12	1967	MRPA-L	W	P
7- 160	RCA-CHERRY HILL 1	CHERRY HILL TWP	C-10	128	220- 264	6	1955	MRPA-U	W	N
7- 171	COLLINGSWOOD BORO WD 7	COLLINGSWOOD BORO	C-10	10	224- 313	12	1965	MRPA-L	W	P
7- 175	COLLINGSWOOD BORO WD 1R	COLLINGSWOOD BORO	B-10	25	266- 306	12	1949	MRPA-L	W	P
7- 176	COLLINGSWOOD BORO WD 2	COLLINGSWOOD BORO	B-10	12	248- 278	12	1960	MRPA-L	W	P
7- 178	COLLINGSWOOD BORO WD 3	COLLINGSWOOD BORO	B-10	15	257- 287	12	1960	MRPA-L	W	P
7- 188	NEW JERSEY WC-GIBBSBO 42	GIBBSBORO BORO	D-10	65	934- 986	12	1972	MRPA-L	W	P
7- 189	NEW JERSEY WC-GIBBSBO 41	GIBBSBORO BORO	D-10	65	1022-1097	12	1972	MRPA-L	W	P
7- 193	CRESCENT TRAILER PK 1	GLOUCESTER CITY	C-9	20	59- 71	8	1952	MRPA-U	W	P
7- 194	NJ ZINC CO 4-DEEP	GLOUCESTER CITY	B-9	5	249- 279	10	1958	MRPA-L	W	N
7- 195	NJ ZINC CO 5-DEEP	GLOUCESTER CITY	B-9	5	245- 275	6	1954	MRPA-L	W	N
7- 197	NJ ZINC CO 3-DEEP	GLOUCESTER CITY	B-9	5	223- 253	10	1958	MRPA-L	W	N
7- 207	HINDE AND DAUCH-JERSEY 1	GLOUCESTER CITY	B-9	9	230- 250	10	1945	MRPA-L	W	N
7- 210	GLOUCESTER CITY WD 42	GLOUCESTER CITY	B-9	15	306**	10	1968	MRPA-L	W	P
7- 211	GLOUCESTER CITY WD 2	GLOUCESTER CITY	B-9	11	141- 171	10	1929	MRPA-U	U	U
7- 213	GLOUCESTER CITY WD 38	GLOUCESTER CITY	B-9	10	279- 300	8	1949	MRPA-L	U	U
7- 215	GLOUCESTER CITY WD 37	GLOUCESTER CITY	B-9	5	84- 125	6	1947	MRPA-U	U	U
7- 220	GLOUCESTER CITY WD 40	GLOUCESTER CITY	B-9	10	221- 261	12	1961	MRPA-L	W	P
7- 221	USGS-GLOUC CTY CG BASE 1	GLOUCESTER CITY	B-9	10	162- 170	6	1966	MRPA-L	O	U

TABLE 1.--RECORDS OF SELECTED WELLS.--Continued.

Well Number	Local Well Identifier	Municipality	Index for Plate 1	Altitude of Land Surface[1] (ft)	Screen Setting[2] (ft)	Screen Diameter (in)	Year Drilled	Aquifer Unit[3]	Use of Site[4]	Use of Water[5]
7- 222	GLOUCESTER CITY WD 41	GLOUCESTER CITY	B-9	10	226- 266	12	1965	MRPA-L	W	P
7- 243	CAMDEN CO INS-LAKELAND 2	GLOUCESTER TWP	D-8	25	386**			MRPA-U	W	T
7- 249	GARDEN ST WC-BLACKWOOD 3	GLOUCESTER TWP	D-9	81	426- 447	12	1956	MRPA-U	W	P
7- 252	GARDEN ST WC-BLACKWOOD 6	GLOUCESTER TWP	D-9	75	407- 477	12	1971	MRPA-U	W	P
7- 253	GARDEN ST WC-BLACKWOOD 1	GLOUCESTER TWP	D-9	20	350- 386	8	1948	MRPA-U	W	P
7- 273	NEW JERSEY WC-OTTERBK 29	GLOUCESTER TWP	D-9	60	612- 712	10	1965	MRPA-L	W	P
7- 274	NEW JERSEY WC-OTTERBK 39	GLOUCESTER TWP	D-9	60	269- 349	12	1968	MRPA-U	W	P
7- 275	NEW JERSEY WC-HADDON 20	BARRINGTON BORO	C-9	60	236- 267	12	1958	MRPA-U	W	P
7- 278	NEW JERSEY WC-HADDON 15	HADDON HGTS BORO	C-9	65	452- 594	8	1956	MRPA-L	W	P
7- 279	NEW JERSEY WC-HADDON 30	HADDON HGTS BORO	C-9	65	224- 275	12	1965	MRPA-U	W	P
7- 283	NEW JERSE WC-EGBERT OBS	HADDON HGTS BORO	C-9	23.7	445- 455	6	1962	MRPA-L	O	U
7- 285	NEW JERSEY WC-EGBERT 18	HADDON HGTS BORO	C-9	24	144- 191	12	1958	MRPA-U	W	P
7- 289	HADDON TWP WD 2	HADDON TWP	C-10	60	439- 470	10	1952	MRPA-L	W	P
7- 290	HADDON TWP WD 1	HADDON TWP	C-10	56	436- 468	10	1952	MRPA-L	W	P
7- 293	HADDON TWP HIGH SCH 1	HADDON TWP	C-10	15	142- 162	6	1966	MRPA-U	W	I
7- 299	HADDONFLD BORO WD-LAYN 2	HADDONFIELD BORO	C-10	65	206- 246	12	1956	MRPA-U	W	P
7- 302	HADDONFLD BORO WD-RULON	HADDONFIELD BORO	C-10	25	523- 572	11	1956	MRPA-L	W	P
7- 304	HADDONFLD BORO WD-LAKE ST	HADDONFIELD BORO	C-10	50	307- 372*	12	1967	MRPA-M	W	P
7- 315	NEW JERSEY WC-MAGNOLIA16	MAGNOLIA BORO	C-9	78	428- 510	8	1964	MRPA-M	W	P
7- 316	NEW JERSEY WC-MAGNOLIA33	MAGNOLIA BORO	C-9	60	271- 348	12	1967	MRPA-U	W	P
7- 320	MERCH-PENN WCOM-WDBINE 1	MRCHNTVILLE BORO	B-10	65	245- 285	12	1963	MRPA-L	W	P
7- 322	NEW JERSEY WC-OAKLYN OBS	OAKLYN BORO	C-10	32.7	101- 111	6	1961	MRPA-U	O	U
7- 323	STEVENS AND STEVENS 1	PENNSAUKEN TWP	B-10	18	74- 84	4	1956	MRPA-U	W	H
7- 326	MERCH-PENN WCOM-BROWN 1	PENNSAUKEN TWP	B-10	25	107- 137	12	1959	MRPA-L	W	P
7- 329	MERCH-PENN WCOM-BROWN 2A	PENNSAUKEN TWP	B-10	20	110- 140	12	1965	MRPA-M	W	P
7- 332	MERCH-PENN WCOM-MARION 2	PENNSAUKEN TWP	B-10	60	223- 258	12	1963	MRPA-L	W	P
7- 335	MERCH-PENN WCOM-MARION 1	PENNSAUKEN TWP	B-10	61	243- 278	12	1957	MRPA-L	W	P
7- 337	USGS-PETTY ISLAND 1 EAST	PENNSAUKEN TWP	B-10	5	90**	6	1966	MRPA	T	U
7- 338	USGS-PETTY ISLAND 2 EAST	PENNSAUKEN TWP	B-10	5	44- 55	6	1966	MRPA	T	U
7- 339	PREDCO PREC PANELS	PENNSAUKEN TWP	B-10	32	108**		1962	MRPA-M	W	N
7- 340	MERCH-PENN WCOM-DEL GN 1	PENNSAUKEN TWP	B-10	50	97- 123	18	1955	MRPA-M	Z	U
7- 341	MERCH-PENN WCOM-DEL GN 2	PENNSAUKEN TWP	B-10	39	115- 145	12	1954	MRPA-M	W	P
7- 343	USGS-PETTY ISLAND 1 WEST	PENNSAUKEN TWP	B-10	5	77- 84	10	1966	MRPA-L	Z	U
7- 350	MERCH-PENN WCOM-PARK 2	PENNSAUKEN TWP	B-11	12	232- 257	12	1943	MRPA-L	W	P
7- 354	PETTY ISLAND OBS	PENNSAUKEN TWP	B-10	11.6	78**	8	1949	MRPA-L	O	U
7- 359	CAMDEN CITY WD-PUCHACK 5	PENNSAUKEN TWP	B-11	30	136- 181	26	1924	MRPA-L	W	P
7- 361	CAMDEN CITY WD-PUCHACK 4	PENNSAUKEN TWP	B-11	10	136- 180	26	1924	MRPA-L	W	P
7- 363	CAMDEN CITY WD-PUCHACK 2	PENNSAUKEN TWP	B-11	14	126- 165	26	1924	MRPA-L	W	P
7- 366	CAMDEN CITY WD-PUCHACK 1	PENNSAUKEN TWP	B-11	10	108- 140	26	1924	MRPA-L	W	P
7- 367	CAMDEN CITY WD-PUCHACK 3	PENNSAUKEN TWP	B-11	10	127- 175	26	1924	MRPA-L	W	P
7- 368	CAMDEN CITY WD-DELAIR 1	PENNSAUKEN TWP	B-10	10	103- 138	18	1930	MRPA-L	W	P
7- 369	CAMDEN CITY WD-DELAIR 2	PENNSAUKEN TWP	B-10	5	109- 144	18	1930	MRPA-L	W	P
7- 370	CAMDEN CITY WD-DELAIR 3	PENNSAUKEN TWP	B-10	8	89- 129*	18	1930	MRPA-L	W	P
7- 372	MERCH-PENN WCOM-NAT HY 1	PENNSAUKEN TWP	B-11	40	195- 230*	12	1967	MRPA-L	W	P
7- 373	CAMDEN CITY WD-MORRIS 6	PENNSAUKEN TWP	B-11	14	98- 133	26	1932	MRPA-L	W	P
7- 374	CAMDEN CITY WD-MORRIS 9	PENNSAUKEN TWP	B-11	10	89- 143*	26	1932	MRPA-L	W	P
7- 375	CAMDEN CITY WD-MORRIS 8	PENNSAUKEN TWP	B-11	10	89- 124	18	1953	MRPA-L	W	P
7- 377	CAMDEN CITY WD-MORRIS 7	PENNSAUKEN TWP	B-11	10	85- 120	26	1932	MRPA-L	W	P
7- 379	CAMDEN CITY WD-MORRIS 10	PENNSAUKEN TWP	B-11	16	75- 115	18	1960	MRPA-L	W	P
7- 380	KINGSTON TRAP RK IND 2	PENNSAUKEN TWP	B-11	35	115- 123	8	1966	MRPA-L	W	N
7- 382	CAMDEN CITY WD-MORRIS 4A	PENNSAUKEN TWP	B-11	8	95- 134	18	1960	MRPA-L	W	P
7- 383	CAMDEN CITY WD-MORRIS 4	PENNSAUKEN TWP	B-11	8	95- 130	26	1960	MRPA-L	W	P
7- 386	CAMDEN CITY WD-MORRIS 3A	PENNSAUKEN TWP	B-11	10	73- 103	18	1953	MRPA-L	W	P
7- 387	CAMDEN CITY WD-MORRIS 2	PENNSAUKEN TWP	B-11	10	93- 123	18	1932	MRPA-L	W	P
7- 388	CAMDEN CITY WD-MORRIS 5	PENNSAUKEN TWP	B-11	5	80- 115	26	1932	MRPA-L	Z	P
7- 389	CAMDEN CITY WD-MORIS 5NA	PENNSAUKEN TWP	B-11	5	79- 114	18	1960	MRPA-L	W	P
7- 390	CAMDEN CITY WD-MORRIS 1	PENNSAUKEN TWP	B-11	9	77- 107	18	1961	MRPA-L	W	P
7- 392	PINE HILL MUA 1	PINE HILL BORO	E-9	150	627- 669	8	1962	MRPA-U	W	P
7- 398	PINE HILL MUA 2-1972	PINE HILL BORO	E-9	200	668- 698	8	1972	MRPA-U	W	P
7- 404	NEW JERSEY WC-RUNMEDE 19	RUNNEMEDE BORO	C-9	67	297- 339	12	1958	MRPA-U	W	P
7- 407	TRAP ROCK IND-RUNMEDE 3	RUNNEMEDE BORO	C-9	40	195- 205	4	1968	MRPA-U	W	H
7- 410	NEW JERSEY WC-SOMRDAL 14	SOMERDALE BORO	C-9	95	389- 441	10	1956	MRPA-U	W	P
7- 412	NEW JERSEY WC-ELM TREE 2	VOORHEES TWP	E-10	148.7	1217-1227	6	1963	MRPA-L	O	U
7- 413	NEW JERSEY WC-ELM TREE 3	VOORHEES TWP	E-10	148.7	706- 717	6	1963	MRPA-M	O	U
7- 422	NEW JERSEY WC-ASHLAND 17	VOORHEES TWP	D-10	68	379- 421	12	1957	MRPA-U	W	P

TABLE 1.--RECORDS OF SELECTED WELLS.--Continued.

Well Number	Local Well Identifier	Municipality	Index for Plate 1	Altitude of Land Surface[1] (ft)	Screen Setting[2] (ft)	Screen Diameter (in)	Year Drilled	Aquifer Unit[3]	Use of Site[4]	Use of Water[5]
7- 426	NEW JERSEY WC-VOORHES 21	VOORHEES TWP	D-10	129	422- 482	12	1959	MRPA-U	W	P
7- 476	USGS-NEW BROOKLN PK 1 OB	WINSLOW TWP	F-9	111.1	1485-1495	4	1960	MRPA	O	U
7- 477	USGS-NEW BROOKLN PK 2 OB	WINSLOW TWP	F-9	111.1	829- 839	6	1961	MRPA-U	O	U
7- 517	BROOKLAWN BORO WD 4-67	BROOKLAWN BORO	C-9	13	288- 319	10	1967	MRPA-L	W	P
7- 520	BROOKLAWN BORO WD 3-61	BROOKLAWN BORO	C-9	10	307- 327	6	1961	MRPA-U	W	P
7- 527	CAMDEN CITY WD-CITY 18	CAMDEN CITY	B-10	40	258- 288	18	1976	MRPA-L	W	P
7- 528	CAMDEN CITY WD-PUCHACK 7	PENNSAUKEN TWP	B-11	20	140- 180	18	1975	MRPA-L	W	P
7- 535	CAMDEN CITY WD-TW 1 1979	PENNSAUKEN TWP	B-11	10	100- 130	4	1979	MRPA-L	T	U
7- 541	CAMDEN CITY WD-TW 8 1979	CAMDEN CITY	B-10	10	215- 253*	4	1979	MRPA-L	T	U
7- 545	CAMDEN CITY WD-MORRIS 11	PENNSAUKEN TWP	B-11	10	102- 144	16	1979	MRPA-L	W	P
7- 546	NEW JERSEY WC-LAUREL 14	LAUREL SPRINGS BORO	D-9	80	441**		1956	MRPA-U	W	P
7- 555	PENLER ANODIZING CO 1	CAMDEN CITY	B-11	50	75- 80	4	1968	MRPA-U	W	N
7- 559	MEADOWBROOK SWIM CLUB	PENNSAUKEN TWP	B-11	50	97- 107	10	1963	MRPA-U	W	R
7- 560	MERCH-PENN WCOM-WDBINE 2	MRCHNTVILLE BORO	B-10	50	196- 226	12	1979	MRPA-M	W	P
7- 562	NJDEP-HARRISON AVE 2	CAMDEN CITY	B-10	15	26- 46	4	1980	MRPA	O	U
7- 563	NJDEP-HARRISON AVE 3	CAMDEN CITY	B-10	15	97- 117	4	1980	MRPA-L	O	U
7- 566	NJDEP-HARRISON AVE 6	CAMDEN CITY	B-10	15	20- 40	4	1980	MRPA	O	U
7- 567	NJDEP-HARRISON AVE 7	CAMDEN CITY	B-10	15	102- 122	4	1980	MRPA-L	O	U
7- 568	PENNSAUKN LANDFILL MON 1	PENNSAUKEN TWP	B-11	26	59- 60	4	1979	MRPA	O	U
7- 571	PENNSAUKN LANDFILL MON 4	PENNSAUKEN TWP	B-11	21	47- 48	4	1979	MRPA	O	U
7- 573	USGS-GLOUC CTY CG BASE 2	GLOUCESTER CITY	B-9	10	77- 88	5	1966	MRPA-U	O	U
7- 574	USGS-GLOUC CTY CG BASE 3	GLOUCESTER CITY	B-9	10	34**	2	1966	HPPM	O	U
7- 575	BELL SUPPLY CO 1	PENNSAUKEN TWP	B-10	45	74- 84	6	1954	MRPA-U	W	N
7- 586	CAMDEN CITY WD-MORRIS 12	PENNSAUKEN TWP	B-11	10	86- 117*	12	1981	MRPA-L	W	P
7- 587	CAMDEN CITY WD-MORRIS 13	PENNSAUKEN TWP	B-11	10	90- 130*		1980	MRPA-L	W	P
15- 1	CLAYTON BORO WD 3	CLAYTON BORO	E-7	133	746- 800*	8	1956	MRPA-U	W	P
15- 3	CLAYTON BORO WD 4	CLAYTON BORO	E-7	140	670- 740	12	1973	MRPA-U	W	P
15- 5	WOODBURY CTY WD-SEWEL 1	DEPTFORD TWP	D-8	20	263- 311	12	1934	MRPA-U	W	P
15- 6	WOODBURY CTY WD-SEWEL 1A	DEPTFORD TWP	D-8	20	263- 308	12	1967	MRPA-U	W	P
15- 7	WOODBURY CTY WD-SEWELL 2	DEPTFORD TWP	D-8	65	267- 317	16	1937	MRPA-U	Z	U
15- 8	WOODBURY CTY WD-SEWEL 2A	DEPTFORD TWP	D-8	21	244- 307	12	1973	MRPA-U	W	P
15- 9	DEPTFORD TWP MUA 5-1971	DEPTFORD TWP	D-8	78	414- 447	12	1971	MRPA-U	W	P
15- 11	DEPTFORD TWP MUA 2	DEPTFORD TWP	C-8	58	255- 281	12	1958	MRPA-U	W	P
15- 16	DEPTFORD TWP MUA 1	DEPTFORD TWP	C-8	70	252- 273	12	1955	MRPA-U	W	P
15- 24	DEPTFORD TWP MUA 4	DEPTFORD TWP	C-9	40	282- 345	12	1971	MRPA-M	W	P
15- 28	E GREENWICH TWP WD 2	E GREENWICH TWP	C-7	70	191- 216	10	1956	MRPA-U	W	P
15- 29	E GREENWICH TWP WD 1	E GREENWICH TWP	C-7	65	169- 200*	4	1931	MRPA-U	W	P
15- 59	OWENS ILLINOIS 1	GLASSBORO BORO	E-7	144	606- 647	12	1961	MRPA-U	W	N
15- 60	GLASSBORO BORO WD 3	GLASSBORO BORO	E-7	150	562- 612	8	1955	MRPA-U	W	P
15- 62	GLASSBORO BORO WD 2	GLASSBORO BORO	E-7	145	562- 602	8	1947	MRPA-U	W	P
15- 63	GLASSBORO BORO WD 4	GLASSBORO BORO	D-7	146	549- 599	8	1961	MRPA-U	W	P
15- 65	GREENWICH TWP WD 2	GREENWICH TWP	B-7	20	69- 98	15	1950	MRPA-U	Z	U
15- 69	GREENWICH TWP WD 3	GREENWICH TWP	B-7	10	108- 168	12	1959	MRPA-M	W	P
15- 70	GREENWICH TWP WD 1	GREENWICH TWP	B-7	10	76- 96	16	1944	MRPA-M	Z	U
15- 72	EI DUPONT REPAUNO 3	GREENWICH TWP	B-7	6	91- 101	12	1950	MRPA-M	W	N
15- 76	HERCULES CHEM 4-1970	GREENWICH TWP	B-7	15	91- 121*	10	1970	MRPA-M	W	N
15- 79	EI DUPONT REPAUNO 6	GREENWICH TWP	B-7	10	84- 109	12	1967	MRPA-M	W	N
15- 81	EI DUPONT REPAUNO 5	GREENWICH TWP	B-7	10	81- 99	8	1965	MRPA-M	W	N
15- 82	EI DUPONT REPAUNO 1 (O)	GREENWICH TWP	B-7	10	75- 105	8	1936	MRPA-M	W	N
15- 84	HERCULES CHEM GIBBSTWN 2	GREENWICH TWP	B-7	12	121- 146	10	1954	MRPA-M	U	U
15- 89	HERCULES CHEM GIBBSTWN 1	GREENWICH TWP	B-7	10	77- 103	10	1954	MRPA-M	W	N
15- 93	MOBIL OIL-GREENWICH 46	GREENWICH TWP	B-7	5	111- 136	12	1950	MRPA-M	W	N
15- 94	MOBIL OIL-GREENWICH 44	GREENWICH TWP	B-7	20	116- 136	16	1947	MRPA-M	W	N
15- 96	HERCULES CHEM-GIBB OBS 2	GREENWICH TWP	B-7	10	129- 134	3	1953	MRPA-M	O	U
15- 97	HERCULES CHEM GIBB 8 OBS	GREENWICH TWP	B-7	5.6	102- 107	3	1954	MRPA-M	O	U
15- 98	MOBIL OIL-GREENWICH 45	GREENWICH TWP	B-7	3	95- 118	16	1947	MRPA-M	W	N
15- 101	MOBIL OIL-GREENWICH 40	GREENWICH TWP	B-7	20	195- 225	16	1944	MRPA-L	W	N
15- 102	EI DUPONT REPAUNO 20	GREENWICH TWP	B-7	3	73- 103	10	1940	MRPA-M	W	N
15- 103	EI DUPONT REPAUNO H	GREENWICH TWP	B-7	2	83- 103	10	1945	MRPA-M	W	N
15- 104	EI DUPONT REPAUNO J	GREENWICH TWP	B-7	2	74- 103	10	1940	MRPA-M	W	N
15- 107	EI DUPONT REPAUNO C	GREENWICH TWP	B-7	2	75- 105	10	1945	MRPA-M	W	N
15- 109	MOBIL OIL-GREENWICH 41	GREENWICH TWP	B-7	20	230- 260	8	1946	MRPA-L	W	N
15- 118	MOBIL OIL-GREENWICH 47	GREENWICH TWP	B-7	20	220- 240	12	1953	MRPA-L	W	N
15- 127	LEONARD, WILLIAM 5	HARRISON TWP	D-7	140	478- 524	8	1958	MRPA-U	W	I
15- 129	SO JERSEY WS CO 1	HARRISON TWP	C-6	35	263**		1950	MRPA-U	W	P

TABLE 1.--RECORDS OF SELECTED WELLS.--Continued.

Well Number	Local Well Identifier	Municipality	Index for Plate 1	Altitude of Land Surface[1] (ft)	Screen Setting[2] (ft)	Screen Diameter (in)	Year Drilled	Aquifer Unit[3]	Use of Site[4]	Use of Water[5]
15- 130	SO JERSEY WS CO 3	HARRISON TWP	C-6	35	234- 265	7	1953	MRPA-U	W	P
15- 131	CLEARVIEW HIGH SCHOOL 1	HARRISON TWP	C-7	45	445**	8	1960	MRPA-U	W	T
15- 137	PURELAND WC 2 (3-1973)	LOGAN TWP	B-6	29	158- 208	12	1973	MRPA-M	W	P
15- 138	MUSUMECI, FRANK	LOGAN TWP	B-6	15	28- 34	4	1951	HPPM	W	H
15- 139	PURELAND WC TW 3	LOGAN TWP	B-6	8	301- 345	6	1970	MRPA-L	T	U
15- 143	PURELAND WC LANDTEC TW6C	LOGAN TWP	B-5	19.4	106- 149	6	1970	MRPA-M	O	U
15- 144	PURELAND WC 1-1973	LOGAN TWP	B-6	7.6	81- 136*	6	1973	MRPA-M	W	P
15- 146	PURELAND WC LANDTECT TW9	LOGAN TWP	B-5	4.8	82- 101	6	1970	MRPA-M	O	U
15- 158	MONSANTO CHEM WEST 2	LOGAN TWP	A-6	11	57- 82	12	1961	MRPA-M	W	N
15- 159	MONSANTO CHEM EAST 1	LOGAN TWP	A-6	11	56- 81	12	1961	MRPA-M	W	N
15- 161	MONSANTO CHEM OBS 1	LOGAN TWP	A-6	5	70- 90	8	1960	MRPA-M	O	U
15- 163	MONSANTO CHEM OBS 3	LOGAN TWP	A-6	5	82- 118	6	1960	MRPA-M	O	U
15- 165	PENNS GROVE WC-BRIDGPT 1	LOGAN TWP	B-6	5	30- 40	8	1930	MRPA-M	Z	U
15- 166	PENNS GROVE WC-BRIDGPT 2	LOGAN TWP	B-6	5	65- 85	6	1955	MRPA-M	W	P
15- 167	MONSANTO CHEM 3	LOGAN TWP	A-6	10	64- 94	10	1969	MRPA-M	W	N
15- 189	MANTUA MUA 2 (SEWELL 1)	MANTUA TWP	D-8	80	352- 377	10	1951	MRPA-U	W	P
15- 191	MANTUA MUA 1 (SEWELL 2)	MANTUA TWP	D-8	60	336- 368	10	1965	MRPA-U	W	P
15- 192	MANTUA MUA 5 (EDENWD 1)	MANTUA TWP	C-7	88	315- 337	12	1957	MRPA-U	W	P
15- 193	MANTUA MUA 3 (MANT WC 2)	MANTUA TWP	C-8	65	295- 317	8	1953	MRPA-U	W	P
15- 194	MANTUA MUA 4 (MANT WC3)	MANTUA TWP	C-7	10	230- 265	8	1969	MRPA-U	W	P
15- 206	NATIONAL PARK BORO WD 1	NATIONAL PK BORO	B-8	10	64- 85	8	1950	MRPA-U	W	P
15- 207	NATIONAL PARK BORO WD 2	NATIONAL PK BORO	B-8	30	241- 282	8	1956	MRPA-L	W	P
15- 210	PAULSBORO WD 6-73	PAULSBORO BORO	B-7	15	185- 227*	12	1973	MRPA-M	W	P
15- 212	PAULSBORO WD 4-51	PAULSBORO BORO	B-7	15	192- 220	12	1951	MRPA-M	W	P
15- 213	PAULSBORO WD 5-57	PAULSBORO BORO	B-7	10	135- 175	12	1957	MRPA-M	W	P
15- 215	PAULSBORO BORO WD 2	PAULSBORO BORO	B-7	16	70- 100	18	1930	MRPA-M	W	P
15- 216	PAULSBORO BORO WD 3	PAULSBORO BORO	B-7	16	115- 140	18	1942	MRPA-M	W	P
15- 218	MOBIL OIL-GREENWICH 33	PAULSBORO BORO	B-7	20	169- 236	10	1926	MRPA-L	W	N
15- 220	ESSEX CHEM-OLIN 1-1954	PAULSBORO BORO	B-8	10	234- 256	8	1954	MRPA-L	W	N
15- 224	PITMAN BORO WD PG1	PITMAN BORO	D-7	140	486- 524	10	1938	MRPA-U	W	P
15- 225	PITMAN BORO WD P1	PITMAN BORO	D-7	140	468- 514	10	1926	MRPA-U	W	P
15- 226	PITMAN BORO WD P2	PITMAN BORO	D-7	130	475- 515	8	1947	MRPA-U	W	P
15- 227	PITMAN BORO WD P3	PITMAN BORO	D-7	99	447- 487	10	1960	MRPA-U	W	P
15- 231	MARINO, H	S HARRISON TWP	C-6	90	348- 358	3	1954	MRPA-U	W	H
15- 236	SWEDESBORO BORO WD 3	SWEDESBORO BORO	C-6	75	241- 312	12	1969	MRPA-U	W	P
15- 237	SWEDESBORO BORO WD 1	SWEDESBORO BORO	C-6	35	174- 220*	12	1933	MRPA-U	Z	U
15- 238	SWEDESBORO BORO WD 2	SWEDESBORO BORO	C-6	30	217- 240	8	1940	MRPA-U	W	P
15- 240	DEL MONTE CORP 9	SWEDESBORO BORO	C-6	30	190- 231	10	1963	MRPA-U	W	N
15- 242	DEL MONTE CORP 6	SWEDESBORO BORO	B-6	25	267- 298	10	1944	MRPA-M	W	N
15- 243	DEL MONTE CORP 4	SWEDESBORO BORO	B-6	15	- 220**		1942	MRPA-U	U	U
15- 248	WASHINGTON TWP MUA 5-73	WASHINGTON TWP	E-8	125	559- 618	12	1973	MRPA-U	W	P
15- 253	WASHINGTON TWP MUA 6-64	WASHINGTON TWP	E-8	152	584- 652	8	1964	MRPA-U	W	P
15- 261	WASHINGTON TWP MUA 1	WASHINGTON TWP	E-8	100	581- 612	8	1959	MRPA-U	W	P
15- 265	WASHINGTON TWP MUA 2	WASHINGTON TWP	E-8	90	543- 573	8	1965	MRPA-U	W	P
15- 267	WASHINGTON TWP MUA 3	WASHINGTON TWP	D-8	150	575- 640*	12	1972	MRPA-U	W	P
15- 274	WENONAH BORO WD 1	WENONAH BORO	C-8	80	283- 320	12	1944	MRPA-U	W	P
15- 275	WENONAH BORO WD 2	WENONAH BORO	C-8	50	268- 310	12	1951	MRPA-U	W	P
15- 276	W DEPTFORD TWP WD 4	WEST DEPTFORD TWP	C-8	60	242- 288	8	1963	MRPA-U	W	P
15- 281	W DEPTFORD TWP WD 3	WEST DEPTFORD TWP	C-8	61	227- 243	12	1957	MRPA-U	W	P
15- 282	W DEPTFORD TWP WD 5	WEST DEPTFORD TWP	C-8	55	388- 450	12	1973	MRPA-L	W	P
15- 283	SHELL CHEM CO 3	WEST DEPTFORD TWP	B-7	30	358- 383	12	1962	MRPA-L	W	N
15- 284	SHELL CHEM CO 4	WEST DEPTFORD TWP	B-7	30	127- 157	12	1962	MRPA-U	W	N
15- 285	SHELL CHEM CO 1	WEST DEPTFORD TWP	B-7	12	328- 358	12	1961	MRPA-L	W	N
15- 308	PENWALT CORP TW 8	WEST DEPTFORD TWP	B-8	10	231- 271	8	1969	MRPA-L	T	U
15- 312	W DEPTFORD TWP WD 6	WEST DEPTFORD TWP	C-8	20	322- 372	12	1973	MRPA-L	W	P
15- 314	TEXACO EAGLE PT 6-PROD	WEST DEPTFORD TWP	B-8	15	280- 318	14	1949	MRPA-L	W	N
15- 317	TEXACO EAGLE PT 7	WEST DEPTFORD TWP	B-8	10	261- 301	12	1973	MRPA-L	W	N
15- 318	TEXACO EAGLE PT 2	WEST DEPTFORD TWP	B-9	17	259- 289	16	1948	MRPA-L	W	N
15- 319	TEXACO EAGLE PT 4-PROD	WEST DEPTFORD TWP	B-8	14	259- 289	16	1948	MRPA-L	W	N
15- 320	TEXACO EAGLE PT 1	WEST DEPTFORD TWP	B-9	32	248- 288	12	1947	MRPA-L	W	N
15- 321	TEXACO EAGLE PT 5	WEST DEPTFORD TWP	B-9	13	237- 277	12	1948	MRPA-L	W	N
15- 322	TEXACO EAGLE PT 3	WEST DEPTFORD TWP	B-9	20	258- 288	12	1947	MRPA-L	W	N
15- 323	TEXACO EAGLE PT 3-OBS	WEST DEPTFORD TWP	B-9	21	255- 275	6	1948	MRPA-L	O	U
15- 324	TEXACO EAGLE PT 4-OBS	WEST DEPTFORD TWP	B-9	10	214- 224	3	1948	MRPA-L	O	U
15- 326	WESTVILLE BORO WD 5	WESTVILLE BORO	C-9	12	243- 277	12	1971	MRPA-L	W	P

TABLE 1.--RECORDS OF SELECTED WELLS.--Continued.

Well Number	Local Well Identifier	Municipality	Index for Plate 1	Altitude of Land Surface[1] (ft)	Screen Setting[2] (ft)	Screen Diameter (in)	Year Drilled	Aquifer Unit[3]	Use of Site[4]	Use of Water[5]
15- 327	WESTVILLE BORO WD 4	WESTVILLE BORO	C-9	16	286- 313	10	1957	MRPA-L	W	P
15- 329	WESTVILLE BORO WD 1	WESTVILLE BORO	C-9	16	69- 112	8	1930	MRPA-U	W	P
15- 331	WOODBURY WD RAILROAD 5	WOODBURY CITY	C-8	35	405- 457	12	1960	MRPA-L	W	P
15- 332	WOODBURY WD-PARK LOT 3	WOODBURY CITY	C-8	50	148- 188	12	1946	MRPA-U	W	P
15- 333	WOODBURY WD-TATUM 4	WOODBURY CITY	C-8	20	129- 167*	12	1953	MRPA-U	W	P
15- 334	MACCARONE, J	WOOLWICH TWP	C-5	63	247- 253	4	1954	MRPA-U	W	S
15- 337	MAUGERI, SAL	WOOLWICH TWP	B-5	45	128- 148	6	1955	MRPA-U	W	I
15- 340	CATALANO, F	WOOLWICH TWP	B-5	50	108- 114	4	1954	MRPA-U	W	H
15- 341	BUTLER, WALTER	WOOLWICH TWP	C-6	60	222- 228	3	1955	MRPA-U	W	S
15- 342	DEL MONTE CORP 10	WOOLWICH TWP	C-6	60	192- 279	12	1967	MRPA-U	W	F
15- 343	CASELLA BROS	WOOLWICH TWP	B-5	65	115- 121	4	1953	MRPA-U	W	S
15- 345	MUSUMECI, P	WOOLWICH TWP	B-6	62	94- 100	4	1954	MRPA-U	W	H
15- 347	GREENWICH TWP WD 5	GREENWICH TWP	B-7	20	82- 117	12	1977	MRPA-M	W	P
15- 348	GREENWICH TWP WD 6	GREENWICH TWP	B-7	20	105- 135	12	1978	MRPA-U	W	P
15- 349	PURELAND WC LANDTECT 2	LOGAN TWP	A-6	5	170- 220	6	1970	MRPA-L	O	U
15- 350	PURELAND WC LANDTECT 1	LOGAN TWP	B-5	20.4	234- 284	6	1970	MRPA-L	O	U
15- 354	ROLLINS ENVIR DP2	LOGAN TWP	B-6	13.3	80- 90	4	1976	MRPA-M	O	U
15- 355	E GREENWICH TWP WD 3	E GREENWICH TWP	C-7	42	205- 245	12	1975	MRPA-U	W	P
15- 357	EI DUPONT REPAUNO 7 OBS	GREENWICH TWP	B-7	4	- 105**	4		MRPA-M	O	U
15- 361	GLASSBORO BORO WD 5	GLASSBORO BORO	E-7	140	610- 657	12	1973	MRPA-U	W	P
15- 366	CIANCIULLI, TIMOTHY	E GREENWICH TWP	C-7	80	209- 219	3	1978	MRPA-U	W	H
15- 373	W DEPTFORD TWP MUA 7	WEST DEPTFORD TWP	C-8	28	323- 363	12	1980	MRPA-L	W	P
15- 374	DEPTFORD TWP MUA 6	DEPTFORD TWP	C-8	50	430- 486	12	1979	MRPA-M	W	P
15- 380	MONSANTO CHEM OBS 2	LOGAN TWP	A-6	5	71- 76	6		MRPA-M	O	U
15- 387	ROLLINS ENVIR DP1	LOGAN TWP	B-6	5.3	80- 90	4	1976	MRPA-M	O	U
15- 388	ROLLINS ENVIR DP3	LOGAN TWP	B-6	22.3	75- 85	4	1980	MRPA-M	O	U
15- 390	GLOUCESTER CO SEW AUTH 1	WEST DEPTFORD TWP	B-8	10	91- 106	6	1971	MRPA-U	W	N
15- 392	NJ TPK AUTH-MAINT S-1-64	WOOLWICH TWP	C-6	90	241- 251	6	1964	MRPA-U	W	N
15- 395	REPAUPO FIRE CO 30-1972	GREENWICH TWP	B-7	5	93- 113	6	1979	MRPA-U	W	F
15- 399	ALLIED ENERGY 1 1977	LOGAN TWP	B-6	10	71- 91	10	1977	MRPA-M	W	F
15- 409	LOGAN TWP MUA 1	LOGAN TWP	B-6	20	83- 103	6	1975	MRPA-M	W	P
15- 410	TEXACO EAGLE PT 4A	WEST DEPTFORD TWP	B-8	5	256- 296	12	1978	MRPA-L	W	N
15- 417	S&S AUCTION HOUSE 1 1978	LOGAN TWP	B-6	10	51- 61	4	1978	MRPA-U	W	N
15- 422	PITMAN BORO WD P4	HARRISON TWP	D-7	140	498- 568*	8	1980	MRPA-U	W	I
15- 423	MOBIL OIL-GREENWICH 28	GREENWICH TWP	B-7	10	87- 136	24		MRPA-M	W	N
15- 428	MOBIL OIL-GREENWICH 36	PAULSBORO BORO	B-7	25	111- 138	20	1928	MRPA-M	W	N
15- 431	WOODBURY CITY WD 6-81	WOODBURY CITY	C-8	30	211- 305	12	1980	MRPA-M	W	P
15- 434	WESTVILLE BORO WD 6	WESTVILLE BORO	C-9	20	267- 317	12	1980	MRPA-L	W	P
15- 439	ESSEX CHEM-OLIN 2-1970	PAULSBORO BORO	B-8	10	215- 235	8	1970	MRPA	W	N
21- 39	STAUFFER CHEM CO 1	HAMILTON TWP	C-16	55	179- 199	8	1964	MRPA-M	W	N
21- 44	BORDENTOWN WD-WH 1	HAMILTON TWP	B-16	20	101- 121	12	1964	MRPA-M	W	P
21- 54	GARDEN ST WC-R FROST 10	HAMILTON TWP	B-17	85	194- 243		1962	MRPA-M	W	P
21- 92	CHAMPALE INC-YARDSIDE	TRENTON CITY	B-16	27	70- 80	10	1961	MRPA	U	U
21- 93	ROEBLING & SONS	TRENTON CITY	B-16	30	125- 147	10	1940	MRPA	W	N
21- 95	ALLENTOWN WD 1	WASHINGTON TWP	C-17	70	263- 273	10	1952	MRPA-U	W	P
21- 147	PUB SERV E-G-DUCK ISL 1	TRENTON CITY	B-16	10	43- 63	14	1977	MRPA	W	N
21- 202	HAMILTON SQUARE WC 6	HAMILTON TWP	B-17	100	228**		1950	MRPA	W	P
21- 203	CHAMPALE INC-OLD WELL	TRENTON CITY	B-16	27	90**		1950	MRPA	W	N
21- 207	HAND,WILLIAM 1-1930	WEST WINDSOR TWP	B-18	100	90- 95	6	1930	MRPA	W	I
33- 64	EI DUPONT-COURSE LAND 3A	MANNINGTON TWP	C-4	30	375- 575*	6	1966	MRPA-M	O	U
33- 65	EI DUPONT-COURSE LAND 3B	MANNINGTON TWP	C-4	30	501- 512	2	1966	MRPA-M	O	U
33- 66	EI DUPONT-COURSE LAND 3C	MANNINGTON TWP	C-4	30	375- 386	2	1966	MRPA-M	O	U
33- 67	EI DUPONT-COURSE LAND P1	MANNINGTON TWP	C-4	10	445- 601	12	1966	MRPA-M	W	I
33- 69	NJ TPKE SERV AREA 1N-1	OLDMANS TWP	B-4	40	313- 333	8	1953	MRPA-M	W	N
33- 70	NJ TPKE SERV AREA 1N-2	OLDMANS TWP	B-4	40	330**	6		MRPA-M	W	N
33- 74	OLDSMANS TWP WD 1	OLDMANS TWP	B-5	80	185- 206	6	1968	MRPA-U	W	P
33- 75	BSA-AUBURN HILL CAMP	OLDMANS TWP	B-5	17	129- 134	6	1941	MRPA-U	W	T
33- 76	DAWSON, H W	OLDMANS TWP	B-5	27	118- 123	4	1957	MRPA-U	W	H
33- 77	PENNS GROVE WSC-PEDTN 11	OLDMANS TWP	B-5	10	133- 178	8	1936	MRPA-M	Z	U
33- 80	AIRCO INDUSTRIAL GASES 1	OLDMANS TWP	A-5	12	112- 132	12	1963	MRPA-M	W	N
33- 83	BF GOODRICH CO 9	OLDMANS TWP	A-5	10	93- 133	12	1968	MRPA-M	W	N
33- 85	BF GOODRICH CO 6	OLDMANS TWP	A-5	10	109- 129	6	1967	MRPA-M	W	N
33- 86	BF GOODRICH CO 4	OLDMANS TWP	A-5	13	169- 189	6	1967	MRPA-L	W	N
33- 103	PENNS GROVE SEW AUTH 1	PENNS GROVE BORO	A-4	2	50- 60	8	1955	MRPA-M	W	Z
33- 105	DILWORTH, J R	PENNSVILLE TWP	C-2	10	256- 263	4	1950	MRPA-U	U	U

TABLE 1.--RECORDS OF SELECTED WELLS.--Continued.

Well Number	Local Well Identifier	Municipality	Index for Plate 1	Altitude of Land Surface[1] (ft)	Screen Setting[2] (ft)	Screen Diameter (in)	Year Drilled	Aquifer Unit[3]	Use of Site[4]	Use of Water[5]
33- 106	LINSKI, ALEX 2-1962	PENNSVILLE TWP	C-3	5	359- 365	4	1962	MRPA-M	W	H
33- 107	NJDEP-FT MOTT STATE PK 1	PENNSVILLE TWP	B-2	8	300- 320	8	1900	MRPA-M	W	T
33- 108	US ARMY-FINNS PT CEM	PENNSVILLE TWP	B-2	7	290- 319	4	1951	MRPA-M	W	T
33- 112	PENNSVILLE TWP WD 4	PENNSVILLE TWP	B-3	10	117- 137	12	1965	MRPA-U	W	P
33- 117	PENNSVILLE TWP WD 3	PENNSVILLE TWP	B-3	7	87- 102	12	1956	MRPA-U	W	P
33- 118	PENNSVILLE TWP WD 1	PENNSVILLE TWP	B-3	8	213- 238	10	1945	MRPA-M	W	P
33- 119	PENNSVILLE TWP WD 2	PENNSVILLE TWP	B-3	7	210- 230	10	1949	MRPA-M	W	P
33- 121	ATL CITY EL-DEEPWATER 3	PENNSVILLE TWP	B-3	19	171- 250	15	1929	MRPA-M	Z	U
33- 122	ATL CITY EL-DEEPWATER 3R	PENNSVILLE TWP	B-3	10	165- 235	12	1970	MRPA-M	W	N
33- 123	ATL CITY EL-DEEPWATER 2	PENNSVILLE TWP	B-3	10	158- 250	15	1929	MRPA-M	W	N
33- 125	ATL CITY EL-DEEPWATER 5	PENNSVILLE TWP	B-3	10	149- 219*	10	1953	MRPA-M	W	N
33- 126	EI DUPONT-RANNEY 7	PENNSVILLE TWP	B-3	15	52- 140	12	1966	MRPA-U	W	N
33- 127	ATL CITY EL-DEEPWATER 6	PENNSVILLE TWP	B-3	10	158- 188	12	1958	MRPA-M	W	N
33- 128	EI DUPONT-RANNEY 6	PENNSVILLE TWP	B-3	15	50- 60	6	1966	MRPA-U	W	N
33- 135	EI DUPONT-RANNEY 5	PENNSVILLE TWP	B-3	16	47- 116	12	1963	MRPA-U	W	N
33- 137	EI DUPONT-DRINKWATER 8	PENNSVILLE TWP	B-3	14	317- 347	10	1943	MRPA-L	W	N
33- 147	SALEM CO OFFICE BLDG 1	PILESGROVE TWP	C-4	40	361- 368	4	1958	MRPA-U	W	T
33- 158	ACME MARKETS 1	PILESGROVE TWP	D-4	57	562- 575	4	1960	MRPA-M	W	C
33- 163	RICHMAN ICE CREAM 1	PILESGROVE TWP	C-4	25	455- 475	8	1948	MRPA-M	W	N
33- 164	RICHMAN ICE CREAM 2	PILESGROVE TWP	C-4	20	418- 446	10	1946	MRPA-M	W	N
33- 165	EI DUPONT-COURSE LAND 4A	PILESGROVE TWP	C-4	47	634- 644	2	1966	MRPA-M	O	U
33- 166	EI DUPONT-COURSE LAND 4B	PILESGROVE TWP	C-4	47	568- 578	2	1967	MRPA-M	O	U
33- 167	EI DUPONT-COURSE LAND 4C	PILESGROVE TWP	C-4	47	430- 440	2	1966	MRPA-M	O	U
33- 182	DAVIS, ALLEN	PILESGROVE TWP	C-5	86	323- 335	4	1959	MRPA-U	W	H
33- 187	USGS-POINT AIRY OBS	PILESGROVE TWP	C-5	73	664- 672	4	1958	MRPA-M	O	U
33- 194	KELLY, W F	PILESGROVE TWP	C-5	90	500- 510	3	1960	MRPA-M	W	H
33- 198	DUBOIS BROTHERS IRR 74	PILESGROVE TWP	C-5	51	337- 362	8	1974	MRPA-M	W	I
33- 251	USGS-SALEM 1 OBS	SALEM CITY	C-2	3	699- 709	6	1965	MRPA-M	O	U
33- 253	USGS-SALEM 3 OBS	SALEM CITY	C-2	3	335- 340	6	1965	MRPA-U	O	U
33- 299	EI DUPONT-COURSE LAND 1A	CARNEYS PT TWP	C-4	26	604- 614	2	1966	MRPA-M	O	U
33- 300	EI DUPONT-COURSE LAND 1B	CARNEYS PT TWP	C-4	25	507- 517	2	1966	MRPA-M	O	U
33- 301	EI DUPONT-COURSE LAND 1C	CARNEYS PT TWP	C-4	26	404- 415	2	1966	MRPA-M	O	U
33- 302	EI DUPONT-COURSE LAND 2A	CARNEYS PT TWP	C-4	30	583- 593	2	1966	MRPA-M	O	U
33- 303	EI DUPONT-COURSE LAND 2B	CARNEYS PT TWP	C-4	30	533- 544	2	1966	MRPA-M	O	U
33- 304	EI DUPONT-COURSE LAND 2C	CARNEYS PT TWP	C-4	30	435- 445	2	1966	MRPA-M	O	U
33- 305	EI DUPONT-COURSE LAND P3	CARNEYS PT TWP	C-4	14	381- 457	12	1966	MRPA-M	W	N
33- 307	EI DUPONT-RANNEY 1	CARNEYS PT TWP	B-4	8	60**			MRPA-U	Z	U
33- 308	EI DUPONT-RANNEY 2	CARNEYS PT TWP	B-4	18	396- 480	8	1955	MRPA-L	W	N
33- 309	EI DUPONT-RANNEY 3	CARNEYS PT TWP	B-4	18	49- 69	12	1960	MRPA-U	W	N
33- 310	EI DUPONT-RANNEY 4	CARNEYS PT TWP	B-4	8	49- 69	12	1962	MRPA-U	W	N
33- 322	EI DUPONT-CARNEY PT 2	CARNEYS PT TWP	B-4	5	169- 219	12	1933	MRPA-M	W	N
33- 325	EI DUPONT-CARNEY PT 3	CARNEYS PT TWP	B-4	5	71- 102	18	1933	MRPA-M	U	U
33- 326	EI DUPONT-CARNEY PT 4	CARNEYS PT TWP	B-4	5	71- 86	16	1955	MRPA-M	W	N
33- 328	EI DUPONT-CARNEY PT 1	CARNEYS PT TWP	B-4	5	175- 195	12	1967	MRPA-M	W	N
33- 330	PENNS GROVE WC-LAYTON 11	CARNEYS PT TWP	B-4	16	351- 394	8	1944	MRPA-L	W	P
33- 333	EI DUPONT-CARNEY PT 5	CARNEYS PT TWP	B-4	5	51- 81	12	1957	MRPA-M	W	N
33- 334	EI DUPONT-CARNEY PT 6	CARNEYS PT TWP	B-4	5	157- 181*	12	1957	MRPA-M	W	N
33- 335	EI DUPONT-CARNEY PT 7	CARNEYS PT TWP	B-4	11	260- 434*	18	1967	MRPA-L	W	N
33- 342	PENNS GROVE 24 OBS	CARNEYS PT TWP	B-4	17.9	46- 51	6	1941	MRPA-U	O	U
33- 345	PENNS GROVE WC 2B	CARNEYS PT TWP	B-4	19	45- 58	12	1944	MRPA-U	W	P
33- 346	PENNS GROVE WC-LAYNE 1	CARNEYS PT TWP	B-4	19	317- 357	12	1956	MRPA-L	W	P
33- 347	PENNS GROVE WC-RANNEY	CARNEYS PT TWP	B-4	17	34**	192	1939	HPPM	W	P
33- 353	WOODSTOWN BORO WD 1	WOODSTOWN BORO	C-5	45	665- 703	8	1927	MRPA-M	Z	U
33- 354	WOODSTOWN BORO WD 2	WOODSTOWN BORO	C-5	45	670- 705	8	1946	MRPA-M	W	P
33- 355	WOODSTOWN ICE & COAL 1	WOODSTOWN BORO	D-5	58	340- 360	8	1927	MRPA-U	W	N
33- 360	PENNSVILLE T WD 5	PENNSVILLE TWP	B-3	10	101- 117	12	1979	MRPA-U	W	P
33- 361	PENNS GROVE WC-LAYTN1-79	CARNEYS PT TWP	B-4	13	54- 64	12	1978	MRPA-U	W	P
33- 362	WOODSTOWN BORO WD 3	WOODSTOWN BORO	D-5	60	692- 712	10	1975	MRPA-M	W	P
33- 364	PSEG-SALEM NUC GEN STA 5	L ALLOWAYS CK TWP	D-1	17	765- 840	12	1974	MRPA-M	W	N
33- 401	PUBLIC SERVICE TEST 1-80	L ALLOWAYS CK TWP	D-1	20	1115-1135	12	1980	MRPA	T	U
33- 419	NL INDUSTRIES MON 8R	OLDMANS TWP	A-5	14.0	101- 108	4	1980	MRPA-M	O	U
33- 420	NL INDUSTRIES MON 9R2	OLDMANS TWP	A-5	14.4	53- 61	4	1980	MRPA	O	U
33- 421	SPARKS, MAYHEW	MANNINGTON TWP	B-4	15	332- 340	3	1967	MRPA-M	W	H
33- 428	PENNS GROVE WC 2A	CARNEYS PT TWP	B-4	19	60**		1944	HPPM	W	P

TABLE 1.--RECORDS OF SELECTED WELLS.--Continued.

FOOTNOTES

1 REFERENCED TO NATIONAL GEODETIC VERTICAL DATUM OF 1929.
2 REFERENCED TO LAND SURFACE
  * INDICATES WELL HAS MULTIPLE SCREENS.
  ** TOTAL WELL DEPTH, SCREEN SETTING UNKNOWN

3 AQUIFER UNITS

MRPA	POTOMAC-RARITAN-MAGOTHY AQUIFER SYSTEM-UNDIFFERENTIATED
MRPA-U	POTOMAC-RARITAN-MAGOTHY AQUIFER SYSTEM-UPPER AQUIFER UNIT
MRPA-M	POTOMAC-RARITAN-MAGOTHY AQUIFER SYSTEM-MIDDLE AQUIFER UNIT
MRPA-L	POTOMAC-RARITAN-MAGOTHY AQUIFER SYSTEM-LOWER AQUIFER UNIT
HPPM	HOLOCENE-PLEISTOCENE-PLEIOCENE-MIOCENE DEPOSITS

4 USE OF SITE

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

5 USE OF WATER

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

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Temperature (°C)	Specific Conductance (micromhos) Field	Specific Conductance (micromhos) Lab	pH (Units) Field	pH (Units) Lab	Alkalinity (As CaCO3) Field	Alkalinity (As CaCO3) Lab	Dissolved Oxygen	Hardness (As CaCO3) Total	Hardness (As CaCO3) Noncarbonate
5- 39	NJ WC-DEL VALLEY WC 15	14SEP54	13.5	-	206	-	6.3	-	29	-	68	39
5- 39	NJ WC-DEL VALLEY WC 15	16APR69	14.0	-	210	-	7.2	-	-	-	64	53
5- 39	NJ WC-DEL VALLEY WC 15	30JUN80	13.5	207	-	5.5	-	11	-	-	61	50
5- 39	NJ WC-DEL VALLEY WC 15	17DEC82	13.5	205	190	5.5	6.0	14	-	5.6	65	51
5- 43	OCEAN SPRAY 1	05JUN80	13.5	157	-	6.6	-	62	-	-	56	0
5- 45	SANDMAN MOTEL 1	03JUL67	16.0	-	259	-	8.2	-	98	-	120	27
5- 48	NJ DEPT DEF-NAT GUARD 1	03JUL67	15.0	-	129	-	7.9	-	-	-	57	12
5- 48	NJ DEPT DEF-NAT GUARD 1	04OCT71	13.0	-	134	6.6	6.6	58	44	-	56	0
5- 48	NJ DEPT DEF-NAT GUARD 1	05JUN80	13.5	156	-	6.6	-	59	-	-	53	0
5- 51	BURLINGTON CITY WD 3	24MAY51	13.0	-	318	-	7.2	-	72	-	99	27
5- 51	BURLINGTON CITY WD 3	19MAY52	-	-	313	-	6.5	-	74	-	99	25
5- 51	BURLINGTON CITY WD 3	16APR64	14.0	-	303	-	6.6	-	64	-	-	-
5- 51	BURLINGTON CITY WD 3	12JUN80	14.5	317	-	6.3	-	69	-	-	94	25
5- 55	BURLINGTON CITY WD 6	06JUL70	14.0	-	182	-	6.4	-	-	-	69	27
5- 63	WILLINGBORO MUA 1-OBS	25JUL80	14.0	241	-	6.7	-	84	-	-	86	2
5- 67	DEACON, RUSSELL 1	03JUL67	14.5	-	188	-	7.9	-	-	-	86	6
5- 76	HEAL, CHARLES	19JUN80	13.5	250	-	6.3	-	28	-	-	27	0
5- 77	BURLINGTON TWP WD 1-1973	12JUN80	14.5	208	-	6.8	-	81	-	-	85	4
5- 86	TENNECO CHEM 5	12AUG82	15.0	320	328	5.2	5.2	6	-	-	84	78
5- 87	TENNECO CHEM 5-OBS	27JUN75	13.5	210	-	4.6	-	-	2	-	46	44
5- 87	TENNECO CHEM 5-OBS	22APR76	13.5	-	230	5.0	-	-	4	-	72	68
5- 87	TENNECO CHEM 5-OBS	25JUL80	15.0	204	-	5.9	-	11	-	-	58	47
5- 89	TENNECO CHEM 7	20JUN80	13.5	212	-	4.8	-	2	-	-	55	53
5- 89	TENNECO CHEM 7	12AUG82	14.0	177	173	4.9	4.7	3	-	-	46	43
5- 91	TENNECO CHEM 4	30JUL82	14.0	345	353	6.1	6.2	55	-	2.3	110	52
5- 92	TENNECO CHEM 1	25JUL80	15.0	586	-	5.2	-	14	-	-	130	120
5- 94	TENNECO CHEM 3	20JUN80	15.0	389	-	5.9	-	45	-	-	120	73
5- 97	HERCULES POWDER 1	03MAY51	13.0	-	49	-	5.6	-	2	-	15	13
5- 97	HERCULES POWDER 1	30JUN67	13.5	-	125	-	7.0	-	-	-	37	21
5-100	HERCULES POWDER 2	11JUN80	20.5	204	-	6.4	-	63	-	-	47	0
5-102	COLUMBUS METAL 1	11JUN80	13.5	56	-	6.0	-	16	-	-	10	0
5-105	HOOKER CHEM CO-PROD 1	26JUN80	12.5	110	-	5.2	-	4	-	-	33	29
5-105	HOOKER CHEM CO-PROD 1	16DEC82	12.5	128	130	5.4	6.1	4	-	6.0	36	32
5-117	GRAY,FRANCIS 1	13JUN61	16.5	-	128	-	6.5	-	49	-	54	5
5-117	GRAY,FRANCIS 1	03JUL67	16.5	-	124	-	7.9	-	-	-	53	4
5-118	LIPTAK,E A 1	03JUL67	15.0	-	174	-	7.8	-	-	-	81	6
5-121	NJ STATE REFORMATORY 4	05JUN80	13.5	88	-	6.3	-	34	-	-	28	0
5-123	NJ WC-DEL VALLEY WC 28	06AUG80	14.0	80	-	5.4	-	5	-	-	19	14
5-123	NJ WC-DEL VALLEY WC 28	02DEC82	13.5	84	77	4.7	5.8	2	-	9.3	21	19
5-126	NJ WC-DEL VALLEY WC 12	06AUG80	14.0	149	-	5.0	-	2	-	-	37	35
5-126	NJ WC-DEL VALLEY WC 12	17DEC82	13.5	109	106	4.5	5.5	0	-	9.5	27	27
5-127	NJ WC-DEL VALLEY WC 14	18AUG66	13.0	-	140	-	6.8	-	-	-	32	5
5-127	NJ WC-DEL VALLEY WC 14	30JUN80	13.0	117	-	4.7	-	2	-	-	30	28
5-127	NJ WC-DEL VALLEY WC 14	02DEC82	14.5	105	104	3.9	4.1	0	-	6.6	30	30
5-130	NJ WC-DEL VALLEY WC 13	18AUG66	13.5	-	72	-	5.7	-	-	-	20	14
5-130	NJ WC-DEL VALLEY WC 13	30JUN80	13.5	124	-	4.9	-	2	-	-	33	31
5-130	NJ WC-DEL VALLEY WC 13	02DEC82	14.0	142	128	4.1	5.2	0	-	7.9	39	39
5-137	TAYLOR 2 OBS	27JUN75	13.0	250	228	5.8	-	-	17	-	76	59
5-137	TAYLOR 2 OBS	27APR76	13.0	250	-	6.0	-	-	16	-	75	59
5-139	HOLIDAY LAKE WORTHINGTON	29AUG80	15.0	106	-	5.7	-	6	-	-	31	25
5-140	CHANT, HARRY	29AUG80	13.5	72	-	6.7	-	25	-	-	18	0
5-143	NJ WC-DEL VALLEY WC 23	02DEC82	14.0	-	104	-	4.9	0	-	8.3	28	28
5-144	NJ WC-DEL VALLEY WC 24	30JUN80	13.5	126	-	4.6	-	0	-	-	21	21
5-162	DAYMENN CONVERTING	19JUN80	16.5	250	-	5.2	-	9	-	-	76	67
5-167	EVESHAM MUA 5	01SEP82	17.0	221	218	7.9	8.0	86	-	0.3	87	1
5-170	EVESHAM MUA 1	11AUG66	-	-	252	-	7.1	-	-	-	110	25
5-171	EVESHAM MUA 2	11AUG66	-	-	255	-	7.7	-	-	-	110	17
5-180	WORKMAN,JAMES 1	03JUL67	13.0	-	172	-	7.0	-	-	-	59	51
5-184	HUNT BROS CIRCUS	06JUN80	13.5	248	-	4.9	-	2	-	-	63	61
5-185	SHERWATT EQUIPMENT 1	06JUN80	13.5	219	-	6.7	-	102	-	-	80	0
5-189	FLORENCE TWP WD 2	12JUN80	14.0	272	-	6.1	-	35	-	-	80	45
5-189	FLORENCE TWP WD 2	16DEC82	13.0	250	303	5.8	6.1	30	-	10.4	69	39
5-190	FLORENCE TWP WD 1	23SEP52	-	-	67	-	6.1	-	7	-	15	8
5-190	FLORENCE TWP WD 1	30APR64	13.0	-	44	-	6.2	-	10	-	12	2
5-192	FRED WORTH AND SONS 1	09JUL70	13.5	-	128	-	4.8	-	-	-	13	13
5-201	ACACIA LUMBERTON MANOR	14SEP82	15.0	210	209	7.5	7.4	87	-	0.5	85	0
5-208	COLUMBUS WC 2	22MAY51	14.0	-	190	-	7.6	-	84	-	88	4
5-208	COLUMBUS WC 2	16AUG67	13.5	-	185	-	7.0	-	-	-	83	1
5-208	COLUMBUS WC 2	22OCT80	14.0	183	-	7.2	7.4	85	-	-	85	0
5-209	COLUMBUS WC-TEST 1969	05OCT71	15.0	188	193	7.1	7.3	88	80	-	84	0

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Diss. Sodium	Diss. Potassium	Diss. Calcium	Diss. Magnesium	Diss. Silica	Diss. Chloride	Diss. Sulfate	Diss. Fluoride
5- 39	NJ WC-DEL VALLEY WC 15	14SEP54	14	-	-	-	-	9.8	-	-
5- 39	NJ WC-DEL VALLEY WC 15	16APR69	-	-	10	9.4	-	11	46	-
5- 39	NJ WC-DEL VALLEY WC 15	30JUN80	9.4	3.9	9.4	9.1	12	12	42	-
5- 39	NJ WC-DEL VALLEY WC 15	17DEC82	11	3.9	9.9	9.8	13	12	42	<0.1
5- 43	OCEAN SPRAY 1	05JUN80	3.1	2.4	17	3.2	10	2.1	12	-
5- 45	SANDMAN MOTEL 1	03JUL67	2.7	5.1	40	6.0	9.8	2.0	36	0.0
5- 48	NJ DEPT DEF-NAT GUARD 1	03JUL67	2.5	1.1	18	3.0	7.8	2.1	16	0.2
5- 48	NJ DEPT DEF-NAT GUARD 1	04OCT71	2.2	2.7	17	3.3	8.7	2.0	17	0.1
5- 48	NJ DEPT DEF-NAT GUARD 1	05JUN80	2.3	2.5	16	3.1	9.3	1.8	16	-
5- 51	BURLINGTON CITY WD 3	24MAY51	14	10	23	10	10	20	38	0.2
5- 51	BURLINGTON CITY WD 3	19MAY52	-	-	-	-	-	20	43	-
5- 51	BURLINGTON CITY WD 3	16APR64	20	-	-	-	-	18	46	-
5- 51	BURLINGTON CITY WD 3	12JUN80	16	9.2	22	9.5	11	18	53	-
5- 55	BURLINGTON CITY WD 6	06JUL70	7.5	2.6	15	7.7	7.3	10	28	0.0
5- 63	WILLINGBORO MUA 1-OBS	25JUL80	3.1	4.3	25	5.6	8.2	1.0	40	-
5- 67	DEACON, RUSSELL 1	03JUL67	4.5	4.0	27	4.5	8.4	2.1	16	0.1
5- 76	HEAL, CHARLES	19JUN80	6.6	1.4	6.1	2.8	13	15	65	-
5- 77	BURLINGTON TWP WD 1-1973	12JUN80	3.2	5.0	26	4.7	10	2.3	20	-
5- 86	TENNECO CHEM 5	12AUG82	14	2.8	17	10	9.0	17	85	<0.1
5- 87	TENNECO CHEM 5-OBS	27JUN75	7.5	2.3	11	4.5	13	17	20	0.1
5- 87	TENNECO CHEM 5-OBS	22APR76	7.5	2.7	16	7.8	14	18	31	0.1
5- 87	TENNECO CHEM 5-OBS	25JUL80	8.0	2.5	13	6.1	15	18	23	-
5- 89	TENNECO CHEM 7	20JUN80	6.4	2.0	11	6.5	9.2	11	55	-
5- 89	TENNECO CHEM 7	12AUG82	6.3	1.6	9.9	5.2	9.7	13	42	<0.1
5- 91	TENNECO CHEM 4	30JUL82	20	2.8	23	12	7.5	25	67	<0.1
5- 92	TENNECO CHEM 1	25JUL80	26	3.0	29	14	11	20	240	-
5- 94	TENNECO CHEM 3	20JUN80	25	3.3	24	14	7.4	30	83	-
5- 97	HERCULES POWDER 1	03MAY51	2.8	0.5	3.6	1.5	12	3.2	14	0.0
5- 97	HERCULES POWDER 1	30JUN67	7.2	1.6	8.2	4.1	9.6	8.5	28	0.0
5-100	HERCULES POWDER 2	11JUN80	5.9	1.3	11	4.8	11	6.6	29	-
5-102	COLUMBUS METAL 1	11JUN80	2.2	0.7	2.4	0.9	11	1.9	8.1	-
5-105	HOOKER CHEM CO-PROD 1	26JUN80	4.2	1.7	6.1	4.3	11	6.5	25	-
5-105	HOOKER CHEM CO-PROD 1	16DEC82	7.2	2.0	6.5	4.7	11	12	33	<0.1
5-117	GRAY,FRANCIS 1	13JUN61	2.5	2.5	17	2.8	9.3	2.6	11	0.1
5-117	GRAY,FRANCIS 1	03JUL67	2.4	2.7	16	3.1	7.6	2.0	12	0.0
5-118	LIPTAK,E A 1	03JUL67	4.7	1.0	26	3.8	9.1	2.1	13	0.1
5-121	NJ STATE REFORMATORY 4	05JUN80	2.0	-	8.5	1.7	8.2	1.9	8.4	-
5-123	NJ WC-DEL VALLEY WC 28	06AUG80	5.4	1.7	4.4	2.0	8.3	7.2	0.1	-
5-123	NJ WC-DEL VALLEY WC 28	02DEC82	5.7	1.6	5.0	2.1	8.3	7.1	<1.0	<0.1
5-126	NJ WC-DEL VALLEY WC 12	06AUG80	9.4	2.3	7.4	4.4	9.3	18	7.8	-
5-126	NJ WC-DEL VALLEY WC 12	17DEC82	7.1	2.0	6.2	2.9	8.9	12	2.0	<0.1
5-127	NJ WC-DEL VALLEY WC 14	18AUG66	16	2.1	6.0	4.2	7.3	8.2	11	0.0
5-127	NJ WC-DEL VALLEY WC 14	30JUN80	4.8	2.4	5.7	3.7	7.6	11	13	-
5-127	NJ WC-DEL VALLEY WC 14	02DEC82	5.3	2.4	5.9	3.8	8.1	10	14	<0.1
5-130	NJ WC-DEL VALLEY WC 13	18AUG66	4.3	1.6	5.0	1.8	7.6	7.0	3.2	0.1
5-130	NJ WC-DEL VALLEY WC 13	30JUN80	5.4	2.0	7.4	3.4	8.4	9.2	16	-
5-130	NJ WC-DEL VALLEY WC 13	02DEC82	7.0	2.2	8.6	4.2	8.9	10	20	<0.1
5-137	TAYLOR 2 OBS	27JUN75	3.6	9.3	18	7.5	5.6	4.8	62	<0.1
5-137	TAYLOR 2 OBS	27APR76	3.2	10	16	8.5	5.4	7.3	47	<0.1
5-139	HOLIDAY LAKE WORTHINGTON	29AUG80	4.5	2.1	7.8	2.8	11	6.0	18	-
5-140	CHANT, HARRY	29AUG80	3.6	1.7	4.9	1.3	13	5.4	4.7	-
5-143	NJ WC-DEL VALLEY WC 23	02DEC82	5.9	2.7	5.1	3.7	9.7	8.8	17	<0.1
5-144	NJ WC-DEL VALLEY WC 24	30JUN80	9.5	3.1	3.9	2.7	10	10	19	-
5-162	DAYMENN CONVERTING	19JUN80	11	2.9	12	11	12	25	40	-
5-167	EVESHAM MUA 5	01SEP82	5.3	8.2	25	6.0	8.7	0.7	23	0.2
5-170	EVESHAM MUA 1	11AUG66	2.5	8.8	31	7.7	8.7	1.2	35	0.0
5-171	EVESHAM MUA 2	11AUG66	3.5	7.0	31	7.6	8.0	0.6	36	0.1
5-180	WORKMAN,JAMES 1	03JUL67	5.0	2.5	9.6	8.5	6.2	13	42	0.0
5-184	HUNT BROS CIRCUS	06JUN80	14	3.0	9.3	9.7	10	30	48	-
5-185	SHERWATT EQUIPMENT 1	06JUN80	3.2	2.9	24	4.7	18	2.7	8.3	-
5-189	FLORENCE TWP WD 2	12JUN80	18	2.7	16	9.6	9.0	27	37	-
5-189	FLORENCE TWP WD 2	16DEC82	18	1.9	14	8.2	11	33	40	<0.1
5-190	FLORENCE TWP WD 1	23SEP52	-	-	-	-	-	9.2	5.0	-
5-190	FLORENCE TWP WD 1	30APR64	-	-	-	-	-	2.5	4.0	-
5-192	FRED WORTH AND SONS 1	09JUL70	2.3	4.8	1.9	2.1	15	12	16	0.0
5-201	ACACIA LUMBERTON MANOR	14SEP82	3.4	6.9	26	4.9	8.7	1.0	19	<0.1
5-208	COLUMBUS WC 2	22MAY51	2.6	5.5	28	4.5	8.4	1.2	12	0.1
5-208	COLUMBUS WC 2	16AUG67	2.7	5.4	27	3.9	7.1	1.9	13	0.0
5-208	COLUMBUS WC 2	22OCT80	2.2	5.1	28	3.6	8.1	1.0	11	-
5-209	COLUMBUS WC-TEST 1969	05OCT71	2.3	5.1	27	4.0	7.6	1.0	14	0.1

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Total Iron (ug/L)	Diss. Iron (ug/L)	Total Manganese (ug/L)	Diss. Manganese (ug/L)	Diss. Organic Carbon	Dissolved Solids Residue at 180°C	Dissolved Solids Sum of Constituents
5- 39	NJ WC-DEL VALLEY WC 15	14SEP54	-	-	-	-	-	-	-
5- 39	NJ WC-DEL VALLEY WC 15	16APR69	-	-	-	-	-	-	-
5- 39	NJ WC-DEL VALLEY WC 15	30JUN80	-	35	-	4	4.1	143	137
5- 39	NJ WC-DEL VALLEY WC 15	17DEC82	-	<3	-	2	0.6	127	110
5- 43	OCEAN SPRAY 1	05JUN80	-	6000	-	97	3.3	94	93
5- 45	SANDMAN MOTEL 1	03JUL67	4200	-	40	-	-	177	161
5- 48	NJ DEPT DEF-NAT GUARD 1	03JUL67	6600	-	100	-	-	84	78
5- 48	NJ DEPT DEF-NAT GUARD 1	04OCT71	-	8100	-	100	-	83	80
5- 48	NJ DEPT DEF-NAT GUARD 1	05JUN80	-	8900	-	120	1.9	87	96
5- 51	BURLINGTON CITY WD 3	24MAY51	2000	-	3600	-	-	203	178
5- 51	BURLINGTON CITY WD 3	19MAY52	5200	-	-	-	-	-	-
5- 51	BURLINGTON CITY WD 3	16APR64	-	-	-	-	-	-	-
5- 51	BURLINGTON CITY WD 3	12JUN80	-	6200	-	780	4.5	196	191
5- 55	BURLINGTON CITY WD 6	06JUL70	-	50	-	10	-	89	109
5- 63	WILLINGBORO MUA 1-OBS	25JUL80	-	10000	-	180	0.4	147	149
5- 67	DEACON, RUSSELL 1	03JUL67	7200	-	100	-	-	119	115
5- 76	HEAL, CHARLES	19JUN80	-	79000	-	2700	3.9	169	209
5- 77	BURLINGTON TWP WD 1-1973	12JUN80	-	2800	-	63	7.0	119	124
5- 86	TENNECO CHEM 5	12AUG82	-	11000	-	700	0.7	228	201
5- 87	TENNECO CHEM 5-OBS	27JUN75	6300	100	360	360	1.0	134	77
5- 87	TENNECO CHEM 5-OBS	22APR76	2300	210	430	430	2.1	142	100
5- 87	TENNECO CHEM 5-OBS	25JUL80	-	880	-	560	0.6	164	133
5- 89	TENNECO CHEM 7	20JUN80	-	6700	-	3000	5.3	154	127
5- 89	TENNECO CHEM 7	12AUG82	-	4800	-	260	0.3	117	95
5- 91	TENNECO CHEM 4	30JUL82	-	150	-	1300	1.5	220	-
5- 92	TENNECO CHEM 1	25JUL80	-	52000	-	1900	0.8	456	410
5- 94	TENNECO CHEM 3	20JUN80	-	290	-	1200	1.3	273	225
5- 97	HERCULES POWDER 1	03MAY51	710	-	150	-	-	41	40
5- 97	HERCULES POWDER 1	30JUN67	3800	-	200	-	-	81	77
5-100	HERCULES POWDER 2	11JUN80	-	19000	-	150	0.9	86	127
5-102	COLUMBUS METAL 1	11JUN80	-	4800	-	52	2.8	38	42
5-105	HOOKER CHEM CO-PROD 1	26JUN80	-	7	-	5	1.1	82	69
5-105	HOOKER CHEM CO-PROD 1	16DEC82	-	19	-	13	0.8	85	79
5-117	GRAY,FRANCIS 1	13JUN61	10000	-	140	-	-	77	78
5-117	GRAY,FRANCIS 1	03JUL67	15000	-	240	-	-	73	76
5-118	LIPTAK,E A 1	03JUL67	6500	-	220	-	-	105	105
5-121	NJ STATE REFORMATORY 4	05JUN80	-	4700	-	78	-	-	56
5-123	NJ WC-DEL VALLEY WC 28	06AUG80	-	4	-	10	0.3	78	60
5-123	NJ WC-DEL VALLEY WC 28	02DEC82	-	6	-	2	0.4	60	-
5-126	NJ WC-DEL VALLEY WC 12	06AUG80	-	21	-	64	1.0	120	87
5-126	NJ WC-DEL VALLEY WC 12	17DEC82	-	14	-	45	0.7	82	41
5-127	NJ WC-DEL VALLEY WC 14	18AUG66	70	-	30	-	-	88	98
5-127	NJ WC-DEL VALLEY WC 14	30JUN80	-	17	-	30	1.9	76	80
5-127	NJ WC-DEL VALLEY WC 14	02DEC82	-	10	-	29	0.6	63	50
5-130	NJ WC-DEL VALLEY WC 13	18AUG66	60	-	20	-	-	59	50
5-130	NJ WC-DEL VALLEY WC 13	30JUN80	-	8	-	38	1.0	77	88
5-130	NJ WC-DEL VALLEY WC 13	02DEC82	-	<3	-	46	0.6	77	61
5-137	TAYLOR 2 OBS	27JUN75	17000	1100	1700	1700	2.8	161	124
5-137	TAYLOR 2 OBS	27APR76	1300	880	1600	1600	0.7	144	110
5-139	HOLIDAY LAKE WORTHINGTON	29AUG80	-	30	-	5	0.6	67	74
5-140	CHANT, HARRY	29AUG80	-	4000	-	48	0.5	47	54
5-143	NJ WC-DEL VALLEY WC 23	02DEC82	-	13	-	110	0.5	64	53
5-144	NJ WC-DEL VALLEY WC 24	30JUN80	-	14	-	100	7.6	82	86
5-162	DAYMENN CONVERTING	19JUN80	-	290	-	340	3.4	160	147
5-167	EVESHAM MUA 5	01SEP82	-	<3	-	18	0.5	154	129
5-170	EVESHAM MUA 1	11AUG66	390	-	0	-	-	148	147
5-171	EVESHAM MUA 2	11AUG66	350	-	0	-	-	153	150
5-180	WORKMAN,JAMES 1	03JUL67	6700	-	140	-	-	104	101
5-184	HUNT BROS CIRCUS	06JUN80	-	820	-	17	2.0	177	127
5-185	SHERWATT EQUIPMENT 1	06JUN80	-	9700	-	96	3.9	125	136
5-189	FLORENCE TWP WD 2	12JUN80	-	7	-	2	10	186	152
5-189	FLORENCE TWP WD 2	16DEC82	-	140	-	5	0.8	148	144
5-190	FLORENCE TWP WD 1	23SEP52	60	-	-	-	-	-	-
5-190	FLORENCE TWP WD 1	30APR64	-	-	-	-	-	-	-
5-192	FRED WORTH AND SONS 1	09JUL70	-	15000	-	150	-	66	54
5-201	ACACIA LUMBERTON MANOR	14SEP82	-	1000	-	23	0.3	113	123
5-208	COLUMBUS WC 2	22MAY51	2500	-	0	-	-	113	114
5-208	COLUMBUS WC 2	16AUG67	760	-	0	-	-	120	111
5-208	COLUMBUS WC 2	22OCT80	-	1600	-	31	2.0	110	112
5-209	COLUMBUS WC-TEST 1969	05OCT71	-	1900	-	20	-	110	110

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Temperature (°C)	Specific Conductance (micromhos) Field	Specific Conductance (micromhos) Lab	pH (Units) Field	pH (Units) Lab	Alkalinity (As CaCO3) Field	Alkalinity (As CaCO3) Lab	Dissolved Oxygen	Hardness (As CaCO3) Total	Hardness (As CaCO3) Noncarbonate
5-212	N BURL CO HIGH SCHOOL 1	22OCT80	14.5	154	-	7.0	7.5	74	-	-	68	0
5-214	WALDER, THOMAS	29JUL80	14.5	170	-	6.6	-	64	-	-	67	3
5-217	TRNPKE JCT IND PARK 1	04OCT71	14.0	178	172	7.0	6.9	78	66	-	78	0
5-228	MAPLE SHADE WD10	28AUG80	16.0	187	-	6.7	-	64	-	-	60	0
5-228	MAPLE SHADE WD10	25OCT82	15.0	178	158	6.6	6.4	64	-	0.3	53	0
5-229	MAPLE SHADE WD 9	29AUG80	14.0	205	-	6.7	-	66	-	-	77	11
5-229	MAPLE SHADE WD 9	25OCT82	14.0	200	180	6.6	6.3	66	-	0.4	69	3
5-231	MAPLE SHADE WD 5	10AUG66	-	-	146	-	6.4	-	-	-	63	10
5-232	MAPLE SHADE WD 8	15JUL80	14.0	148	-	6.1	-	50	-	-	46	0
5-233	MAPLE SHADE WD 4	10AUG66	-	-	115	-	6.1	-	-	-	51	16
5-251	MEDFORD WC 4	15OCT71	-	191	205	7.9	7.4	-	84	-	79	0
5-251	MEDFORD WC 4	14SEP82	17.5	203	203	7.9	7.7	85	-	0.5	78	0
5-252	MEDFORD WC 3	12AUG66	-	-	205	-	7.9	-	-	-	83	0
5-252	MEDFORD WC 3	14SEP82	17.5	207	207	7.9	7.8	86	-	0.4	83	0
5-258	USGS-MEDFORD 1 OBS	08OCT63	15.0	-	244	-	7.7	-	94	-	93	0
5-258	USGS-MEDFORD 1 OBS	20APR72	15.5	210	222	8.0	7.6	-	88	-	91	3
5-258	USGS-MEDFORD 1 OBS	30AUG82	15.5	223	232	8.0	8.0	90	-	0.1	98	8
5-261	USGS-MEDFORD 5 OBS	29APR72	16.5	-	155	-	7.4	-	80	-	62	0
5-261	USGS-MEDFORD 5 OBS	31AUG82	17.0	165	160	7.7	7.5	66	-	0.2	59	0
5-262	USGS-MEDFORD 4 OBS	08MAR67	17.0	-	152	-	7.2	-	57	-	54	0
5-262	USGS-MEDFORD 4 OBS	20SEP67	-	-	236	-	7.4	-	-	-	70	0
5-262	USGS-MEDFORD 4 OBS	21APR72	16.5	245	263	8.3	7.9	80	78	-	68	0
5-262	USGS-MEDFORD 4 OBS	18OCT82	16.0	259	274	8.2	8.3	82	-	0.2	75	0
5-265	MOORESTOWN TWP WD 6	10AUG66	-	-	139	-	6.2	-	-	-	56	18
5-265	MOORESTOWN TWP WD 6	11JUL80	14.5	154	-	6.3	-	60	-	-	52	0
5-268	PRICE BLDRS-LAYNE NY 1	11AUG66	-	-	86	-	6.1	-	-	-	34	6
5-273	MOORESTOWN FIELD CLUB 1	27JUN80	14.0	146	-	6.1	-	67	-	-	35	0
5-274	CAMPBELL SOUP 1 OBS	16AUG66	16.5	-	69	-	5.4	-	-	-	15	12
5-277	CAMPBELL SOUP 3	26JUN80	14.0	63	-	4.9	-	2	-	-	15	13
5-283	MOORESTOWN TWP WD 8	11JUL80	14.0	209	-	6.6	-	92	-	-	83	0
5-284	MOORESTOWN TWP WD 4	10AUG66	-	-	167	-	6.9	-	-	-	72	16
5-284	MOORESTOWN TWP WD 4	18AUG67	13.5	-	166	-	6.6	-	-	-	73	12
5-289	MT HOLLY WC 3	15AUG66	-	-	182	-	7.3	-	-	-	100	23
5-289	MT HOLLY WC 3	23OCT80	14.5	181	-	7.2	-	82	-	-	84	2
5-290	MT HOLLY WC 6	23OCT80	16.5	166	-	7.1	7.4	71	-	-	73	2
5-292	MT HOLLY WC 7	05AUG80	15.0	211	-	6.9	-	81	-	-	88	7
5-301	FELLOWSHIP MOTOR LODGE	20AUG80	15.0	233	-	6.7	-	75	-	-	92	17
5-303	MT LAUREL MUA 1	11AUG66	-	-	155	-	6.6	-	-	-	55	9
5-304	MT LAUREL MUA 2	28AUG80	15.0	211	-	6.8	-	66	-	-	86	20
5-304	MT LAUREL MUA 2	02SEP82	15.5	195	162	6.8	6.9	66	-	0.2	58	0
5-310	NJ TURNPIKE AUTH-MAINT 2	08SEP80	14.5	221	-	7.2	-	86	-	-	90	4
5-313	HAINES,WILLIAM JR-FARM 2	26AUG69	16.0	-	273	-	7.8	-	-	-	120	22
5-317	NJ TURNPIKE AUTH 4N-1	08SEP80	15.0	259	-	7.6	-	98	-	-	110	15
5-322	RANCOCAS WOODS WC 1	07OCT71	-	261	283	7.6	7.5	-	98	-	120	26
5-324	MT LAUREL MUA 3	28AUG80	16.5	192	-	6.9	-	67	-	-	69	2
5-324	MT LAUREL MUA 3	02SEP82	18.0	188	170	6.9	7.0	64	-	0.2	61	0
5-325	MT LAUREL MUA 4	02SEP82	17.0	193	174	6.9	7.1	66	-	0.2	64	0
5-330	US ARMY-FT DIX 4	20NOV43	-	-	-	-	7.1	-	53	-	53	0
5-330	US ARMY-FT DIX 4	28MAY51	18.5	-	135	-	7.1	-	52	-	51	0
5-330	US ARMY-FT DIX 4	05JUN51	-	-	132	-	7.0	-	52	-	54	2
5-330	US ARMY-FT DIX 4	08JUL53	-	-	138	-	7.2	-	52	-	53	0
5-330	US ARMY-FT DIX 4	06JUL54	-	-	148	-	7.3	-	57	-	52	0
5-330	US ARMY-FT DIX 4	18JUN59	18.5	-	134	-	6.4	-	54	-	54	0
5-330	US ARMY-FT DIX 4	24MAY66	-	-	136	-	7.0	-	52	-	54	2
5-330	US ARMY-FT DIX 4	19FEB68	-	-	145	-	6.7	-	-	-	53	5
5-331	US ARMY-FT DIX 1	20NOV43	-	-	-	-	7.7	-	51	-	54	3
5-331	US ARMY-FT DIX 1	28MAY51	18.0	-	136	-	7.1	-	52	-	52	0
5-331	US ARMY-FT DIX 1	05JUN51	-	-	121	-	7.3	-	44	-	46	2
5-331	US ARMY-FT DIX 1	08JUL53	-	-	140	-	7.2	-	52	-	55	3
5-331	US ARMY-FT DIX 1	06JUL54	-	-	133	-	7.8	-	34	-	41	7
5-331	US ARMY-FT DIX 1	18JUN59	-	-	185	-	7.1	-	87	-	78	0
5-331	US ARMY-FT DIX 1	19JUN59	18.0	-	137	-	6.5	-	56	-	51	0
5-331	US ARMY-FT DIX 1	24MAY66	-	-	141	-	7.3	-	53	-	51	0
5-331	US ARMY-FT DIX 1	08JUL69	-	-	135	-	7.6	-	-	-	60	6
5-332	US ARMY-FT DIX 5	25MAY66	-	-	184	-	7.2	-	84	-	79	0
5-332	US ARMY-FT DIX 5	08FEB72	14.0	-	118	-	7.4	-	-	-	37	0
5-333	US ARMY-FT DIX 2	20NOV43	-	-	-	-	7.1	-	53	-	53	0
5-333	US ARMY-FT DIX 2	24MAY66	-	-	138	-	6.7	-	54	-	51	0
5-334	US ARMY-FT DIX 3	20NOV43	-	-	-	-	7.0	-	52	-	57	5
5-334	US ARMY-FT DIX 3	11SEP57	-	-	127	-	6.6	-	39	-	40	1

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Diss. Sodium	Diss. Potassium	Diss. Calcium	Diss. Magnesium	Diss. Silica	Diss. Chloride	Diss. Sulfate	Diss. Fluoride
5-212	N BURL CO HIGH SCHOOL 1	22OCT80	2.1	3.7	22	3.0	8.7	1.9	9.3	-
5-214	WALDER, THOMAS	29JUL80	3.4	3.8	21	3.5	8.7	3.1	13	-
5-217	TRNPKE JCT IND PARK 1	04OCT71	2.4	3.8	25	3.8	8.5	1.8	18	0.1
5-228	MAPLE SHADE WD10	28AUG80	4.7	4.4	18	3.5	13	2.3	26	-
5-228	MAPLE SHADE WD10	25OCT82	4.8	4.1	16	3.2	12	2.7	26	<0.1
5-229	MAPLE SHADE WD 9	29AUG80	2.8	5.1	21	5.7	13	1.2	36	-
5-229	MAPLE SHADE WD 9	25OCT82	3.0	4.9	19	5.2	12	1.7	34	0.2
5-231	MAPLE SHADE WD 5	10AUG66	3.0	4.7	17	4.9	13	5.0	14	0.1
5-232	MAPLE SHADE WD 8	15JUL80	2.0	2.6	12	3.7	12	4.7	16	-
5-233	MAPLE SHADE WD 4	10AUG66	1.8	2.1	14	3.8	10	3.5	15	0.0
5-251	MEDFORD WC 4	15OCT71	5.8	8.8	22	5.8	8.5	0.9	18	0.2
5-251	MEDFORD WC 4	14SEP82	6.6	8.3	22	5.7	9.1	0.9	16	0.2
5-252	MEDFORD WC 3	12AUG66	9.0	8.2	24	5.6	9.1	8.6	19	0.0
5-252	MEDFORD WC 3	14SEP82	4.8	8.4	24	5.6	8.9	0.8	18	0.1
5-258	USGS-MEDFORD 1 OBS	08OCT63	5.2	7.3	27	6.8	9.3	1.7	21	0.1
5-258	USGS-MEDFORD 1 OBS	20APR72	4.4	7.8	26	6.3	8.2	1.0	23	0.2
5-258	USGS-MEDFORD 1 OBS	30AUG82	3.9	6.8	29	6.2	8.7	1.0	22	0.2
5-261	USGS-MEDFORD 5 OBS	29APR72	4.0	7.4	19	3.4	9.0	1.6	13	0.2
5-261	USGS-MEDFORD 5 OBS	31AUG82	4.3	7.0	18	3.3	8.9	1.8	12	0.2
5-262	USGS-MEDFORD 4 OBS	08MAR67	6.5	6.4	17	2.8	11	3.6	13	0.1
5-262	USGS-MEDFORD 4 OBS	20SEP67	17	5.8	21	4.2	10	16	21	0.2
5-262	USGS-MEDFORD 4 OBS	21APR72	21	8.7	20	4.1	8.6	21	20	0.2
5-262	USGS-MEDFORD 4 OBS	18OCT82	21	7.8	21	5.4	9.6	21	20	0.2
5-265	MOORESTOWN TWP WD 6	10AUG66	3.0	4.0	16	3.8	10	2.2	27	0.0
5-265	MOORESTOWN TWP WD 6	11JUL80	2.4	3.4	14	3.9	11	1.6	15	-
5-268	PRICE BLDRS-LAYNE NY 1	11AUG66	1.8	2.1	8.1	3.3	13	3.0	9.4	0.0
5-273	MOORESTOWN FIELD CLUB 1	27JUN80	2.4	2.3	7.7	3.9	14	2.4	5.2	-
5-274	CAMPBELL SOUP 1 OBS	16AUG66	4.6	1.8	3.5	1.6	10	5.8	3.8	0.0
5-277	CAMPBELL SOUP 3	26JUN80	2.6	1.4	3.8	1.3	9.1	4.8	1.8	-
5-283	MOORESTOWN TWP WD 8	11JUL80	3.0	4.6	23	6.0	14	2.0	14	-
5-284	MOORESTOWN TWP WD 4	10AUG66	3.0	4.1	21	4.8	10	2.2	23	0.0
5-284	MOORESTOWN TWP WD 4	18AUG67	2.5	4.2	20	5.5	8.9	2.5	22	0.0
5-289	MT HOLLY WC 3	15AUG66	2.1	3.2	31	5.4	7.3	1.0	32	0.1
5-289	MT HOLLY WC 3	23OCT80	2.7	5.6	27	3.9	8.7	1.0	13	-
5-290	MT HOLLY WC 6	23OCT80	3.2	5.4	23	3.5	8.2	1.3	18	-
5-292	MT HOLLY WC 7	05AUG80	3.6	6.3	27	4.8	8.3	1.7	22	-
5-301	FELLOWSHIP MOTOR LODGE	20AUG80	3.0	6.3	27	5.8	9.6	0.9	39	-
5-303	MT LAUREL MUA 1	11AUG66	6.2	5.5	17	3.0	9.8	3.4	23	0.0
5-304	MT LAUREL MUA 2	28AUG80	3.1	5.7	26	4.8	10	1.7	32	-
5-304	MT LAUREL MUA 2	02SEP82	5.1	4.5	18	3.2	11	2.9	24	<0.1
5-310	NJ TURNPIKE AUTH-MAINT 2	08SEP80	3.0	6.6	27	5.4	11	1.2	22	-
5-313	HAINES,WILLIAM JR-FARM 2	26AUG69	3.7	8.5	37	6.2	8.1	4.0	34	0.2
5-317	NJ TURNPIKE AUTH 4N-1	08SEP80	3.4	7.2	35	6.1	8.3	0.9	33	-
5-322	RANCOCAS WOODS WC 1	07OCT71	3.8	7.8	38	7.1	7.6	0.9	41	0.2
5-324	MT LAUREL MUA 3	28AUG80	5.9	5.5	21	3.7	12	2.8	24	-
5-324	MT LAUREL MUA 3	02SEP82	5.5	5.2	19	3.3	10	3.7	22	0.1
5-325	MT LAUREL MUA 4	02SEP82	5.4	5.2	20	3.3	10	2.7	23	0.1
5-330	US ARMY-FT DIX 4	20NOV43	-	-	16	3.2	8.7	1.9	12	-
5-330	US ARMY-FT DIX 4	28MAY51	-	-	17	2.1	8.8	2.2	10	0.1
5-330	US ARMY-FT DIX 4	05JUN51	-	-	17	2.7	9.4	2.0	11	0.2
5-330	US ARMY-FT DIX 4	08JUL53	-	-	16	3.1	9.4	3.8	13	0.0
5-330	US ARMY-FT DIX 4	06JUL54	-	-	17	2.2	21	2.3	14	0.1
5-330	US ARMY-FT DIX 4	18JUN59	-	-	14	4.7	9.8	1.4	12	0.1
5-330	US ARMY-FT DIX 4	24MAY66	4.0	4.0	17	2.7	9.5	3.7	11	0.1
5-330	US ARMY-FT DIX 4	19FEB68	4.0	4.6	17	2.5	8.6	4.7	16	0.2
5-331	US ARMY-FT DIX 1	20NOV43	-	-	16	3.3	9.2	1.6	13	-
5-331	US ARMY-FT DIX 1	28MAY51	6.7	-	17	2.3	9.0	2.0	11	0.1
5-331	US ARMY-FT DIX 1	05JUN51	-	-	15	2.1	9.7	1.9	10	0.2
5-331	US ARMY-FT DIX 1	08JUL53	-	-	17	3.1	9.9	4.0	13	0.0
5-331	US ARMY-FT DIX 1	06JUL54	-	-	13	2.1	6.5	9.0	16	0.2
5-331	US ARMY-FT DIX 1	18JUN59	-	-	24	4.4	13	1.6	7.1	0.1
5-331	US ARMY-FT DIX 1	19JUN59	9.0	-	16	2.8	9.8	1.8	12	0.1
5-331	US ARMY-FT DIX 1	24MAY66	5.1	4.2	16	2.7	8.7	2.1	11	1.2
5-331	US ARMY-FT DIX 1	08JUL69	3.8	4.7	20	2.5	7.7	1.6	12	0.2
5-332	US ARMY-FT DIX 5	25MAY66	2.8	5.6	24	4.6	9.5	1.4	8.0	0.3
5-332	US ARMY-FT DIX 5	08FEB72	7.2	4.5	11	2.2	7.7	4.2	15	0.3
5-333	US ARMY-FT DIX 2	20NOV43	-	-	16	3.2	8.8	2.2	11	-
5-333	US ARMY-FT DIX 2	24MAY66	4.8	4.0	16	2.7	9.1	1.4	12	0.0
5-334	US ARMY-FT DIX 3	20NOV43	-	-	17	3.5	8.9	1.8	13	-
5-334	US ARMY-FT DIX 3	11SEP57	-	-	13	1.9	9.0	5.2	13	0.0

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Total Iron (ug/L)	Diss. Iron (ug/L)	Total Manganese (ug/L)	Diss. Manganese (ug/L)	Diss. Organic Carbon	Dissolved Solids Residue at 180°C	Dissolved Solids Sum of Constituents
5-212	N BURL CO HIGH SCHOOL 1	22OCT80	-	4900	-	78	4.3	92	100
5-214	WALDER, THOMAS	29JUL80	-	5200	-	67	0.6	100	101
5-217	TRNPKE JCT IND PARK 1	04OCT71	-	5300	-	50	-	101	103
5-228	MAPLE SHADE WD10	28AUG80	-	11000	-	120	0.3	97	122
5-228	MAPLE SHADE WD10	25OCT82	-	11000	-	100	0.8	88	118
5-229	MAPLE SHADE WD 9	29AUG80	-	13000	-	170	0.8	127	138
5-229	MAPLE SHADE WD 9	25OCT82	-	12000	-	140	0.8	96	132
5-231	MAPLE SHADE WD 5	10AUG66	3200	-	0	-	-	91	93
5-232	MAPLE SHADE WD 8	15JUL80	-	13000	-	150	0.4	73	97
5-233	MAPLE SHADE WD 4	10AUG66	3100	-	0	-	-	78	72
5-251	MEDFORD WC 4	15OCT71	230	230	20	20	-	115	120
5-251	MEDFORD WC 4	14SEP82	-	230	-	11	0.3	123	119
5-252	MEDFORD WC 3	12AUG66	460	-	0	-	-	125	136
5-252	MEDFORD WC 3	14SEP82	-	290	-	12	0.6	135	123
5-258	USGS-MEDFORD 1 OBS	08OCT63	2100	-	20	-	-	136	134
5-258	USGS-MEDFORD 1 OBS	20APR72	-	600	-	30	-	135	130
5-258	USGS-MEDFORD 1 OBS	30AUG82	-	370	-	14	1.4	131	132
5-261	USGS-MEDFORD 5 OBS	29APR72	1600	-	50	-	-	102	98
5-261	USGS-MEDFORD 5 OBS	31AUG82	-	3	-	47	0.7	76	95
5-262	USGS-MEDFORD 4 OBS	08MAR67	4	-	130	-	-	104	96
5-262	USGS-MEDFORD 4 OBS	20SEP67	3700	-	80	-	-	153	139
5-262	USGS-MEDFORD 4 OBS	21APR72	-	1600	-	100	-	153	152
5-262	USGS-MEDFORD 4 OBS	18OCT82	-	650	-	60	1.1	158	156
5-265	MOORESTOWN TWP WD 6	10AUG66	3000	-	0	-	-	89	89
5-265	MOORESTOWN TWP WD 6	11JUL80	-	10000	-	130	1.3	73	98
5-268	PRICE BLDRS-LAYNE NY 1	11AUG66	1900	-	0	-	-	59	58
5-273	MOORESTOWN FIELD CLUB 1	27JUN80	-	20000	-	210	2.7	59	99
5-274	CAMPBELL SOUP 1 OBS	16AUG66	210	-	80	-	-	59	49
5-277	CAMPBELL SOUP 3	26JUN80	-	17	-	57	1.4	57	43
5-283	MOORESTOWN TWP WD 8	11JUL80	-	8700	-	85	0.8	106	131
5-284	MOORESTOWN TWP WD 4	10AUG66	3000	-	0	-	-	101	105
5-284	MOORESTOWN TWP WD 4	18AUG67	5800	-	200	-	-	115	103
5-289	MT HOLLY WC 3	15AUG66	2000	-	0	-	-	118	129
5-289	MT HOLLY WC 3	23OCT80	-	1200	-	26	1.7	110	113
5-290	MT HOLLY WC 6	23OCT80	-	1400	-	55	2.0	104	108
5-292	MT HOLLY WC 7	05AUG80	-	1900	-	60	0.2	124	125
5-301	FELLOWSHIP MOTOR LODGE	20AUG80	-	5100	-	94	0.7	137	143
5-303	MT LAUREL MUA 1	11AUG66	3000	-	0	-	-	97	96
5-304	MT LAUREL MUA 2	28AUG80	-	4300	-	140	0.3	116	129
5-304	MT LAUREL MUA 2	02SEP82	-	9300	-	120	0.4	102	118
5-310	NJ TURNPIKE AUTH-MAINT 2	08SEP80	-	2400	-	39	0.7	137	131
5-313	HAINES,WILLIAM JR-FARM 2	26AUG69	900	-	10	-	-	167	160
5-317	NJ TURNPIKE AUTH 4N-1	08SEP80	-	780	-	21	0.4	155	154
5-322	RANCOCAS WOODS WC 1	07OCT71	-	440	-	0	-	172	166
5-324	MT LAUREL MUA 3	28AUG80	-	6500	-	110	0.2	104	123
5-324	MT LAUREL MUA 3	02SEP82	-	4900	-	120	0.4	101	113
5-325	MT LAUREL MUA 4	02SEP82	-	5500	-	90	0.5	101	115
5-330	US ARMY-FT DIX 4	20NOV43	2700	-	-	-	-	80	81
5-330	US ARMY-FT DIX 4	28MAY51	3100	-	-	-	-	84	78
5-330	US ARMY-FT DIX 4	05JUN51	2500	-	-	-	-	81	79
5-330	US ARMY-FT DIX 4	08JUL53	460	-	-	-	-	79	85
5-330	US ARMY-FT DIX 4	06JUL54	2400	-	-	-	-	107	103
5-330	US ARMY-FT DIX 4	18JUN59	2100	-	90	-	-	100	82
5-330	US ARMY-FT DIX 4	24MAY66	1400	-	100	-	-	78	86
5-330	US ARMY-FT DIX 4	19FEB68	2200	-	80	-	-	87	87
5-331	US ARMY-FT DIX 1	20NOV43	3700	-	-	-	-	82	81
5-331	US ARMY-FT DIX 1	28MAY51	2700	-	-	-	-	87	80
5-331	US ARMY-FT DIX 1	05JUN51	3520	-	-	-	-	76	72
5-331	US ARMY-FT DIX 1	08JUL53	530	-	-	-	-	76	87
5-331	US ARMY-FT DIX 1	06JUL54	20	-	-	-	-	87	78
5-331	US ARMY-FT DIX 1	18JUN59	870	-	0	-	-	140	112
5-331	US ARMY-FT DIX 1	19JUN59	2400	-	50	-	-	105	85
5-331	US ARMY-FT DIX 1	24MAY66	1000	-	100	-	-	80	83
5-331	US ARMY-FT DIX 1	08JUL69	2800	-	70	-	-	82	86
5-332	US ARMY-FT DIX 5	25MAY66	290	-	60	-	-	115	107
5-332	US ARMY-FT DIX 5	08FEB72	-	70	-	370	-	83	76
5-333	US ARMY-FT DIX 2	20NOV43	2700	-	-	-	-	83	80
5-333	US ARMY-FT DIX 2	24MAY66	1200	-	50	-	-	84	83
5-334	US ARMY-FT DIX 3	20NOV43	4700	-	-	-	-	83	81
5-334	US ARMY-FT DIX 3	11SEP57	1000	-	30	-	-	85	75

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Temperature (°C)	Specific Conductance (micromhos) Field	Specific Conductance (micromhos) Lab	pH (Units) Field	pH (Units) Lab	Alkalinity (As CaCO3) Field	Alkalinity (As CaCO3) Lab	Dissolved Oxygen	Hardness (As CaCO3) Total	Hardness (As CaCO3) Noncarbonate
5-334	US ARMY-FT DIX 3	24MAY66	-	-	138	-	7.1	-	53	-	51	0
5-335	US AIR FORCE-MCGUIRE D	06FEB57	-	-	169	-	6.9	-	53	-	49	0
5-335	US AIR FORCE-MCGUIRE D	17JAN58	19.0	-	133	-	7.0	-	55	-	50	0
5-335	US AIR FORCE-MCGUIRE D	01MAR61	-	-	135	-	6.9	-	57	-	53	0
5-335	US AIR FORCE-MCGUIRE D	20NOV61	-	-	119	-	7.6	-	61	-	47	0
5-335	US AIR FORCE-MCGUIRE D	21MAR62	19.0	-	134	-	7.1	-	56	-	51	0
5-335	US AIR FORCE-MCGUIRE D	09OCT63	19.0	-	137	-	7.0	-	57	-	52	0
5-335	US AIR FORCE-MCGUIRE D	17MAR64	19.0	-	140	-	8.2	-	56	-	51	0
5-335	US AIR FORCE-MCGUIRE D	04MAY66	19.0	-	138	-	6.9	-	54	-	51	0
5-335	US AIR FORCE-MCGUIRE D	23MAY67	20.0	-	132	-	7.0	-	56	-	50	0
5-335	US AIR FORCE-MCGUIRE D	14MAY68	19.0	-	136	-	6.9	-	-	-	50	0
5-335	US AIR FORCE-MCGUIRE D	17JUN69	19.0	-	137	-	7.2	-	-	-	52	0
5-335	US AIR FORCE-MCGUIRE D	08JAN74	-	-	137	-	7.2	-	54	-	53	0
5-336	US AIR FORCE-MCGUIRE C	16MAR55	-	-	131	-	7.3	-	64	-	51	0
5-336	US AIR FORCE-MCGUIRE C	23MAR59	20.0	-	138	-	6.9	-	54	-	49	0
5-336	US AIR FORCE-MCGUIRE C	24FEB60	18.0	-	132	-	7.0	-	54	-	51	0
5-336	US AIR FORCE-MCGUIRE C	01MAR61	-	-	133	-	6.8	-	55	-	51	0
5-336	US AIR FORCE-MCGUIRE C	20NOV61	-	-	131	-	7.0	-	56	-	51	0
5-336	US AIR FORCE-MCGUIRE C	09OCT63	18.0	-	136	-	7.0	-	57	-	52	0
5-336	US AIR FORCE-MCGUIRE C	17MAR64	19.0	-	135	-	7.0	-	56	-	51	0
5-336	US AIR FORCE-MCGUIRE C	18MAR65	20.0	-	134	-	6.9	-	56	-	54	0
5-336	US AIR FORCE-MCGUIRE C	04MAY66	18.0	-	145	-	6.7	-	49	-	47	0
5-336	US AIR FORCE-MCGUIRE C	23MAY67	19.0	-	130	-	7.0	-	55	-	49	0
5-336	US AIR FORCE-MCGUIRE C	14MAY68	20.0	-	134	-	6.9	-	56	-	50	0
5-336	US AIR FORCE-MCGUIRE C	17JUN69	20.0	-	136	-	7.3	-	54	-	49	0
5-336	US AIR FORCE-MCGUIRE C	08JUN71	-	-	131	-	7.3	-	52	-	48	0
5-336	US AIR FORCE-MCGUIRE C	08JAN74	-	-	125	-	7.5	-	56	-	53	0
5-337	US AIR FORCE-MCGUIRE A	16MAR55	-	-	141	-	7.1	-	54	-	48	0
5-337	US AIR FORCE-MCGUIRE A	06FEB57	-	-	179	-	7.3	-	52	-	44	0
5-337	US AIR FORCE-MCGUIRE A	17JAN58	19.0	-	138	-	6.9	-	51	-	47	0
5-337	US AIR FORCE-MCGUIRE A	23MAR59	19.0	-	142	-	7.0	-	53	-	45	0
5-337	US AIR FORCE-MCGUIRE A	24FEB60	18.0	-	141	-	6.9	-	51	-	49	0
5-337	US AIR FORCE-MCGUIRE A	01MAR61	-	-	139	-	7.1	-	52	-	46	0
5-337	US AIR FORCE-MCGUIRE A	20NOV61	-	-	138	-	7.0	-	52	-	49	0
5-337	US AIR FORCE-MCGUIRE A	09OCT63	20.0	-	140	-	6.9	-	56	-	47	0
5-337	US AIR FORCE-MCGUIRE A	17MAR64	19.0	-	143	-	7.0	-	55	-	49	0
5-337	US AIR FORCE-MCGUIRE A	18MAR65	20.0	-	140	-	7.0	-	56	-	47	0
5-337	US AIR FORCE-MCGUIRE A	04MAY66	18.0	-	141	-	7.0	-	52	-	47	0
5-337	US AIR FORCE-MCGUIRE A	23MAY67	19.0	-	135	-	7.0	-	53	-	49	0
5-337	US AIR FORCE-MCGUIRE A	14MAY68	20.0	-	139	-	6.9	-	-	-	47	0
5-337	US AIR FORCE-MCGUIRE A	17JUN69	21.0	-	144	-	7.1	-	-	-	47	0
5-337	US AIR FORCE-MCGUIRE A	08JUN71	-	-	138	-	7.2	-	-	-	48	0
5-337	US AIR FORCE-MCGUIRE A	08JAN74	-	-	142	-	7.2	-	52	-	50	0
5-340	US AIR FORCE-MCGUIRE B	09OCT63	20.0	-	117	-	6.6	-	47	-	44	0
5-340	US AIR FORCE-MCGUIRE B	17MAR64	18.5	-	126	-	7.8	-	46	-	40	0
5-340	US AIR FORCE-MCGUIRE B	18MAR65	20.0	-	114	-	6.8	-	46	-	44	0
5-340	US AIR FORCE-MCGUIRE B	09AUG66	-	-	116	-	6.8	-	43	-	43	0
5-340	US AIR FORCE-MCGUIRE B	25AUG66	-	-	110	-	7.0	-	44	-	45	0
5-340	US AIR FORCE-MCGUIRE B	23MAY67	20.0	-	112	-	6.7	-	43	-	44	1
5-340	US AIR FORCE-MCGUIRE B	14MAY68	18.0	-	113	-	6.8	-	-	-	44	2
5-340	US AIR FORCE-MCGUIRE B	14MAY70	18.5	-	105	-	6.8	-	-	-	46	5
5-340	US AIR FORCE-MCGUIRE B	08JUN71	-	-	114	-	6.8	-	-	-	42	6
5-340	US AIR FORCE-MCGUIRE B	08JAN74	-	-	113	-	6.9	-	42	-	47	5
5-344	HOFFMAN-LA ROCHE CO 1974	19MAY82	14.5	380	390	7.9	7.8	144	-	-	180	36
5-351	NJ WC-DEL VALLEY WC 1	03MAY51	13.5	-	190	-	6.9	-	12	-	59	47
5-351	NJ WC-DEL VALLEY WC 1	23SEP52	-	-	186	-	6.4	-	18	-	58	40
5-351	NJ WC-DEL VALLEY WC 1	29OCT62	14.0	-	246	-	-	-	-	-	-	-
5-351	NJ WC-DEL VALLEY WC 1	30APR64	14.0	-	236	-	6.8	-	51	-	70	19
5-383	PERMUTIT CORP IONAC 2	16AUG67	16.0	-	161	-	7.2	-	-	-	66	0
5-383	PERMUTIT CORP IONAC 2	05OCT71	16.0	158	163	-	7.1	-	72	-	68	0
5-384	PERMUTIT CORP IONAC 3	16AUG67	18.0	-	145	-	7.0	-	-	-	57	0
5-384	PERMUTIT CORP IONAC 3	05OCT71	19.0	147	154	7.3	7.2	63	60	-	59	0
5-388	US ARMY-FT DIX 6	25MAY66	-	-	196	-	7.7	-	97	-	76	0
5-388	US ARMY-FT DIX 6	08FEB72	14.0	-	148	-	7.6	-	-	-	48	0
5-392	RIVERSIDE PUB SCHOOL 1	17JUN80	14.0	156	-	5.2	-	3	-	-	43	40
5-440	RHODIA CORP. 1 OBS	28APR72	16.0	155	154	7.0	6.8	-	56	-	61	5
5-441	HELIS STOCK FARM 3	22OCT80	20.0	142	-	7.1	7.5	68	-	-	70	2
5-445	TALLMAN, I W 1	30JUN67	19.0	-	144	-	7.8	-	-	-	63	0
5-446	INTSTATE STOR+PIPELN CO	30JUN67	18.5	-	230	-	7.9	-	-	-	110	8
5-446	INTSTATE STOR+PIPELN CO	19JUN80	14.0	240	-	7.5	-	105	-	-	110	0

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Diss. Sodium	Diss. Potassium	Diss. Calcium	Diss. Magnesium	Diss. Silica	Diss. Chloride	Diss. Sulfate	Diss. Fluoride
5-334	US ARMY-FT DIX 3	24MAY66	3.8	4.1	16	2.8	8.4	1.5	12	0.1
5-335	US AIR FORCE-MCGUIRE D	06FEB57	-	-	16	2.1	9.2	2.1	12	0.1
5-335	US AIR FORCE-MCGUIRE D	17JAN58	9.4	-	16	2.4	11	2.4	11	0.1
5-335	US AIR FORCE-MCGUIRE D	01MAR61	6.0	3.8	17	2.6	9.8	2.4	7.6	0.0
5-335	US AIR FORCE-MCGUIRE D	20NOV61	5.5	4.2	16	1.8	3.8	2.6	0.0	0.1
5-335	US AIR FORCE-MCGUIRE D	21MAR62	4.9	4.0	16	2.8	11	2.4	9.4	0.0
5-335	US AIR FORCE-MCGUIRE D	09OCT63	5.0	3.8	18	1.7	9.5	2.4	10	0.0
5-335	US AIR FORCE-MCGUIRE D	17MAR64	4.8	2.5	16	2.7	9.2	2.4	10	0.0
5-335	US AIR FORCE-MCGUIRE D	04MAY66	5.1	3.8	16	2.7	10	2.8	10	0.0
5-335	US AIR FORCE-MCGUIRE D	23MAY67	6.0	4.0	16	2.4	9.1	2.6	11	0.0
5-335	US AIR FORCE-MCGUIRE D	14MAY68	5.0	4.1	16	2.5	8.9	2.6	11	0.0
5-335	US AIR FORCE-MCGUIRE D	17JUN69	4.8	4.3	17	2.4	10	1.8	12	0.1
5-335	US AIR FORCE-MCGUIRE D	08JAN74	5.4	4.3	17	2.6	9.6	2.7	9.8	0.2
5-336	US AIR FORCE-MCGUIRE C	16MAR55	-	-	16	2.8	3.6	2.3	0.1	0.1
5-336	US AIR FORCE-MCGUIRE C	23MAR59	-	-	15	2.9	12	2.6	10	0.0
5-336	US AIR FORCE-MCGUIRE C	24FEB60	4.8	3.7	16	2.8	11	2.4	10	0.1
5-336	US AIR FORCE-MCGUIRE C	01MAR61	6.0	3.8	16	2.6	8.3	2.5	8.2	0.0
5-336	US AIR FORCE-MCGUIRE C	20NOV61	6.1	4.0	16	2.8	9.9	2.6	8.2	0.1
5-336	US AIR FORCE-MCGUIRE C	09OCT63	4.5	3.8	17	2.4	10	2.2	8.0	0.0
5-336	US AIR FORCE-MCGUIRE C	17MAR64	4.8	2.2	16	2.7	9.5	2.4	10	0.0
5-336	US AIR FORCE-MCGUIRE C	18MAR65	5.3	3.5	15	3.9	9.5	2.6	11	0.1
5-336	US AIR FORCE-MCGUIRE C	04MAY66	7.0	3.8	16	1.7	10	4.8	13	0.4
5-336	US AIR FORCE-MCGUIRE C	23MAY67	6.0	3.6	16	2.2	9.5	2.5	11	0.0
5-336	US AIR FORCE-MCGUIRE C	14MAY68	5.0	4.0	16	2.5	9.3	2.6	11	0.0
5-336	US AIR FORCE-MCGUIRE C	17JUN69	4.6	4.0	16	2.3	9.2	1.8	11	0.0
5-336	US AIR FORCE-MCGUIRE C	08JUN71	4.5	4.0	15	2.6	8.2	4.0	8.3	0.2
5-336	US AIR FORCE-MCGUIRE C	08JAN74	5.2	4.2	17	2.5	7.1	3.3	3.5	0.2
5-337	US AIR FORCE-MCGUIRE A	16MAR55	9.8	-	15	2.5	7.8	4.5	8.0	0.0
5-337	US AIR FORCE-MCGUIRE A	06FEB57	-	-	14	2.1	8.2	5.2	9.0	0.1
5-337	US AIR FORCE-MCGUIRE A	17JAN58	-	-	15	2.3	11	5.3	11	0.1
5-337	US AIR FORCE-MCGUIRE A	23MAR59	-	-	15	1.9	10	5.6	16	0.0
5-337	US AIR FORCE-MCGUIRE A	24FEB60	7.0	4.0	14	3.3	10	5.2	11	0.1
5-337	US AIR FORCE-MCGUIRE A	01MAR61	8.2	3.8	15	2.1	7.8	5.1	9.4	0.1
5-337	US AIR FORCE-MCGUIRE A	20NOV61	8.2	4.2	15	2.8	9.4	5.2	9.2	0.1
5-337	US AIR FORCE-MCGUIRE A	09OCT63	7.5	4.0	15	2.2	9.5	4.8	9.2	0.0
5-337	US AIR FORCE-MCGUIRE A	17MAR64	7.4	2.8	15	2.7	8.5	4.6	10	0.0
5-337	US AIR FORCE-MCGUIRE A	18MAR65	7.9	3.8	15	2.4	10	4.6	9.6	0.1
5-337	US AIR FORCE-MCGUIRE A	04MAY66	7.1	3.9	15	2.2	9.8	4.6	9.8	0.0
5-337	US AIR FORCE-MCGUIRE A	23MAY67	7.0	3.8	16	2.2	8.7	4.6	10	0.0
5-337	US AIR FORCE-MCGUIRE A	14MAY68	8.0	4.3	15	2.4	8.6	5.1	12	0.0
5-337	US AIR FORCE-MCGUIRE A	17JUN69	7.4	4.5	15	2.2	8.6	3.8	13	0.1
5-337	US AIR FORCE-MCGUIRE A	08JUN71	7.3	5.9	15	2.6	8.5	4.3	17	0.2
5-337	US AIR FORCE-MCGUIRE A	08JAN74	7.7	4.3	16	2.5	9.3	5.2	9.8	0.2
5-340	US AIR FORCE-MCGUIRE B	09OCT63	4.0	3.0	14	2.2	8.2	2.5	7.6	0.2
5-340	US AIR FORCE-MCGUIRE B	17MAR64	7.2	1.5	13	1.9	13	3.6	10	0.4
5-340	US AIR FORCE-MCGUIRE B	18MAR65	4.4	2.5	13	2.9	9.0	2.2	10	0.0
5-340	US AIR FORCE-MCGUIRE B	09AUG66	3.7	3.2	13	2.5	8.8	3.0	11	0.1
5-340	US AIR FORCE-MCGUIRE B	25AUG66	3.9	3.0	14	2.4	8.4	2.7	11	0.1
5-340	US AIR FORCE-MCGUIRE B	23MAY67	3.5	3.1	14	2.2	8.0	2.4	10	0.0
5-340	US AIR FORCE-MCGUIRE B	14MAY68	3.8	3.2	14	2.2	8.9	2.6	11	0.1
5-340	US AIR FORCE-MCGUIRE B	14MAY70	4.2	3.8	14	2.6	11	5.2	9.3	0.1
5-340	US AIR FORCE-MCGUIRE B	08JUN71	3.5	3.3	13	2.3	7.4	5.5	6.9	0.2
5-340	US AIR FORCE-MCGUIRE B	08JAN74	4.3	3.2	15	2.2	8.7	2.9	9.4	0.2
5-344	HOFFMAN-LA ROCHE CO 1974	19MAY82	2.0	5.6	67	2.9	-	1.0	33	-
5-351	NJ WC-DEL VALLEY WC 1	03MAY51	10	3.7	11	7.6	6.3	10	38	0.0
5-351	NJ WC-DEL VALLEY WC 1	23SEP52	-	-	-	-	-	16	38	-
5-351	NJ WC-DEL VALLEY WC 1	29OCT62	-	-	-	-	-	-	37	-
5-351	NJ WC-DEL VALLEY WC 1	30APR64	20	-	-	-	-	10	36	-
5-383	PERMUTIT CORP IONAC 2	16AUG67	3.2	6.2	20	3.8	7.6	1.1	11	0.0
5-383	PERMUTIT CORP IONAC 2	05OCT71	3.0	6.0	21	3.8	8.8	1.0	10	0.1
5-384	PERMUTIT CORP IONAC 3	16AUG67	4.0	6.3	18	2.9	8.7	1.7	14	0.1
5-384	PERMUTIT CORP IONAC 3	05OCT71	3.6	6.2	18	3.1	8.3	1.2	14	0.2
5-388	US ARMY-FT DIX 6	25MAY66	5.1	9.6	20	6.4	11	1.4	0.6	0.2
5-388	US ARMY-FT DIX 6	08FEB72	11	5.4	15	2.6	8.4	1.9	12	6.2
5-392	RIVERSIDE PUB SCHOOL 1	17JUN80	6.1	3.4	8.3	5.3	7.2	12	22	-
5-440	RHODIA CORP. 1 OBS	28APR72	2.9	4.2	19	3.4	8.3	1.4	16	0.1
5-441	HELIS STOCK FARM 3	22OCT80	2.0	4.1	23	2.9	8.2	1.6	7.5	-
5-445	TALLMAN, I W 1	30JUN67	2.1	4.1	20	3.1	7.3	1.9	7.1	0.0
5-446	INTSTATE STOR+PIPELN CO	30JUN67	2.7	6.0	34	5.2	7.1	1.6	22	0.0
5-446	INTSTATE STOR+PIPELN CO	19JUN80	2.6	5.4	33	5.0	7.9	1.8	18	-

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Total Iron (ug/L)	Diss. Iron (ug/L)	Total Manganese (ug/L)	Diss. Manganese (ug/L)	Diss. Organic Carbon	Dissolved Solids Residue at 180°C	Dissolved Solids Sum of Constituents
5-334	US ARMY-FT DIX 3	24MAY66	1400	-	70	-	-	79	81
5-335	US AIR FORCE-MCGUIRE D	06FEB57	2300	-	-	-	-	-	84
5-335	US AIR FORCE-MCGUIRE D	17JAN58	-	-	-	-	-	84	86
5-335	US AIR FORCE-MCGUIRE D	01MAR61	3100	-	80	-	-	84	84
5-335	US AIR FORCE-MCGUIRE D	20NOV61	1100	-	0	-	-	64	71
5-335	US AIR FORCE-MCGUIRE D	21MAR62	2300	-	80	-	-	89	84
5-335	US AIR FORCE-MCGUIRE D	09OCT63	1300	-	60	-	-	88	85
5-335	US AIR FORCE-MCGUIRE D	17MAR64	2400	-	30	-	-	86	81
5-335	US AIR FORCE-MCGUIRE D	04MAY66	2400	-	60	-	-	83	83
5-335	US AIR FORCE-MCGUIRE D	23MAY67	2400	-	40	-	-	88	84
5-335	US AIR FORCE-MCGUIRE D	14MAY68	1600	-	90	-	-	84	84
5-335	US AIR FORCE-MCGUIRE D	17JUN69	4000	-	70	-	-	84	81
5-335	US AIR FORCE-MCGUIRE D	08JAN74	20000	-	60	-	-	86	84
5-336	US AIR FORCE-MCGUIRE C	16MAR55	5300	1000	-	-	-	76	72
5-336	US AIR FORCE-MCGUIRE C	23MAR59	2100	-	90	-	-	82	84
5-336	US AIR FORCE-MCGUIRE C	24FEB60	3000	-	120	-	-	87	84
5-336	US AIR FORCE-MCGUIRE C	01MAR61	2800	-	90	-	-	82	81
5-336	US AIR FORCE-MCGUIRE C	20NOV61	2800	-	30	-	-	75	83
5-336	US AIR FORCE-MCGUIRE C	09OCT63	970	-	60	-	-	85	83
5-336	US AIR FORCE-MCGUIRE C	17MAR64	2600	-	80	-	-	82	81
5-336	US AIR FORCE-MCGUIRE C	18MAR65	2400	-	60	-	-	87	85
5-336	US AIR FORCE-MCGUIRE C	04MAY66	1800	-	80	-	-	92	88
5-336	US AIR FORCE-MCGUIRE C	23MAY67	2100	-	0	-	-	90	84
5-336	US AIR FORCE-MCGUIRE C	14MAY68	1700	-	130	-	-	85	84
5-336	US AIR FORCE-MCGUIRE C	17JUN69	4000	-	80	-	-	85	81
5-336	US AIR FORCE-MCGUIRE C	08JUN71	720	-	69	-	-	97	87
5-336	US AIR FORCE-MCGUIRE C	08JAN74	2500	-	60	-	-	70	77
5-337	US AIR FORCE-MCGUIRE A	16MAR55	4500	-	-	-	-	85	81
5-337	US AIR FORCE-MCGUIRE A	06FEB57	2500	-	-	-	-	109	83
5-337	US AIR FORCE-MCGUIRE A	17JAN58	-	-	-	-	-	93	87
5-337	US AIR FORCE-MCGUIRE A	23MAR59	2100	-	70	-	-	88	96
5-337	US AIR FORCE-MCGUIRE A	24FEB60	2000	-	40	-	-	93	86
5-337	US AIR FORCE-MCGUIRE A	01MAR61	2000	-	60	-	-	84	84
5-337	US AIR FORCE-MCGUIRE A	20NOV61	2000	-	10	-	-	77	86
5-337	US AIR FORCE-MCGUIRE A	09OCT63	580	-	50	-	-	89	86
5-337	US AIR FORCE-MCGUIRE A	17MAR64	2300	-	150	-	-	85	84
5-337	US AIR FORCE-MCGUIRE A	18MAR65	2400	-	100	-	-	88	87
5-337	US AIR FORCE-MCGUIRE A	04MAY66	2500	-	30	-	-	83	84
5-337	US AIR FORCE-MCGUIRE A	23MAY67	2500	-	10	-	-	90	84
5-337	US AIR FORCE-MCGUIRE A	14MAY68	1400	-	90	-	-	82	88
5-337	US AIR FORCE-MCGUIRE A	17JUN69	50	-	60	-	-	90	86
5-337	US AIR FORCE-MCGUIRE A	08JUN71	-	500	-	80	-	94	91
5-337	US AIR FORCE-MCGUIRE A	08JAN74	1900	-	50	-	-	89	86
5-340	US AIR FORCE-MCGUIRE B	09OCT63	3300	-	120	-	-	72	70
5-340	US AIR FORCE-MCGUIRE B	17MAR64	4700	-	70	-	-	85	79
5-340	US AIR FORCE-MCGUIRE B	18MAR65	3900	-	90	-	-	72	72
5-340	US AIR FORCE-MCGUIRE B	09AUG66	1700	-	50	-	-	71	70
5-340	US AIR FORCE-MCGUIRE B	25AUG66	240	-	100	-	-	61	72
5-340	US AIR FORCE-MCGUIRE B	23MAY67	4600	-	70	-	-	76	69
5-340	US AIR FORCE-MCGUIRE B	14MAY68	2300	-	50	-	-	70	72
5-340	US AIR FORCE-MCGUIRE B	14MAY70	-	4300	-	90	-	75	75
5-340	US AIR FORCE-MCGUIRE B	08JUN71	-	1150	-	100	-	73	64
5-340	US AIR FORCE-MCGUIRE B	08JAN74	2400	-	60	-	-	74	71
5-344	HOFFMAN-LA ROCHE CO 1974	19MAY82	-	<30	-	16	0.3	223	-
5-351	NJ WC-DEL VALLEY WC 1	03MAY51	60	-	720	-	-	125	112
5-351	NJ WC-DEL VALLEY WC 1	23SEP52	240	-	-	-	-	-	-
5-351	NJ WC-DEL VALLEY WC 1	29OCT62	-	-	-	-	-	-	-
5-351	NJ WC-DEL VALLEY WC 1	30APR64	-	-	-	-	-	-	-
5-383	PERMUTIT CORP IONAC 2	16AUG67	970	-	0	-	-	100	96
5-383	PERMUTIT CORP IONAC 2	05OCT71	-	1100	-	20	-	95	97
5-384	PERMUTIT CORP IONAC 3	16AUG67	1400	-	0	-	-	96	91
5-384	PERMUTIT CORP IONAC 3	05OCT71	-	1400	-	30	-	95	91
5-388	US ARMY-FT DIX 6	25MAY66	450	-	50	-	-	108	114
5-388	US ARMY-FT DIX 6	08FEB72	-	50	-	-	-	96	93
5-392	RIVERSIDE PUB SCHOOL 1	17JUN80	-	41	-	46	1.5	92	94
5-440	RHODIA CORP. 1 OBS	28APR72	-	3100	-	80	-	92	89
5-441	HELIS STOCK FARM 3	22OCT80	-	30	-	1	2.0	89	91
5-445	TALLMAN, I W 1	30JUN67	8800	-	230	-	-	84	86
5-446	INTSTATE STOR+PIPELN CO	30JUN67	1000	-	230	-	-	144	138
5-446	INTSTATE STOR+PIPELN CO	19JUN80	-	1100	-	230	1.7	140	141

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Temperature (°C)	Specific Conductance (micromhos) Field	Specific Conductance (micromhos) Lab	pH (Units) Field	pH (Units) Lab	Alkalinity (As CaCO3) Field	Alkalinity (As CaCO3) Lab	Dissolved Oxygen	Hardness (As CaCO3) Total	Hardness (As CaCO3) Noncarbonate
5-448	NJ DOT-RT295 REST AREA 1	17JUL80	14.0	210	-	6.7	-	84	-	-	84	0
5-634	MT HOLLY WC 5	15AUG66	15.0	-	201	-	7.3	-	-	-	85	7
5-637	HANOVER TRLS COMMISSARY	26JUN80	13.5	345	-	6.8	-	118	-	-	150	33
5-647	RANCOCAS COUNTRY CLUB 1	17JUN80	14.0	246	-	6.7	-	83	-	-	97	14
5-651	WILLINGBORO MUA 3	11AUG66	-	-	181	-	6.8	-	-	-	81	26
5-653	WILLINGBORO MUA 4	13JUN61	13.5	-	47	-	6.1	-	13	-	15	2
5-653	WILLINGBORO MUA 4	16AUG66	13.0	-	48	-	6.1	-	-	-	14	4
5-653	WILLINGBORO MUA 4	18JUN80	14.0	101	-	6.3	-	21	-	-	19	0
5-658	WILLINGBORO MUA 7	11AUG66	-	-	181	-	7.8	-	-	-	82	25
5-658	WILLINGBORO MUA 7	18JUN80	13.5	98	-	6.5	-	39	-	-	18	0
5-661	WILLINGBORO MUA 1	16AUG66	13.5	-	100	-	5.8	-	-	-	30	25
5-661	WILLINGBORO MUA 1	18JUN80	14.0	205	-	5.2	-	4	-	-	61	57
5-661	WILLINGBORO MUA 1	17DEC82	13.5	205	202	5.0	5.6	4	-	9.6	66	62
5-667	WILLINGBORO MUA 5	16AUG66	13.0	-	49	-	5.9	-	-	-	12	9
5-667	WILLINGBORO MUA 5	18JUN80	13.5	117	-	5.1	-	2	-	-	29	27
5-667	WILLINGBORO MUA 5	17DEC82	13.5	132	133	4.8	5.4	2	-	5.5	37	35
5-668	WILLINGBORO MUA DCB-28	20JUN75	13.0	161	153	5.4	-	-	2	-	47	45
5-668	WILLINGBORO MUA DCB-28	21APR76	13.0	183	-	5.4	-	-	5	-	-	-
5-707	EVESHAM MUA 7	01SEP82	16.5	255	252	7.8	8.9	94	-	0.2	110	12
5-719	PEP BOYS 1	16JUN80	20.0	301	-	7.2	-	57	-	-	73	16
5-729	MAPLE SHADE WD 2	10AUG66	-	-	146	-	6.4	-	52	-	63	11
5-729	MAPLE SHADE WD 2	15JUL80	14.5	182	-	6.4	-	61	-	-	58	0
5-729	MAPLE SHADE WD 2	25OCT82	14.0	182	159	6.5	6.3	57	-	0.4	61	4
5-731	INTERSTATE WASTE-MON 8	23OCT80	13.0	650	-	7.2	7.5	200	-	-	370	170
5-745	BURLINGTON COUNTY CLUB 1	06AUG80	14.0	191	-	6.8	-	84	-	-	84	0
5-746	MAPLE SHADE WD 11	15JUL80	15.0	126	-	6.2	-	51	-	-	35	0
5-746	MAPLE SHADE WD 11	25OCT82	14.5	120	110	6.3	6.1	47	30	0.4	33	0
5-751	RAMBLEWOOD CC-2 TEE	14SEP82	14.5	254	254	7.2	7.2	89	-	-	110	17
5-761	TENNECO CHEM 9	30JUL82	13.5	185	196	5.3	5.9	4	-	-	57	53
5-768	LISEHORA,M-GARAGE WELL	25SEP80	14.0	396	-	7.2	-	138	-	-	190	51
5-777	HOLIDAY LK ICE CREAM STD	29AUG80	16.0	149	-	4.9	-	1	-	-	27	26
5-778	BEST WESTERN MOTEL #2	05AUG80	15.0	183	-	7.5	-	90	-	-	0	0
5-779	PYROPTICS 1	11JUN80	14.0	192	-	5.3	-	-	-	-	34	-
5-780	WASTE RESOURCE OBS 6	02DEC80	16.0	615	570	6.6	6.7	173	-	-	83	0
5-781	WASTE RESOURCE OBS 5	02DEC80	15.0	284	294	4.9	5.0	2	-	-	92	90
5-788	C R ENGLAND CO	06JUN80	18.0	184	-	5.7	-	10	-	-	50	40
7- 8	BELLMAWR BORO WD 4	17AUG67	15.5	-	188	-	7.3	-	-	-	51	0
7- 8	BELLMAWR BORO WD 4	02JUL80	14.0	189	-	7.3	-	71	-	-	56	0
7- 12	BELLMAWR BORO WD 3	01AUG60	16.0	-	195	-	7.6	-	72	-	44	0
7- 12	BELLMAWR BORO WD 3	27MAR62	15.0	-	191	-	7.7	-	72	-	45	0
7- 12	BELLMAWR BORO WD 3	19AUG66	16.5	-	188	-	7.6	-	-	-	45	0
7- 12	BELLMAWR BORO WD 3	02JUL80	14.5	208	-	7.2	-	76	-	-	56	0
7- 13	BELLMAWR BORO WD 1	27MAR62	13.5	-	196	-	7.6	-	75	-	72	0
7- 13	BELLMAWR BORO WD 1	19AUG66	13.5	-	200	-	7.4	-	-	-	77	4
7- 13	BELLMAWR BORO WD 1	02JUL80	13.5	243	-	7.2	-	104	-	-	88	0
7- 18	BERLIN BORO WD 9	23AUG66	19.5	-	212	-	7.9	-	-	-	61	0
7- 19	BERLIN BORO WD 10	06OCT71	19.0	-	215	-	7.5	-	86	-	59	0
7- 19	BERLIN BORO WD 10	16SEP82	19.0	212	223	8.0	8.1	89	-	0.2	55	0
7- 25	BROOKLAWN BORO WD 3-42	22MAR51	-	-	227	-	7.2	-	82	-	86	4
7- 25	BROOKLAWN BORO WD 3-42	01AUG60	14.5	-	351	-	7.0	-	149	-	144	0
7- 25	BROOKLAWN BORO WD 3-42	19AUG66	14.0	-	209	-	7.1	-	-	-	56	0
7- 30	SJ PORT COMM NY SHIP 5A	25JUN75	15.0	237	-	6.7	-	-	95	-	61	0
7- 30	SJ PORT COMM NY SHIP 5A	05MAY76	15.0	380	-	6.5	-	-	103	-	73	0
7- 30	SJ PORT COMM NY SHIP 5A	03NOV80	16.0	379	-	6.8	6.6	193	-	-	71	0
7- 38	SJ PORT COMM NY SHIP 7	14JUL71	15.0	-	226	-	7.5	-	-	-	69	29
7- 38	SJ PORT COMM NY SHIP 7	30JUN72	15.0	-	233	-	7.5	-	-	-	59	-
7- 38	SJ PORT COMM NY SHIP 7	01JUN73	15.0	-	233	-	6.5	-	30	-	68	32
7- 39	CAMDEN CITY WD-CITY 7N	30JUL80	16.0	288	-	6.1	-	92	-	-	56	0
7- 39	CAMDEN CITY WD-CITY 7N	05NOV82	15.5	230	217	6.4	6.4	87	-	0.4	46	0
7- 40	CAMDEN CITY WD-CITY 7	22DEC49	-	-	166	-	4.7	-	5	-	38	33
7- 40	CAMDEN CITY WD-CITY 7	16FEB51	-	-	166	-	4.6	-	1	-	37	36
7- 41	CAMDEN CITY WD-CITY 7-28	21NOV32	-	-	-	-	-	0	0	-	45	45
7- 46	CAMDEN CITY WD-CITY 11	01SEP42	-	-	-	-	-	-	-	-	-	-
7- 46	CAMDEN CITY WD-CITY 11	28NOV49	-	-	263	-	4.4	-	1	-	67	66
7- 46	CAMDEN CITY WD-CITY 11	15FEB51	-	-	279	-	4.6	-	1	-	69	68
7- 46	CAMDEN CITY WD-CITY 11	30JUL80	16.0	478	-	6.0	-	75	-	-	150	70
7- 46	CAMDEN CITY WD-CITY 11	29OCT82	16.0	450	490	6.0	6.2	75	-	0.7	150	78
7- 48	CAMDEN CITY WD-CITY 6N	28NOV49	-	-	735	-	6.0	-	95	-	240	150
7- 48	CAMDEN CITY WD-CITY 6N	24APR62	-	-	774	-	6.0	-	98	-	290	190
7- 48	CAMDEN CITY WD-CITY 6N	16APR64	15.0	-	778	-	6.2	-	121	-	290	169

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Diss. Sodium	Diss. Potassium	Diss. Calcium	Diss. Magnesium	Diss. Silica	Diss. Chloride	Diss. Sulfate	Diss. Fluoride
5-448	NJ DOT-RT295 REST AREA 1	17JUL80	4.5	3.8	25	5.1	9.4	2.9	16	-
5-634	MT HOLLY WC 5	15AUG66	1.9	3.2	27	4.2	8.4	1.6	14	0.0
5-637	HANOVER TRLS COMMISSARY	26JUN80	3.7	6.8	45	9.1	8.6	1.9	46	-
5-647	RANCOCAS COUNTRY CLUB 1	17JUN80	2.8	5.0	29	5.8	8.5	1.2	37	-
5-651	WILLINGBORO MUA 3	11AUG66	2.6	2.1	28	2.7	8.2	9.0	19	1.0
5-653	WILLINGBORO MUA 4	13JUN61	2.2	1.0	3.3	1.7	10	2.2	5.5	0.0
5-653	WILLINGBORO MUA 4	16AUG66	3.1	1.3	3.5	1.2	10	2.6	9.6	0.0
5-653	WILLINGBORO MUA 4	18JUN80	4.4	1.5	5.2	1.4	11	5.1	19	-
5-658	WILLINGBORO MUA 7	11AUG66	1.4	1.7	28	3.0	8.2	4.3	19	1.1
5-658	WILLINGBORO MUA 7	18JUN80	2.3	1.3	4.6	1.6	10	2.9	7.0	-
5-661	WILLINGBORO MUA 1	16AUG66	5.8	1.9	6.5	3.4	10	7.4	5.4	0.0
5-661	WILLINGBORO MUA 1	18JUN80	8.1	2.7	13	6.8	11	26	31	-
5-661	WILLINGBORO MUA 1	17DEC82	8.6	2.9	14	7.6	11	14	40	<0.1
5-667	WILLINGBORO MUA 5	16AUG66	3.6	1.0	3.0	1.2	9.1	4.7	3.8	0.0
5-667	WILLINGBORO MUA 5	18JUN80	6.2	1.5	6.7	3.0	10	32	8.5	-
5-667	WILLINGBORO MUA 5	17DEC82	7.4	1.8	8.4	3.8	11	14	13	<0.1
5-668	WILLINGBORO MUA DCB-28	20JUN75	7.5	2.1	11	4.7	9.7	16	15	0.1
5-668	WILLINGBORO MUA DCB-28	21APR76	-	-	-	-	4.3	16	14	<0.1
5-707	EVESHAM MUA 7	01SEP82	4.4	8.7	31	6.9	8.2	0.7	33	0.2
5-719	PEP BOYS 1	16JUN80	32	3.0	13	9.7	11	14	40	-
5-729	MAPLE SHADE WD 2	10AUG66	3.0	4.7	17	4.9	13	5.0	14	0.1
5-729	MAPLE SHADE WD 2	15JUL80	1.9	3.7	15	4.9	17	8.8	15	-
5-729	MAPLE SHADE WD 2	25OCT82	2.0	3.3	16	5.1	17	10	19	0.2
5-731	INTERSTATE WASTE-MON 8	23OCT80	4.6	6.7	118	18	19	2.9	190	-
5-745	BURLINGTON COUNTY CLUB 1	06AUG80	3.0	5.6	26	4.4	8.6	1.1	13	-
5-746	MAPLE SHADE WD 11	15JUL80	2.2	2.8	9.9	2.3	12	2.3	9.1	-
5-746	MAPLE SHADE WD 11	25OCT82	2.4	2.4	9.7	2.2	12	2.8	11	<0.1
5-751	RAMBLEWOOD CC-2 TEE	14SEP82	2.9	7.5	32	6.3	9.2	0.7	35	0.1
5-761	TENNECO CHEM 9	30JUL82	8.9	2.2	10	7.8	7.8	17	56	<0.1
5-768	LISEHORA,M-GARAGE WELL	25SEP80	4.1	6.9	61	8.6	8.6	1.9	63	-
5-777	HOLIDAY LK ICE CREAM STD	29AUG80	14	2.1	7.5	2.0	6.7	15	27	-
5-778	BEST WESTERN MOTEL #2	05AUG80	51	1.4	0.1	0.1	8.5	1.4	10	-
5-779	PYROPTICS 1	11JUN80	11	1.3	5.7	4.8	12	17	47	-
5-780	WASTE RESOURCE OBS 6	02DEC80	51	19	18	9.1	9.3	74	5.5	-
5-781	WASTE RESOURCE OBS 5	02DEC80	11	5.3	22	8.9	5.7	8.2	87	-
5-788	C R ENGLAND CO	06JUN80	10	2.8	7.8	7.5	13	16	33	-
7- 8	BELLMAWR BORO WD 4	17AUG67	16	6.7	15	3.3	8.4	6.0	19	0.4
7- 8	BELLMAWR BORO WD 4	02JUL80	12	6.9	16	3.7	7.8	2.7	20	-
7- 12	BELLMAWR BORO WD 3	01AUG60	22	4.6	13	2.8	10	8.8	17	0.3
7- 12	BELLMAWR BORO WD 3	27MAR62	20	6.5	13	3.0	9.6	7.8	15	0.3
7- 12	BELLMAWR BORO WD 3	19AUG66	19	6.8	13	3.0	8.7	7.4	16	0.2
7- 12	BELLMAWR BORO WD 3	02JUL80	17	8.0	16	3.6	8.8	5.9	18	-
7- 13	BELLMAWR BORO WD 1	27MAR62	9.3	7.0	22	4.1	11	2.4	21	0.2
7- 13	BELLMAWR BORO WD 1	19AUG66	7.6	4.8	21	6.0	9.1	1.6	25	0.2
7- 13	BELLMAWR BORO WD 1	02JUL80	9.0	7.8	26	5.4	8.9	3.8	12	-
7- 18	BERLIN BORO WD 9	23AUG66	18	8.8	15	5.6	9.1	1.6	19	0.2
7- 19	BERLIN BORO WD 10	06OCT71	18	9.3	15	5.1	9.0	1.0	19	0.3
7- 19	BERLIN BORO WD 10	16SEP82	19	8.6	14	4.9	9.6	1.3	17	0.3
7- 25	BROOKLAWN BORO WD 3-42	22MAR51	9.6	7.3	27	4.6	11	4.2	27	0.3
7- 25	BROOKLAWN BORO WD 3-42	01AUG60	-	-	-	-	-	12	11	-
7- 25	BROOKLAWN BORO WD 3-42	19AUG66	18	7.0	16	3.8	9.3	6.4	23	0.2
7- 30	SJ PORT COMM NY SHIP 5A	25JUN75	15	3.3	15	5.6	4.7	17	0.7	0.4
7- 30	SJ PORT COMM NY SHIP 5A	05MAY76	14	3.6	18	6.7	4.9	17	1.1	0.3
7- 30	SJ PORT COMM NY SHIP 5A	03NOV80	13	3.3	18	6.3	6.6	21	1.3	-
7- 38	SJ PORT COMM NY SHIP 7	14JUL71	17	4.1	20	4.5	5.9	23	23	0.0
7- 38	SJ PORT COMM NY SHIP 7	30JUN72	-	-	15	5.3	-	25	25	-
7- 38	SJ PORT COMM NY SHIP 7	01JUN73	17	3.6	-	-	6.2	24	23	-
7- 39	CAMDEN CITY WD-CITY 7N	30JUL80	17	3.3	12	6.3	1.7	21	18	-
7- 39	CAMDEN CITY WD-CITY 7N	05NOV82	16	3.0	9.7	5.2	1.8	16	13	<0.1
7- 40	CAMDEN CITY WD-CITY 7	22DEC49	8.9	3.3	7.1	4.9	5.9	11	38	0.1
7- 40	CAMDEN CITY WD-CITY 7	16FEB51	9.7	3.6	7.0	4.7	6.1	13	41	0.0
7- 41	CAMDEN CITY WD-CITY 7-28	21NOV32	9.1	2.0	7.1	6.6	8.5	13	34	-
7- 46	CAMDEN CITY WD-CITY 11	01SEP42	-	-	-	-	-	12	-	-
7- 46	CAMDEN CITY WD-CITY 11	28NOV49	15	4.4	11	9.7	9.4	18	60	0.1
7- 46	CAMDEN CITY WD-CITY 11	15FEB51	15	5.4	12	9.4	8.5	24	70	0.0
7- 46	CAMDEN CITY WD-CITY 11	30JUL80	24	6.0	35	14	1.4	31	93	-
7- 46	CAMDEN CITY WD-CITY 11	29OCT82	25	5.4	38	14	1.7	34	100	<0.1
7- 48	CAMDEN CITY WD-CITY 6N	28NOV49	46	18	39	35	7.0	48	137	0.1
7- 48	CAMDEN CITY WD-CITY 6N	24APR62	38	16	58	35	4.5	32	235	0.1
7- 48	CAMDEN CITY WD-CITY 6N	16APR64	50	-	-	-	-	30	222	0.2

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Total Iron (ug/L)	Diss. Iron (ug/L)	Total Manganese (ug/L)	Diss. Manganese (ug/L)	Diss. Organic Carbon	Dissolved Solids: Residue at 180°C	Dissolved Solids: Sum of Constituents
5-448	NJ DOT-RT295 REST AREA 1	17JUL80	-	7600	-	150	0.6	116	126
5-634	MT HOLLY WC 5	15AUG66	1500	-	0	-	-	108	108
5-637	HANOVER TRLS COMMISSARY	26JUN80	-	25000	-	66	4.5	214	218
5-647	RANCOCAS COUNTRY CLUB 1	17JUN80	-	6900	-	99	3.1	127	147
5-651	WILLINGBORO MUA 3	11AUG66	160	-	0	-	-	111	106
5-653	WILLINGBORO MUA 4	13JUN61	5200	-	50	-	-	40	34
5-653	WILLINGBORO MUA 4	16AUG66	7700	-	60	-	-	40	37
5-653	WILLINGBORO MUA 4	18JUN80	-	8600	-	41	2.5	62	69
5-658	WILLINGBORO MUA 7	11AUG66	130	-	0	-	-	111	101
5-658	WILLINGBORO MUA 7	18JUN80	-	13000	-	89	0.4	45	66
5-661	WILLINGBORO MUA 1	16AUG66	130	-	10	-	-	73	75
5-661	WILLINGBORO MUA 1	18JUN80	-	10	-	12	1.0	129	139
5-661	WILLINGBORO MUA 1	17DEC82	-	<3	-	12	0.7	132	101
5-667	WILLINGBORO MUA 5	16AUG66	1300	-	30	-	-	46	39
5-667	WILLINGBORO MUA 5	18JUN80	-	140	-	33	1.7	82	69
5-667	WILLINGBORO MUA 5	17DEC82	-	120	-	38	0.8	88	61
5-668	WILLINGBORO MUA DCB-28	20JUN75	8300	630	80	70	1.6	100	68
5-668	WILLINGBORO MUA DCB-28	21APR76	1100	500	60	50	7.9	116	-
5-707	EVESHAM MUA 7	01SEP82	-	370	-	17	0.7	161	150
5-719	PEP BOYS 1	16JUN80	-	9	-	3	7.2	193	178
5-729	MAPLE SHADE WD 2	10AUG66	3200	-	0	-	-	91	93
5-729	MAPLE SHADE WD 2	15JUL80	-	13000	-	160	0.6	100	117
5-729	MAPLE SHADE WD 2	25OCT82	-	13000	-	140	0.9	88	120
5-731	INTERSTATE WASTE-MON 8	23OCT80	-	2800	-	85	5.7	525	483
5-745	BURLINGTON COUNTY CLUB 1	06AUG80	-	1500	-	25	0.3	106	115
5-746	MAPLE SHADE WD 11	15JUL80	-	12000	-	120	0.3	72	84
5-746	MAPLE SHADE WD 11	25OCT82	-	11	-	94	0.6	46	61
5-751	RAMBLEWOOD CC-2 TEE	14SEP82	-	1700	-	40	0.5	140	149
5-761	TENNECO CHEM 9	30JUL82	-	13	-	31	1.0	125	112
5-768	LISEHORA,M-GARAGE WELL	25SEP80	-	2600	-	43	0.4	250	241
5-777	HOLIDAY LK ICE CREAM STD	29AUG80	-	23	-	70	1.0	85	88
5-778	BEST WESTERN MOTEL #2	05AUG80	-	21	-	<1	0.5	121	127
5-779	PYROPTICS 1	11JUN80	-	11000	-	190	2.0	96	-
5-780	WASTE RESOURCE OBS 6	02DEC80	-	190	-	250	11	287	300
5-781	WASTE RESOURCE OBS 5	02DEC80	-	44	-	1700	4.4	188	175
5-788	C R ENGLAND CO	06JUN80	-	27	-	2	2.7	130	119
7- 8	BELLMAWR BORO WD 4	17AUG67	380	-	50	-	-	124	116
7- 8	BELLMAWR BORO WD 4	02JUL80	-	310	-	20	2.3	102	113
7- 12	BELLMAWR BORO WD 3	01AUG60	680	-	70	-	-	133	122
7- 12	BELLMAWR BORO WD 3	27MAR62	540	-	30	-	-	120	137
7- 12	BELLMAWR BORO WD 3	19AUG66	480	-	0	-	-	110	117
7- 12	BELLMAWR BORO WD 3	02JUL80	-	380	-	31	0.9	118	125
7- 13	BELLMAWR BORO WD 1	27MAR62	-	-	-	-	-	122	123
7- 13	BELLMAWR BORO WD 1	19AUG66	670	-	0	-	-	133	120
7- 13	BELLMAWR BORO WD 1	02JUL80	-	650	-	16	0.1	127	138
7- 18	BERLIN BORO WD 9	23AUG66	180	-	0	-	-	132	131
7- 19	BERLIN BORO WD 10	06OCT71	-	160	-	0	-	128	130
7- 19	BERLIN BORO WD 10	16SEP82	-	47	-	8	1.4	118	128
7- 25	BROOKLAWN BORO WD 3-42	22MAR51	0	-	0	-	-	140	141
7- 25	BROOKLAWN BORO WD 3-42	01AUG60	5000	-	-	-	-	194	-
7- 25	BROOKLAWN BORO WD 3-42	19AUG66	540	-	50	-	-	128	129
7- 30	SJ PORT COMM NY SHIP 5A	25JUN75	26000	26000	620	620	7.0	137	146
7- 30	SJ PORT COMM NY SHIP 5A	05MAY76	36000	36000	680	570	2.1	154	164
7- 30	SJ PORT COMM NY SHIP 5A	03NOV80	-	49000	-	620	2.8	200	235
7- 38	SJ PORT COMM NY SHIP 7	14JUL71	-	3900	-	330	-	135	132
7- 38	SJ PORT COMM NY SHIP 7	30JUN72	-	4300	-	350	-	-	-
7- 38	SJ PORT COMM NY SHIP 7	01JUN73	220	-	440	-	-	155	135
7- 39	CAMDEN CITY WD-CITY 7N	30JUL80	-	13000	-	310	2.4	111	148
7- 39	CAMDEN CITY WD-CITY 7N	05NOV82	-	9900	-	190	1.8	99	90
7- 40	CAMDEN CITY WD-CITY 7	22DEC49	20	-	20	-	-	90	88
7- 40	CAMDEN CITY WD-CITY 7	16FEB51	20	-	30	-	-	103	90
7- 41	CAMDEN CITY WD-CITY 7-28	21NOV32	250	-	-	-	-	102	96
7- 46	CAMDEN CITY WD-CITY 11	01SEP42	-	-	-	-	-	84	-
7- 46	CAMDEN CITY WD-CITY 11	28NOV49	140	-	20	-	-	154	145
7- 46	CAMDEN CITY WD-CITY 11	15FEB51	20	-	120	-	-	196	150
7- 46	CAMDEN CITY WD-CITY 11	30JUL80	-	15	-	390	1.6	273	317
7- 46	CAMDEN CITY WD-CITY 11	29OCT82	-	18	-	470	1.7	314	264
7- 48	CAMDEN CITY WD-CITY 6N	28NOV49	20	-	770	-	-	460	440
7- 48	CAMDEN CITY WD-CITY 6N	24APR62	7800	-	1500	-	-	494	487
7- 48	CAMDEN CITY WD-CITY 6N	16APR64	380	-	1500	-	-	493	-

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Temperature (°C)	Specific Conductance (micromhos) Field	Specific Conductance (micromhos) Lab	pH (Units) Field	pH (Units) Lab	Alkalinity (As CaCO3) Field	Alkalinity (As CaCO3) Lab	Dissolved Oxygen	Hardness (As CaCO3) Total	Hardness (As CaCO3) Noncarbonate
7- 48	CAMDEN CITY WD-CITY 6N	09JUL65	-	-	745	-	-	-	-	-	-	-
7- 48	CAMDEN CITY WD-CITY 6N	24AUG66	14.5	-	702	-	6.4	-	-	-	270	143
7- 48	CAMDEN CITY WD-CITY 6N	05NOV82	15.0	2850	3300	5.2	4.2	24	-	0.4	390	370
7- 57	OUR LADY LORDS HOSP-STBY	21SEP82	14.0	397	410	6.0	5.9	33	-	0.4	120	85
7- 58	WEST JERSEY HOSPITAL 1	21SEP82	15.5	770	820	6.4	6.4	160	-	0.4	280	120
7- 61	CAMDEN CITY WD-CITY 4	11JAN51	-	-	-	-	-	-	-	-	-	-
7- 61	CAMDEN CITY WD-CITY 4	16FEB51	-	-	205	-	5.2	-	3	-	57	54
7- 61	CAMDEN CITY WD-CITY 4	24AUG66	14.5	-	493	-	6.6	-	-	-	170	91
7- 61	CAMDEN CITY WD-CITY 4	30JUL80	16.0	845	-	6.2	-	146	-	-	270	120
7- 61	CAMDEN CITY WD-CITY 4	06JUL82	17.5	710	736	6.3	6.6	150	-	-	270	120
7- 62	CAMDEN CITY WD-CITY 4-35	28NOV49	-	-	-	-	4.9	3	-	-	56	53
7- 64	CAMDEN CITY WD-CITY 17	03AUG60	13.5	-	175	-	6.4	-	40	-	66	26
7- 64	CAMDEN CITY WD-CITY 17	31AUG61	14.0	-	170	-	6.3	-	38	-	63	25
7- 64	CAMDEN CITY WD-CITY 17	24APR62	-	-	167	-	6.1	-	38	-	61	23
7- 64	CAMDEN CITY WD-CITY 17	02OCT62	14.0	-	173	-	6.3	-	39	-	61	22
7- 64	CAMDEN CITY WD-CITY 17	12APR63	13.5	-	185	-	6.2	-	37	-	61	24
7- 64	CAMDEN CITY WD-CITY 17	13AUG63	14.0	-	174	-	6.3	-	40	-	63	23
7- 64	CAMDEN CITY WD-CITY 17	16APR64	14.0	-	170	-	6.2	-	39	-	61	23
7- 64	CAMDEN CITY WD-CITY 17	24AUG66	13.5	-	170	-	6.3	-	-	-	61	25
7- 64	CAMDEN CITY WD-CITY 17	22DEC70	13.5	-	181	-	7.2	-	-	-	60	25
7- 64	CAMDEN CITY WD-CITY 17	30JUL80	14.5	271	-	5.7	-	26	-	-	81	55
7- 64	CAMDEN CITY WD-CITY 17	29OCT82	14.0	288	296	5.7	5.8	23	-	1.0	85	62
7- 66	CAMDEN CITY WD-CITY 2A	22DEC49	-	-	482	-	6.9	100	100	-	170	67
7- 68	CAMDEN CITY WD-CITY 13	11JAN51	15.5	-	291	-	7.1	-	86	-	91	5
7- 68	CAMDEN CITY WD-CITY 13	31AUG61	14.0	-	118	-	6.3	-	25	-	39	14
7- 68	CAMDEN CITY WD-CITY 13	24APR62	-	-	117	-	6.1	-	21	-	37	16
7- 68	CAMDEN CITY WD-CITY 13	12APR63	14.0	-	138	-	6.2	-	22	-	38	16
7- 68	CAMDEN CITY WD-CITY 13	13AUG63	13.5	-	130	-	6.3	-	23	-	41	18
7- 68	CAMDEN CITY WD-CITY 13	24AUG66	13.3	-	162	-	6.2	-	-	-	48	22
7- 68	CAMDEN CITY WD-CITY 13	30JUL80	14.5	557	-	5.8	-	82	-	-	150	69
7- 68	CAMDEN CITY WD-CITY 13	06JUL82	14.0	640	621	6.1	6.2	86	-	-	170	85
7- 70	CAMDEN CITY WD-CITY 3A	15NOV82	15.5	595	596	6.0	6.2	57	-	0.2	190	130
7- 71	CAMDEN CITY WD-CITY 3-34	13NOV35	-	-	-	-	-	-	-	-	-	-
7- 71	CAMDEN CITY WD-CITY 3-34	28NOV49	-	-	445	-	5.7	29	29	-	130	98
7- 78	CAMDEN CITY WD-CITY 5N	01MAY64	15.0	-	293	-	5.9	-	38	-	83	45
7- 78	CAMDEN CITY WD-CITY 5N	09JUL65	-	-	404	-	-	-	-	-	-	-
7- 78	CAMDEN CITY WD-CITY 5N	24AUG66	15.0	-	398	-	6.3	-	47	-	100	54
7- 78	CAMDEN CITY WD-CITY 5N	31JUL80	16.0	394	-	5.9	-	66	-	-	94	28
7- 78	CAMDEN CITY WD-CITY 5N	06JUL82	16.0	380	380	6.1	6.2	90	-	-	100	10
7- 83	CAMDEN CITY WD-CITY 1A	24AUG66	14.5	-	474	-	6.4	-	-	-	110	61
7- 84	CAMDEN CITY WD-CITY 1-22	21NOV32	-	-	-	-	-	16	16	-	40	24
7- 87	CAMDEN CITY WD-CITY 1-40	28NOV49	-	-	306	-	6.0	52	52	-	99	47
7- 90	CAMDEN CITY WD-CITY 10	28NOV49	-	-	295	-	6.1	-	57	-	110	51
7- 90	CAMDEN CITY WD-CITY 10	16FEB51	-	-	303	-	7.0	-	58	-	110	52
7- 90	CAMDEN CITY WD-CITY 10	03JUL53	-	-	327	-	6.4	-	42	-	110	63
7- 90	CAMDEN CITY WD-CITY 10	16APR64	14.0	-	396	-	6.1	-	-	-	110	74
7- 91	CAMDEN CITY WD-CITY 9	31AUG61	14.5	-	519	-	6.4	-	126	-	190	66
7- 91	CAMDEN CITY WD-CITY 9	24APR62	-	-	504	-	6.5	-	110	-	190	80
7- 91	CAMDEN CITY WD-CITY 9	02OCT62	14.0	-	580	-	6.3	-	139	-	220	84
7- 91	CAMDEN CITY WD-CITY 9	12APR63	13.5	-	621	-	6.6	-	-	-	210	-
7- 91	CAMDEN CITY WD-CITY 9	13AUG63	14.5	-	594	-	6.5	-	190	-	210	23
7- 91	CAMDEN CITY WD-CITY 9	09JUL65	-	-	600	-	-	-	-	-	-	-
7- 91	CAMDEN CITY WD-CITY 9	24AUG66	16.5	-	433	-	6.7	-	-	-	150	38
7- 93	CAMDEN CITY WD-CITY 9-24	11NOV49	-	-	274	-	7.4	44	44	-	98	54
7- 93	CAMDEN CITY WD-CITY 9-24	03JUL53	-	-	361	-	6.4	76	76	-	140	67
7- 94	CAMDEN CITY WD-CITY 16	31JUL80	16.0	1150	-	6.7	-	354	-	-	280	0
7- 95	CAMDEN CITY WD-CITY 14	11APR58	13.5	-	546	-	-	-	-	-	-	-
7- 98	NEW JERSEY WC-CAMDEN 52	21AUG80	14.5	432	-	5.7	-	64	-	-	110	42
7- 98	NEW JERSEY WC-CAMDEN 52	19JUL82	14.0	482	486	6.1	6.2	70	-	0.5	110	44
7-102	CAMDEN CITY WD-CITY 15	16APR64	14.5	-	582	-	6.7	-	245	-	220	0
7-107	NEW JERSEY WC-CAMDEN 51	31AUG66	14.5	-	393	-	6.9	-	-	-	77	0
7-108	NEW JERSEY WC-CAM 10 OBS	26JUN75	14.5	404	-	6.2	-	-	104	-	150	47
7-108	NEW JERSEY WC-CAM 10 OBS	28APR76	14.5	386	-	6.1	-	-	115	-	110	0
7-110	NEW JERSEY WC-CAMDEN 49	31AUG66	13.5	-	286	-	6.9	-	-	-	100	0
7-110	NEW JERSEY WC-CAMDEN 49	21AUG80	15.0	624	-	6.7	-	296	-	-	170	0
7-120	HUSSMAN REFRIDG CO	24AUG66	17.0	-	226	-	7.6	-	-	-	94	9
7-122	NEW JERSEY WC-BROWN 44	21AUG80	17.5	189	-	7.6	-	72	-	-	68	0
7-122	NEW JERSEY WC-BROWN 44	25AUG82	17.0	188	188	7.5	7.4	71	-	0.2	67	0
7-124	NEW JERSEY WC-BROWNG 45	25AUG82	16.0	222	221	7.5	7.7	80	-	0.2	91	11
7-133	NEW JERSEY WC-OLD ORCH36	21AUG80	15.5	252	-	7.8	-	98	-	-	110	16

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Diss. Sodium	Diss. Potassium	Diss. Calcium	Diss. Magnesium	Diss. Silica	Diss. Chloride	Diss. Sulfate	Diss. Fluoride
7- 48	CAMDEN CITY WD-CITY 6N	09JUL65	-	-	-	-	-	30	205	-
7- 48	CAMDEN CITY WD-CITY 6N	24AUG66	29	14	52	35	4.0	29	178	0.0
7- 48	CAMDEN CITY WD-CITY 6N	05NOV82	74	15	92	39	11	1100	4.0	0.1
7- 57	OUR LADY LORDS HOSP-STBY	21SEP82	22	5.3	34	8.0	11	73	35	<0.1
7- 58	WEST JERSEY HOSPITAL 1	21SEP82	58	12	59	32	5.3	75	110	<0.1
7- 61	CAMDEN CITY WD-CITY 4	11JAN51	-	-	-	-	-	13	-	-
7- 61	CAMDEN CITY WD-CITY 4	16FEB51	9.8	3.0	10	7.7	9.1	14	48	0.0
7- 61	CAMDEN CITY WD-CITY 4	24AUG66	25	11	32	23	7.6	28	101	0.1
7- 61	CAMDEN CITY WD-CITY 4	30JUL80	40	13	58	30	4.6	71	110	-
7- 61	CAMDEN CITY WD-CITY 4	06JUL82	34	12	59	29	6.0	47	120	<0.1
7- 62	CAMDEN CITY WD-CITY 4-35	28NOV49	10	3.2	8.9	8.3	10	12	45	0.0
7- 64	CAMDEN CITY WD-CITY 17	03AUG60	7.2	3.6	18	5.0	11	8.2	34	0.1
7- 64	CAMDEN CITY WD-CITY 17	31AUG61	5.4	3.5	16	5.7	11	8.8	31	0.1
7- 64	CAMDEN CITY WD-CITY 17	24APR62	5.4	4.0	16	5.0	11	7.8	28	0.1
7- 64	CAMDEN CITY WD-CITY 17	02OCT62	5.5	3.6	16	5.1	11	8.0	28	0.0
7- 64	CAMDEN CITY WD-CITY 17	12APR63	6.0	3.2	16	5.1	12	7.0	29	0.0
7- 64	CAMDEN CITY WD-CITY 17	13AUG63	5.6	3.2	17	5.1	11	8.4	30	0.3
7- 64	CAMDEN CITY WD-CITY 17	16APR64	-	-	-	-	-	8.2	29	0.0
7- 64	CAMDEN CITY WD-CITY 17	24AUG66	6.3	4.0	16	5.2	10	9.1	31	0.0
7- 64	CAMDEN CITY WD-CITY 17	22DEC70	8.4	4.1	16	4.8	11	11	32	0.0
7- 64	CAMDEN CITY WD-CITY 17	30JUL80	14	4.7	21	6.7	12	22	52	-
7- 64	CAMDEN CITY WD-CITY 17	29OCT82	16	4.3	22	7.3	11	28	62	<0.1
7- 66	CAMDEN CITY WD-CITY 2A	22DEC49	26	6.7	39	17	8.7	29	71	0.1
7- 68	CAMDEN CITY WD-CITY 13	11JAN51	17	3.0	22	8.8	7.8	19	21	0.5
7- 68	CAMDEN CITY WD-CITY 13	31AUG61	5.0	2.8	9.8	3.5	15	10	14	0.1
7- 68	CAMDEN CITY WD-CITY 13	24APR62	5.2	3.0	9.8	3.0	14	9.0	15	0.0
7- 68	CAMDEN CITY WD-CITY 13	12APR63	6.9	2.2	9.6	3.4	15	9.5	16	0.0
7- 68	CAMDEN CITY WD-CITY 13	13AUG63	5.9	2.4	11	3.4	14	10	16	0.2
7- 68	CAMDEN CITY WD-CITY 13	24AUG66	11	3.3	12	4.4	14	16	24	0.0
7- 68	CAMDEN CITY WD-CITY 13	30JUL80	47	6.2	37	14	11	50	110	-
7- 68	CAMDEN CITY WD-CITY 13	06JUL82	48	6.5	42	16	12	50	120	0.1
7- 70	CAMDEN CITY WD-CITY 3A	15NOV82	43	8.5	40	22	5.6	46	130	<0.1
7- 71	CAMDEN CITY WD-CITY 3-34	13NOV35	-	-	-	-	-	12	-	-
7- 71	CAMDEN CITY WD-CITY 3-34	28NOV49	32	5.8	26	15	8.4	28	101	0.1
7- 78	CAMDEN CITY WD-CITY 5N	01MAY64	22	3.9	18	9.2	9.5	28	48	0.1
7- 78	CAMDEN CITY WD-CITY 5N	09JUL65	-	-	-	-	-	34	85	-
7- 78	CAMDEN CITY WD-CITY 5N	24AUG66	34	4.7	24	10	12	36	82	0.0
7- 78	CAMDEN CITY WD-CITY 5N	31JUL80	29	5.6	21	9.9	11	34	60	-
7- 78	CAMDEN CITY WD-CITY 5N	06JUL82	28	5.5	22	11	13	33	56	0.1
7- 83	CAMDEN CITY WD-CITY 1A	24AUG66	42	4.5	28	10	13	59	81	0.1
7- 84	CAMDEN CITY WD-CITY 1-22	21NOV32	5.7	1.4	10	3.7	11	12	9.8	-
7- 87	CAMDEN CITY WD-CITY 1-40	28NOV49	18	3.6	24	9.4	13	36	37	0.2
7- 90	CAMDEN CITY WD-CITY 10	28NOV49	13	3.0	25	11	12	17	38	0.1
7- 90	CAMDEN CITY WD-CITY 10	16FEB51	10	3.1	26	11	9.9	22	38	0.0
7- 90	CAMDEN CITY WD-CITY 10	03JUL53	17	3.5	24	11	9.5	34	49	0.0
7- 90	CAMDEN CITY WD-CITY 10	16APR64	29	3.2	26	12	10	47	69	0.1
7- 91	CAMDEN CITY WD-CITY 9	31AUG61	22	4.5	39	23	7.8	38	46	0.2
7- 91	CAMDEN CITY WD-CITY 9	24APR62	22	4.5	40	22	8.1	44	48	0.3
7- 91	CAMDEN CITY WD-CITY 9	02OCT62	20	4.6	43	28	8.3	42	72	0.2
7- 91	CAMDEN CITY WD-CITY 9	12APR63	24	1.6	44	24	6.7	46	59	0.1
7- 91	CAMDEN CITY WD-CITY 9	13AUG63	24	4.4	44	25	6.9	44	44	0.2
7- 91	CAMDEN CITY WD-CITY 9	09JUL65	-	-	-	-	-	50	41	-
7- 91	CAMDEN CITY WD-CITY 9	24AUG66	23	3.6	38	14	6.4	54	21	0.5
7- 93	CAMDEN CITY WD-CITY 9-24	11NOV49	12	3.6	21	11	9.4	12	47	0.1
7- 93	CAMDEN CITY WD-CITY 9-24	03JUL53	12	4.6	31	16	7.3	14	68	0.0
7- 94	CAMDEN CITY WD-CITY 16	31JUL80	67	12	46	39	5.0	91	91	-
7- 95	CAMDEN CITY WD-CITY 14	11APR58	-	-	-	-	-	30	38	-
7- 98	NEW JERSEY WC-CAMDEN 52	21AUG80	33	4.4	24	11	11	39	56	-
7- 98	NEW JERSEY WC-CAMDEN 52	19JUL82	31	4.4	26	12	11	44	68	0.2
7-102	CAMDEN CITY WD-CITY 15	16APR64	24	4.1	50	23	6.5	18	36	0.2
7-107	NEW JERSEY WC-CAMDEN 51	31AUG66	51	2.1	30	0.6	8.4	23	46	0.2
7-108	NEW JERSEY WC-CAM 10 OBS	26JUN75	18	4.1	39	13	3.9	19	89	<0.1
7-108	NEW JERSEY WC-CAM 10 OBS	28APR76	11	3.0	24	11	2.3	18	29	0.1
7-110	NEW JERSEY WC-CAMDEN 49	31AUG66	12	3.1	22	12	4.5	17	0.8	1.0
7-110	NEW JERSEY WC-CAMDEN 49	21AUG80	13	4.6	41	17	6.5	15	0.0	-
7-120	HUSSMAN REFRIDG CO	24AUG66	5.8	8.6	27	6.4	8.4	1.4	29	0.2
7-122	NEW JERSEY WC-BROWN 44	21AUG80	7.8	7.6	20	4.0	9.3	3.3	18	-
7-122	NEW JERSEY WC-BROWN 44	25AUG82	7.5	7.4	20	4.1	9.7	3.1	17	0.3
7-124	NEW JERSEY WC-BROWNG 45	25AUG82	4.7	8.9	27	5.7	8.8	1.2	26	0.3
7-133	NEW JERSEY WC-OLD ORCH36	21AUG80	4.1	8.5	33	7.3	8.3	0.8	35	-

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Conoentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Total Iron (ug/L)	Diss. Iron (ug/L)	Total Manganese (ug/L)	Diss. Manganese (ug/L)	Diss. Organic Carbon	Dissolved Solids Residue at 180°C	Dissolved Solids Sum of Constituents
7- 48	CAMDEN CITY WD-CITY 6N	09JUL65	-	-	-	-	-	-	-
7- 48	CAMDEN CITY WD-CITY 6N	24AUG66	140	-	1000	-	-	445	426
7- 48	CAMDEN CITY WD-CITY 6N	05NOV82	-	460000	-	6800	1.6	1620	1820
7- 57	OUR LADY LORDS HOSP-STBY	21SEP82	-	7200	-	200	1.0	222	216
7- 58	WEST JERSEY HOSPITAL 1	21SEP82	-	260	-	100	-	475	-
7- 61	CAMDEN CITY WD-CITY 4	11JAN51	-	-	-	-	-	139	-
7- 61	CAMDEN CITY WD-CITY 4	16FEB51	10	-	20	-	-	132	115
7- 61	CAMDEN CITY WD-CITY 4	24AUG66	290	-	100	-	-	308	294
7- 61	CAMDEN CITY WD-CITY 4	30JUL80	-	15	-	180	1.6	483	418
7- 61	CAMDEN CITY WD-CITY 4	06JUL82	-	31	-	140	1.7	477	-
7- 62	CAMDEN CITY WD-CITY 4-35	28NOV49	10	-	50	-	-	121	112
7- 64	CAMDEN CITY WD-CITY 17	03AUG60	2400	-	140	-	-	122	111
7- 64	CAMDEN CITY WD-CITY 17	31AUG61	1600	-	210	-	-	105	105
7- 64	CAMDEN CITY WD-CITY 17	24APR62	1400	-	50	-	-	103	100
7- 64	CAMDEN CITY WD-CITY 17	02OCT62	1200	-	110	-	-	112	101
7- 64	CAMDEN CITY WD-CITY 17	12APR63	1400	-	50	-	-	101	101
7- 64	CAMDEN CITY WD-CITY 17	13AUG63	1300	-	150	-	-	109	106
7- 64	CAMDEN CITY WD-CITY 17	16APR64	1300	-	120	-	-	104	-
7- 64	CAMDEN CITY WD-CITY 17	24AUG66	1600	-	80	-	-	111	105
7- 64	CAMDEN CITY WD-CITY 17	22DEC70	-	1300	-	100	-	109	110
7- 64	CAMDEN CITY WD-CITY 17	30JUL80	-	1800	-	140	0.8	157	159
7- 64	CAMDEN CITY WD-CITY 17	29OCT82	-	1200	-	140	1.1	202	166
7- 66	CAMDEN CITY WD-CITY 2A	22DEC49	20	-	600	-	-	289	278
7- 68	CAMDEN CITY WD-CITY 13	11JAN51	100	-	1800	-	-	144	153
7- 68	CAMDEN CITY WD-CITY 13	31AUG61	970	-	100	-	-	80	79
7- 68	CAMDEN CITY WD-CITY 13	24APR62	1700	-	30	-	-	76	76
7- 68	CAMDEN CITY WD-CITY 13	12APR63	2100	-	80	-	-	77	81
7- 68	CAMDEN CITY WD-CITY 13	13AUG63	1500	-	140	-	-	96	81
7- 68	CAMDEN CITY WD-CITY 13	24AUG66	930	-	120	-	-	111	106
7- 68	CAMDEN CITY WD-CITY 13	30JUL80	-	1100	-	430	1.8	340	331
7- 68	CAMDEN CITY WD-CITY 13	06JUL82	-	1200	-	500	-	413	-
7- 70	CAMDEN CITY WD-CITY 3A	15NOV82	-	120	-	130	-	347	330
7- 71	CAMDEN CITY WD-CITY 3-34	13NOV35	-	-	-	-	-	118	-
7- 71	CAMDEN CITY WD-CITY 3-34	28NOV49	10	-	160	-	-	273	262
7- 78	CAMDEN CITY WD-CITY 5N	01MAY64	100	-	90	-	-	181	166
7- 78	CAMDEN CITY WD-CITY 5N	09JUL65	-	-	-	-	-	-	-
7- 78	CAMDEN CITY WD-CITY 5N	24AUG66	360	-	260	-	-	247	239
7- 78	CAMDEN CITY WD-CITY 5N	31JUL80	-	2700	-	1000	1.2	225	218
7- 78	CAMDEN CITY WD-CITY 5N	06JUL82	-	3100	-	1000	1.7	239	-
7- 83	CAMDEN CITY WD-CITY 1A	24AUG66	4800	-	2600	-	-	286	268
7- 84	CAMDEN CITY WD-CITY 1-22	21NOV32	760	-	-	-	-	84	76
7- 87	CAMDEN CITY WD-CITY 1-40	28NOV49	10	-	280	-	-	181	173
7- 90	CAMDEN CITY WD-CITY 10	28NOV49	190	-	70	-	-	175	170
7- 90	CAMDEN CITY WD-CITY 10	16FEB51	20	-	310	-	-	187	166
7- 90	CAMDEN CITY WD-CITY 10	03JUL53	0	-	980	-	-	206	190
7- 90	CAMDEN CITY WD-CITY 10	16APR64	480	-	4400	-	-	236	231
7- 91	CAMDEN CITY WD-CITY 9	31AUG61	890	-	6500	-	-	288	287
7- 91	CAMDEN CITY WD-CITY 9	24APR62	3400	-	7300	-	-	297	287
7- 91	CAMDEN CITY WD-CITY 9	02OCT62	2700	-	8000	-	-	319	309
7- 91	CAMDEN CITY WD-CITY 9	12APR63	190	-	1200	-	-	304	-
7- 91	CAMDEN CITY WD-CITY 9	13AUG63	3800	-	9600	-	-	326	326
7- 91	CAMDEN CITY WD-CITY 9	09JUL65	-	-	-	-	-	-	-
7- 91	CAMDEN CITY WD-CITY 9	24AUG66	6700	-	6200	-	-	256	237
7- 93	CAMDEN CITY WD-CITY 9-24	11NOV49	10	-	60	-	-	164	159
7- 93	CAMDEN CITY WD-CITY 9-24	03JUL53	700	-	350	-	-	240	214
7- 94	CAMDEN CITY WD-CITY 16	31JUL80	-	18000	-	7000	10	566	591
7- 95	CAMDEN CITY WD-CITY 14	11APR58	-	-	-	-	-	-	-
7- 98	NEW JERSEY WC-CAMDEN 52	21AUG80	-	650	-	2300	1.4	238	244
7- 98	NEW JERSEY WC-CAMDEN 52	19JUL82	-	460	-	2400	1.6	278	-
7-102	CAMDEN CITY WD-CITY 15	16APR64	6600	-	6500	-	-	271	317
7-107	NEW JERSEY WC-CAMDEN 51	31AUG66	120	-	50	-	-	244	237
7-108	NEW JERSEY WC-CAM 10 OBS	26JUN75	14000	4300	8500	8000	6.6	276	261
7-108	NEW JERSEY WC-CAM 10 OBS	28APR76	5700	1300	4000	1200	3.1	169	170
7-110	NEW JERSEY WC-CAMDEN 49	31AUG66	15000	-	3600	-	-	152	149
7-110	NEW JERSEY WC-CAMDEN 49	21AUG80	-	33000	-	8200	2.6	285	317
7-120	HUSSMAN REFRIDG CO	24AUG66	310	-	40	-	-	141	139
7-122	NEW JERSEY WC-BROWN 44	21AUG80	-	740	-	50	0.9	106	116
7-122	NEW JERSEY WC-BROWN 44	25AUG82	-	770	-	47	0.6	107	113
7-124	NEW JERSEY WC-BROWNG 45	25AUG82	-	720	-	41	0.5	128	131
7-133	NEW JERSEY WC-OLD ORCH36	21AUG80	-	420	-	18	0.8	148	157

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Temperature (°C)	Specific Conductance (micromhos) Field	Specific Conductance (micromhos) Lab	pH (Units) Field	pH (Units) Lab	Alkalinity (As CaCO3) Field	Alkalinity (As CaCO3) Lab	Dissolved Oxygen	Hardness (As CaCO3) Total	Hardness (As CaCO3) Noncarbonate
7-134	NEW JERSEY WC-OLD ORCH37	21AUG80	16.5	240	-	7.4	-	88	-	-	100	13
7-142	NEW JERSEY WC-ELLISBG 23	20FEB64	14.5	-	205	-	6.8	-	66	-	83	17
7-142	NEW JERSEY WC-ELLISBG 23	17AUG66	14.5	-	198	-	7.1	-	-	-	90	26
7-143	NEW JERSEY WC-ELLISBG 16	03AUG60	14.0	-	214	-	7.0	-	71	-	91	20
7-143	NEW JERSEY WC-ELLISBG 16	20FEB64	13.5	-	216	-	6.8	-	71	-	90	19
7-143	NEW JERSEY WC-ELLISBG 16	23AUG66	14.5	-	221	-	7.2	-	-	-	82	5
7-147	NEW JERSEY WC-KINGSTN 25	17AUG66	14.5	-	212	-	6.0	-	-	-	92	17
7-147	NEW JERSEY WC-KINGSTN 25	21AUG80	15.0	215	-	6.9	-	71	-	-	88	17
7-148	NEW JERSEY WC-KINGSTN 28	21AUG80	14.5	232	-	7.0	-	74	-	-	97	23
7-149	NJ DEPT DEF-NAT GUARD 1	20AUG80	16.5	259	-	6.8	-	125	-	-	110	0
7-157	NEW JERSEY WC-COLMBIA 31	26AUG82	15.0	186	175	6.7	7.2	61	-	0.2	62	1
7-160	RCA-CHERRY HILL 1	18AUG67	15.0	-	232	-	7.1	-	-	-	110	4
7-160	RCA-CHERRY HILL 1	09JUL80	14.5	241	-	6.8	-	103	-	-	100	0
7-171	COLLINGSWOOD BORO WD 7	23AUG66	14.5	-	201	-	6.7	-	-	-	77	10
7-171	COLLINGSWOOD BORO WD 7	07JUL80	14.0	258	-	6.6	-	86	-	-	96	10
7-175	COLLINGSWOOD BORO WD 1R	01AUG60	13.5	-	173	-	6.4	-	41	-	69	28
7-176	COLLINGSWOOD BORO WD 2	07JUL80	14.0	201	-	6.4	-	65	-	-	76	11
7-178	COLLINGSWOOD BORO WD 3	23AUG66	13.5	-	163	-	6.7	-	-	-	70	17
7-188	NEW JERSEY WC-GIBBSBO 42	26AUG82	20.0	167	168	7.6	7.9	64	-	0.0	44	0
7-189	NEW JERSEY WC-GIBBSBO 41	26AUG82	21.0	205	213	7.7	7.8	70	-	0.2	41	0
7-193	CRESCENT TRAILER PK 1	07JUL80	15.0	490	-	6.3	-	80	-	-	180	95
7-194	NJ ZINC CO 4-DEEP	12DEC68	14.0	-	434	-	-	-	-	-	-	-
7-194	NJ ZINC CO 4-DEEP	03JUL80	14.5	480	-	6.4	-	95	-	-	130	37
7-194	NJ ZINC CO 4-DEEP	16SEP82	15.0	355	366	6.7	8.3	78	-	0.4	110	28
7-195	NJ ZINC CO 5-DEEP	03JUL80	14.0	605	-	6.5	-	183	-	-	170	0
7-197	NJ ZINC CO 3-DEEP	12DEC68	13.0	-	393	-	-	-	-	-	-	-
7-197	NJ ZINC CO 3-DEEP	14MAY71	14.5	-	439	-	7.3	-	-	-	160	0
7-197	NJ ZINC CO 3-DEEP	30JUN72	14.5	-	510	-	7.3	-	-	-	87	-
7-197	NJ ZINC CO 3-DEEP	01JUN73	14.5	-	513	-	7.1	-	180	-	187	0
7-197	NJ ZINC CO 3-DEEP	28MAR75	14.5	613	-	6.5	-	-	226	-	210	0
7-197	NJ ZINC CO 3-DEEP	16SEP82	15.0	880	856	6.4	6.5	270	-	0.3	330	55
7-207	HINDE AND DAUCH-JERSEY 1	31AUG66	14.0	-	253	-	6.3	-	-	-	76	22
7-210	GLOUCESTER CITY WD 42	07JUL80	15.0	250	-	6.2	-	41	-	-	56	15
7-211	GLOUCESTER CITY WD 2	16APR64	14.5	-	337	-	6.4	-	88	-	110	24
7-211	GLOUCESTER CITY WD 2	09JUL65	-	-	327	-	-	-	-	-	-	-
7-213	GLOUCESTER CITY WD 38	22MAR51	13.5	-	201	-	7.2	-	64	-	64	0
7-213	GLOUCESTER CITY WD 38	31AUG61	14.0	-	263	-	7.0	-	79	-	99	20
7-213	GLOUCESTER CITY WD 38	24APR62	-	-	289	-	7.0	-	76	-	110	33
7-213	GLOUCESTER CITY WD 38	31AUG66	14.5	-	293	-	6.8	-	-	-	97	33
7-215	GLOUCESTER CITY WD 37	22MAR51	-	-	329	-	5.8	-	16	-	91	75
7-215	GLOUCESTER CITY WD 37	31AUG61	16.5	-	332	-	4.7	-	2	-	100	99
7-215	GLOUCESTER CITY WD 37	24APR62	-	-	327	-	4.5	-	0	-	98	98
7-215	GLOUCESTER CITY WD 37	02OCT62	16.0	-	338	-	5.1	-	3	-	110	110
7-215	GLOUCESTER CITY WD 37	12APR63	15.5	-	342	-	5.0	-	3	-	98	95
7-215	GLOUCESTER CITY WD 37	16APR64	15.5	-	313	-	5.6	-	11	-	96	85
7-215	GLOUCESTER CITY WD 37	09JUL65	-	-	313	-	-	-	-	-	-	-
7-215	GLOUCESTER CITY WD 37	31AUG66	15.0	-	331	-	5.7	-	-	-	94	85
7-220	GLOUCESTER CITY WD 40	31AUG61	14.0	-	186	-	7.1	-	65	-	58	0
7-220	GLOUCESTER CITY WD 40	02OCT62	14.0	-	219	-	7.0	-	71	-	76	5
7-220	GLOUCESTER CITY WD 40	12APR63	14.0	-	233	-	7.1	-	70	-	74	4
7-220	GLOUCESTER CITY WD 40	16APR64	14.0	-	226	-	6.8	-	70	-	77	8
7-220	GLOUCESTER CITY WD 40	09JUL65	-	-	225	-	-	-	-	-	-	-
7-220	GLOUCESTER CITY WD 40	31AUG66	13.5	-	235	-	6.8	-	-	-	76	11
7-221	USGS-GLOUC CTY CG BASE 1	26JUN75	15.0	328	-	6.8	-	-	129	-	110	0
7-221	USGS-GLOUC CTY CG BASE 1	29APR76	15.0	355	-	6.6	-	-	135	-	110	0
7-221	USGS-GLOUC CTY CG BASE 1	23JUL80	15.5	403	-	6.8	-	189	-	-	140	0
7-221	USGS-GLOUC CTY CG BASE 1	05JAN83	15.0	430	395	7.2	6.9	200	-	0.3	130	0
7-249	GARDEN ST WC-BLACKWOOD 3	25AUG80	16.5	197	-	8.0	-	86	-	-	47	0
7-252	GARDEN ST WC-BLACKWOOD 6	14APR58	15.5	-	205	-	-	-	-	-	-	-
7-252	GARDEN ST WC-BLACKWOOD 6	25AUG80	18.0	197	-	8.0	-	86	-	-	51	0
7-253	GARDEN ST WC-BLACKWOOD 1	01AUG60	16.0	-	214	-	7.7	-	94	-	41	0
7-253	GARDEN ST WC-BLACKWOOD 1	25AUG66	15.5	-	201	-	8.0	-	88	-	43	0
7-273	NEW JERSEY WC-OTTERBK 29	22AUG80	17.5	173	-	7.6	-	69	-	-	42	0
7-274	NEW JERSEY WC-OTTERBK 39	22AUG80	15.5	168	-	7.8	-	72	-	-	58	0
7-275	NEW JERSEY WC-HADDON 20	03AUG60	14.0	-	209	-	7.6	-	80	-	79	0
7-278	NEW JERSEY WC-HADDON 15	17AUG66	15.5	-	184	-	7.1	-	-	-	61	0
7-278	NEW JERSEY WC-HADDON 15	22AUG80	16.0	192	-	7.4	-	70	-	-	65	0
7-278	NEW JERSEY WC-HADDON 15	25AUG82	16.5	210	210	7.5	7.3	75	75	6.4	83	8
7-279	NEW JERSEY WC-HADDON 30	17AUG66	13.5	-	221	-	7.5	-	-	-	88	8
7-279	NEW JERSEY WC-HADDON 30	22AUG80	14.5	221	-	7.4	-	82	-	-	91	9

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Diss. Sodium	Diss. Potassium	Diss. Calcium	Diss. Magnesium	Diss. Silica	Diss. Chloride	Diss. Sulfate	Diss. Fluoride
7-134	NEW JERSEY WC-OLD ORCH37	21AUG80	3.4	8.6	30	5.9	8.7	1.6	31	-
7-142	NEW JERSEY WC-ELLISBG 23	20FEB64	3.5	7.5	25	5.1	7.7	2.1	31	0.1
7-142	NEW JERSEY WC-ELLISBG 23	17AUG66	1.7	4.2	27	5.4	7.8	2.1	35	0.0
7-143	NEW JERSEY WC-ELLISBG 16	03AUG60	5.0	4.4	28	5.0	9.1	2.0	36	0.1
7-143	NEW JERSEY WC-ELLISBG 16	20FEB64	3.5	7.0	27	5.6	8.5	1.6	34	0.1
7-143	NEW JERSEY WC-ELLISBG 16	23AUG66	10	6.2	24	5.4	9.1	2.0	34	0.1
7-147	NEW JERSEY WC-KINGSTN 25	17AUG66	3.1	7.2	27	6.0	8.0	1.8	33	0.0
7-147	NEW JERSEY WC-KINGSTN 25	21AUG80	2.7	6.4	26	5.2	9.1	1.5	33	-
7-148	NEW JERSEY WC-KINGSTN 28	21AUG80	2.9	6.4	29	5.7	9.4	1.1	39	-
7-149	NJ DEPT DEF-NAT GUARD 1	20AUG80	3.3	5.0	35	6.5	9.1	3.8	9.0	-
7-157	NEW JERSEY WC-COLMBIA 31	26AUG82	5.2	4.6	19	3.6	11	3.3	25	<0.1
7-160	RCA-CHERRY HILL 1	18AUG67	2.5	5.0	33	7.5	12	3.0	11	0.0
7-160	RCA-CHERRY HILL 1	09JUL80	2.3	4.8	29	6.7	20	5.0	12	-
7-171	COLLINGSWOOD BORO WD 7	23AUG66	6.0	7.2	23	4.8	9.1	2.8	28	0.1
7-171	COLLINGSWOOD BORO WD 7	07JUL80	5.9	6.9	28	6.1	9.7	7.0	30	-
7-175	COLLINGSWOOD BORO WD 1R	01AUG60	-	-	-	-	-	6.1	32	-
7-176	COLLINGSWOOD BORO WD 2	07JUL80	3.3	4.4	22	5.0	11	5.3	27	-
7-178	COLLINGSWOOD BORO WD 3	23AUG66	2.8	4.0	18	6.0	11	4.2	23	0.1
7-188	NEW JERSEY WC-GIBBSBO 42	26AUG82	13	5.9	13	2.8	10	4.7	11	0.3
7-189	NEW JERSEY WC-GIBBSBO 41	26AUG82	22	5.6	12	2.8	10	9.1	17	0.5
7-193	CRESCENT TRAILER PK 1	07JUL80	15	6.4	53	10	19	18	140	-
7-194	NJ ZINC CO 4-DEEP	12DEC68	-	-	-	-	-	-	55	-
7-194	NJ ZINC CO 4-DEEP	03JUL80	17	9.5	36	9.7	12	24	110	-
7-194	NJ ZINC CO 4-DEEP	16SEP82	19	8.1	30	7.6	13	22	67	0.5
7-195	NJ ZINC CO 5-DEEP	03JUL80	26	11	49	12	11	30	79	-
7-197	NJ ZINC CO 3-DEEP	12DEC68	-	-	-	-	-	-	6.3	-
7-197	NJ ZINC CO 3-DEEP	14MAY71	30	12	46	10	10	20	9.8	0.3
7-197	NJ ZINC CO 3-DEEP	30JUN72	-	-	19	9.7	-	24	11	-
7-197	NJ ZINC CO 3-DEEP	01JUN73	35	11	-	-	12	28	16	-
7-197	NJ ZINC CO 3-DEEP	28MAR75	36	12	59	15	12	38	30	-
7-197	NJ ZINC CO 3-DEEP	16SEP82	51	14	94	22	15	64	130	0.2
7-207	HINDE AND DAUCH-JERSEY 1	31AUG66	15	7.4	22	5.2	15	21	38	0.0
7-210	GLOUCESTER CITY WD 42	07JUL80	16	5.8	16	3.6	10	21	39	-
7-211	GLOUCESTER CITY WD 2	16APR64	18	12	31	8.3	11	22	42	0.0
7-211	GLOUCESTER CITY WD 2	09JUL65	-	-	-	-	-	22	46	-
7-213	GLOUCESTER CITY WD 38	22MAR51	11	7.3	20	3.3	10	5.8	26	0.2
7-213	GLOUCESTER CITY WD 38	31AUG61	12	6.0	28	7.1	11	8.6	42	0.1
7-213	GLOUCESTER CITY WD 38	24APR62	11	10	31	7.7	11	9.7	50	0.0
7-213	GLOUCESTER CITY WD 38	31AUG66	14	8.8	28	6.6	14	18	51	0.0
7-215	GLOUCESTER CITY WD 37	22MAR51	24	6.6	22	8.7	9.8	27	91	0.1
7-215	GLOUCESTER CITY WD 37	31AUG61	17	6.0	19	13	13	20	110	0.1
7-215	GLOUCESTER CITY WD 37	24APR62	17	9.0	18	13	12	20	109	0.1
7-215	GLOUCESTER CITY WD 37	02OCT62	15	6.0	18	16	13	20	108	0.1
7-215	GLOUCESTER CITY WD 37	12APR63	14	4.1	18	13	14	20	104	0.0
7-215	GLOUCESTER CITY WD 37	16APR64	-	-	-	-	-	22	81	0.1
7-215	GLOUCESTER CITY WD 37	09JUL65	-	-	-	-	-	22	99	-
7-215	GLOUCESTER CITY WD 37	31AUG66	20	6.6	18	12	11	23	105	0.0
7-220	GLOUCESTER CITY WD 40	31AUG61	12	6.0	18	3.2	11	5.2	23	0.1
7-220	GLOUCESTER CITY WD 40	02OCT62	9.5	6.6	20	6.3	9.9	4.8	27	0.0
7-220	GLOUCESTER CITY WD 40	12APR63	11	4.9	22	4.6	9.9	4.0	28	0.0
7-220	GLOUCESTER CITY WD 40	16APR64	-	-	-	-	-	8.5	30	0.1
7-220	GLOUCESTER CITY WD 40	09JUL65	-	-	-	-	-	9.0	32	-
7-220	GLOUCESTER CITY WD 40	31AUG66	12	7.8	22	5.2	12	11	33	0.0
7-221	USGS-GLOUC CTY CG BASE 1	26JUN75	17	5.9	33	7.9	6.6	20	8.9	0.4
7-221	USGS-GLOUC CTY CG BASE 1	29APR76	16	5.6	30	8.0	6.5	17	9.2	0.4
7-221	USGS-GLOUC CTY CG BASE 1	23JUL80	15	6.6	38	10	7.2	16	2.5	-
7-221	USGS-GLOUC CTY CG BASE 1	05JAN83	13	6.0	37	9.1	6.4	16	3.0	0.4
7-249	GARDEN ST WC-BLACKWOOD 3	25AUG80	21	6.6	13	3.3	8.8	1.6	14	-
7-252	GARDEN ST WC-BLACKWOOD 6	14APR58	-	-	-	-	-	2.0	16	-
7-252	GARDEN ST WC-BLACKWOOD 6	25AUG80	19	6.9	14	3.8	8.9	1.3	15	-
7-253	GARDEN ST WC-BLACKWOOD 1	01AUG60	31	4.5	11	3.3	9.9	2.6	15	0.6
7-253	GARDEN ST WC-BLACKWOOD 1	25AUG66	24	6.8	12	3.2	9.1	3.1	15	0.0
7-273	NEW JERSEY WC-OTTERBK 29	22AUG80	20	6.2	12	2.7	9.4	8.1	12	-
7-274	NEW JERSEY WC-OTTERBK 39	22AUG80	11	6.4	17	3.5	8.8	1.4	15	-
7-275	NEW JERSEY WC-HADDON 20	03AUG60	-	-	-	-	-	2.1	25	-
7-278	NEW JERSEY WC-HADDON 15	17AUG66	11	6.8	18	3.8	8.9	4.4	19	0.2
7-278	NEW JERSEY WC-HADDON 15	22AUG80	9.5	7.4	19	3.9	9.0	3.8	21	-
7-278	NEW JERSEY WC-HADDON 15	25AUG82	6.1	7.6	25	5.1	8.9	2.2	23	0.3
7-279	NEW JERSEY WC-HADDON 30	17AUG66	6.0	8.2	26	5.6	9.1	2.0	27	0.1
7-279	NEW JERSEY WC-HADDON 30	22AUG80	5.1	8.0	27	5.4	8.7	1.2	27	-

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Total Iron (ug/L)	Diss. Iron (ug/L)	Total Manganese (ug/L)	Diss. Manganese (ug/L)	Diss. Organic Carbon	Dissolved Solids Residue at 180°C	Dissolved Solids Sum of Constituents
7-134	NEW JERSEY WC-OLD ORCH37	21AUG80	-	1000	-	54	0.6	134	145
7-142	NEW JERSEY WC-ELLISBG 23	20FEB64	3700	-	120	-	-	125	122
7-142	NEW JERSEY WC-ELLISBG 23	17AUG66	3700	-	0	-	-	121	122
7-143	NEW JERSEY WC-ELLISBG 16	03AUG60	2200	-	90	-	-	139	133
7-143	NEW JERSEY WC-ELLISBG 16	20FEB64	4100	-	30	-	-	132	130
7-143	NEW JERSEY WC-ELLISBG 16	23AUG66	3600	-	100	-	-	148	137
7-147	NEW JERSEY WC-KINGSTN 25	17AUG66	2900	-	90	-	-	132	132
7-147	NEW JERSEY WC-KINGSTN 25	21AUG80	-	2900	-	83	0.6	122	131
7-148	NEW JERSEY WC-KINGSTN 28	21AUG80	-	3500	-	71	1.0	133	142
7-149	NJ DEPT DEF-NAT GUARD 1	20AUG80	-	3000	-	55	0.8	143	151
7-157	NEW JERSEY WC-COLMBIA 31	26AUG82	-	7100	-	95	0.8	115	116
7-160	RCA-CHERRY HILL 1	18AUG67	3800	-	50	-	-	150	140
7-160	RCA-CHERRY HILL 1	09JUL80	-	3800	-	38	1.5	135	148
7-171	COLLINGSWOOD BORO WD 7	23AUG66	3000	-	0	-	-	118	122
7-171	COLLINGSWOOD BORO WD 7	07JUL80	-	2700	-	85	3.4	147	149
7-175	COLLINGSWOOD BORO WD 1R	01AUG60	10000	-	-	-	-	119	-
7-176	COLLINGSWOOD BORO WD 2	07JUL80	-	3000	-	140	0.5	116	121
7-178	COLLINGSWOOD BORO WD 3	23AUG66	810	-	0	-	-	105	101
7-188	NEW JERSEY WC-GIBBSBO 42	26AUG82	-	460	-	39	1.2	107	100
7-189	NEW JERSEY WC-GIBBSBO 41	26AUG82	-	390	-	30	1.3	132	122
7-193	CRESCENT TRAILER PK 1	07JUL80	-	12000	-	130	4.4	316	323
7-194	NJ ZINC CO 4-DEEP	12DEC68	-	-	-	-	-	-	-
7-194	NJ ZINC CO 4-DEEP	03JUL80	-	21000	-	530	2.8	266	299
7-194	NJ ZINC CO 4-DEEP	16SEP82	-	11000	-	260	1.6	204	225
7-195	NJ ZINC CO 5-DEEP	03JUL80	-	17000	-	450	1.4	330	349
7-197	NJ ZINC CO 3-DEEP	12DEC68	-	-	-	-	-	-	-
7-197	NJ ZINC CO 3-DEEP	14MAY71	-	3100	-	130	-	248	261
7-197	NJ ZINC CO 3-DEEP	30JUN72	-	3700	-	110	-	-	-
7-197	NJ ZINC CO 3-DEEP	01JUN73	240	-	160	-	-	310	279
7-197	NJ ZINC CO 3-DEEP	28MAR75	5900	5900	210	210	-	356	344
7-197	NJ ZINC CO 3-DEEP	16SEP82	-	13000	-	360	3.2	490	566
7-207	HINDE AND DAUCH-JERSEY 1	31AUG66	3600	-	90	-	-	160	157
7-210	GLOUCESTER CITY WD 42	07JUL80	-	4100	-	60	11	134	142
7-211	GLOUCESTER CITY WD 2	16APR64	7600	-	90	-	-	198	197
7-211	GLOUCESTER CITY WD 2	09JUL65	-	-	-	-	-	-	-
7-213	GLOUCESTER CITY WD 38	22MAR51	30	-	10	-	-	124	123
7-213	GLOUCESTER CITY WD 38	31AUG61	2800	-	70	-	-	168	162
7-213	GLOUCESTER CITY WD 38	24APR62	3400	-	30	-	-	178	177
7-213	GLOUCESTER CITY WD 38	31AUG66	3900	-	70	-	-	185	179
7-215	GLOUCESTER CITY WD 37	22MAR51	0	-	110	-	-	219	201
7-215	GLOUCESTER CITY WD 37	31AUG61	8800	-	210	-	-	205	200
7-215	GLOUCESTER CITY WD 37	24APR62	7000	-	100	-	-	201	199
7-215	GLOUCESTER CITY WD 37	02OCT62	3200	-	150	-	-	202	198
7-215	GLOUCESTER CITY WD 37	12APR63	-	-	-	-	-	190	190
7-215	GLOUCESTER CITY WD 37	16APR64	7200	-	150	-	-	195	-
7-215	GLOUCESTER CITY WD 37	09JUL65	-	-	-	-	-	-	-
7-215	GLOUCESTER CITY WD 37	31AUG66	7800	-	180	-	-	203	206
7-220	GLOUCESTER CITY WD 40	31AUG61	1600	-	70	-	-	120	118
7-220	GLOUCESTER CITY WD 40	02OCT62	1000	-	40	-	-	135	127
7-220	GLOUCESTER CITY WD 40	12APR63	2600	-	20	-	-	125	127
7-220	GLOUCESTER CITY WD 40	16APR64	2500	-	50	-	-	137	-
7-220	GLOUCESTER CITY WD 40	09JUL65	-	-	-	-	-	-	-
7-220	GLOUCESTER CITY WD 40	31AUG66	2800	-	50	-	-	142	143
7-221	USGS-GLOUC CTY CG BASE 1	26JUN75	14000	6500	280	170	2.6	184	184
7-221	USGS-GLOUC CTY CG BASE 1	29APR76	7300	4400	160	90	2.1	168	127
7-221	USGS-GLOUC CTY CG BASE 1	23JUL80	-	12000	-	270	2.9	181	223
7-221	USGS-GLOUC CTY CG BASE 1	05JAN83	-	13000	-	330	-	198	224
7-249	GARDEN ST WC-BLACKWOOD 3	25AUG80	-	160	-	8	2.7	109	121
7-252	GARDEN ST WC-BLACKWOOD 6	14APR58	-	-	-	-	-	-	-
7-252	GARDEN ST WC-BLACKWOOD 6	25AUG80	-	180	-	9	2.8	109	122
7-253	GARDEN ST WC-BLACKWOOD 1	01AUG60	230	-	40	-	-	140	135
7-253	GARDEN ST WC-BLACKWOOD 1	25AUG66	140	140	30	30	-	124	126
7-273	NEW JERSEY WC-OTTERBK 29	22AUG80	-	420	-	31	0.6	105	113
7-274	NEW JERSEY WC-OTTERBK 39	22AUG80	-	280	-	13	0.8	100	108
7-275	NEW JERSEY WC-HADDON 20	03AUG60	440	-	-	-	-	134	-
7-278	NEW JERSEY WC-HADDON 15	17AUG66	730	-	40	-	-	108	115
7-278	NEW JERSEY WC-HADDON 15	22AUG80	-	750	-	42	1.3	109	118
7-278	NEW JERSEY WC-HADDON 15	25AUG82	-	24	-	2	0.4	118	123
7-279	NEW JERSEY WC-HADDON 30	17AUG66	680	-	40	-	-	133	133
7-279	NEW JERSEY WC-HADDON 30	22AUG80	-	640	-	28	0.7	128	133

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except es noted.]

Well Number	Local Well Identifier	Date of Sample	Temperature (°C)	Specific Conductance (micromhos) Field	Specific Conductance (micromhos) Lab	pH (Units) Field	pH (Units) Lab	Alkalinity (As CaCO3) Field	Alkalinity (As CaCO3) Lab	Dissolved Oxygen	Hardness (As CaCO3) Total	Hardness (As CaCO3) Noncarbonate
7-279	NEW JERSEY WC-HADDON 30	25AUG82	15.0	222	222	7.4	7.5	82	-	0.2	90	8
7-283	NEW JERSEY WC-EGBERT OBS	08SEP77	14.5	195	-	7.5	-	-	61	-	48	0
7-285	NEW JERSEY WC-EGBERT 18	03AUG60	14.0	-	212	-	7.5	-	83	-	83	0
7-285	NEW JERSEY WC-EGBERT 18	21AUG67	-	-	182	-	7.4	-	-	-	58	1
7-289	HADDON TWP WD 2	23AUG66	14.5	-	205	-	6.9	-	-	-	77	5
7-290	HADDON TWP WD 1	01AUG60	14.0	-	204	-	7.3	-	69	-	79	6
7-290	HADDON TWP WD 1	23AUG66	-	-	200	-	7.3	-	-	-	76	5
7-290	HADDON TWP WD 1	03JUL80	13.5	207	-	6.5	-	73	-	-	72	0
7-293	HADDON TWP HIGH SCH 1	03JUL80	14.5	172	-	6.6	-	75	-	-	66	0
7-293	HADDON TWP HIGH SCH 1	15OCT82	14.0	174	167	7.0	7.1	77	-	0.1	73	0
7-299	HADDONFLD BORO WD-LAYN 2	22AUG66	14.5	-	218	-	7.2	-	-	-	89	10
7-299	HADDONFLD BORO WD-LAYN 2	09JUL80	14.0	233	-	6.9	-	84	-	-	91	7
7-302	HADDONFLD BORO WD-RULON	28JUL60	15.5	-	-	-	7.6	-	75	-	70	0
7-302	HADDONFLD BORO WD-RULON	22AUG66	16.0	-	197	-	7.5	-	-	-	70	0
7-302	HADDONFLD BORO WD-RULON	09JUL80	16.0	223	-	7.0	-	82	-	-	72	0
7-304	HADDONFLD BORO WD-LAKE ST	09JUL80	14.5	201	-	6.6	-	73	-	-	81	8
7-315	NEW JERSEY WC-MAGNOLIA16	22AUG80	16.0	185	-	7.6	-	71	-	-	65	0
7-315	NEW JERSEY WC-MAGNOLIA16	25AUG82	15.5	187	189	7.7	7.7	69	-	0.2	64	0
7-316	NEW JERSEY WC-MAGNOLIA33	22AUG80	15.5	202	-	7.8	-	78	-	-	76	0
7-316	NEW JERSEY WC-MAGNOLIA33	25AUG82	15.0	194	197	7.8	7.6	76	-	0.2	76	0
7-320	MERCH-PENN WCOM-WDBINE 1	19AUG66	13.0	-	126	-	5.9	-	-	-	29	20
7-320	MERCH-PENN WCOM-WDBINE 1	27OCT82	13.0	128	80	5.3	5.5	4	-	8.2	31	27
7-322	NEW JERSEY WC-OAKLYN OBS	22AUG80	15.5	221	-	6.8	-	100	-	-	87	0
7-323	STEVENS AND STEVENS 1	01JUL80	17.0	413	-	4.5	-	0	-	-	92	92
7-323	STEVENS AND STEVENS 1	21DEC82	17.5	370	359	4.3	4.7	0	-	0.5	81	81
7-326	MERCH-PENN WCOM-BROWN 1	19AUG66	13.5	-	48	-	6.1	-	-	-	13	3
7-329	MERCH-PENN WCOM-BROWN 2A	19AUG66	13.5	-	55	-	7.1	-	-	-	13	4
7-329	MERCH-PENN WCOM-BROWN 2A	10JUL80	14.0	116	-	4.8	-	3	-	-	20	17
7-329	MERCH-PENN WCOM-BROWN 2A	27OCT82	14.0	113	70	4.9	5.4	2	-	4.6	22	20
7-332	MERCH-PENN WCOM-MARION 2	19AUG66	13.5	-	53	-	5.9	-	-	-	15	7
7-335	MERCH-PENN WCOM-MARION 1	31AUG66	12.0	-	81	-	5.5	-	-	-	22	18
7-335	MERCH-PENN WCOM-MARION 1	10JUL80	13.5	92	-	5.6	-	6	-	-	23	17
7-335	MERCH-PENN WCOM-MARION 1	21DEC82	13.0	65	96	4.5	5.5	0	-	6.4	23	23
7-338	USGS-PETTY ISLAND 2 EAST	21OCT66	14.5	-	606	-	-	-	-	-	-	-
7-339	PREDCO PREC PANELS	05SEP80	16.0	271	-	7.0	-	110	-	-	74	0
7-340	MERCH-PENN WCOM-DEL GN 1	28NOV49	13.0	-	138	-	6.3	-	8	-	43	35
7-340	MERCH-PENN WCOM-DEL GN 1	07AUG57	12.5	-	94	-	7.2	-	9	-	34	25
7-340	MERCH-PENN WCOM-DEL GN 1	31AUG66	13.5	-	163	-	6.1	-	-	-	51	17
7-341	MERCH-PENN WCOM-DEL GN 2	10JUL80	14.5	270	-	6.5	-	104	-	-	88	0
7-350	MERCH-PENN WCOM-PARK 2	20SEP66	-	-	66	-	6.0	-	-	-	16	7
7-350	MERCH-PENN WCOM-PARK 2	10JUL80	13.5	158	-	5.3	-	6	-	-	31	25
7-350	MERCH-PENN WCOM-PARK 2	27OCT82	13.5	139	109	5.3	5.4	5	-	2.2	27	22
7-354	PETTY ISLAND OBS	19NOV80	14.5	542	541	6.9	6.8	299	-	-	130	0
7-359	CAMDEN CITY WD-PUCHACK 5	21NOV32	-	-	-	-	-	-	15	-	32	18
7-359	CAMDEN CITY WD-PUCHACK 5	28NOV49	-	-	99	-	5.0	-	3	-	25	22
7-359	CAMDEN CITY WD-PUCHACK 5	07AUG57	13.0	-	147	-	6.7	-	3	-	46	43
7-359	CAMDEN CITY WD-PUCHACK 5	29OCT62	12.0	107	107	-	-	-	-	-	-	-
7-359	CAMDEN CITY WD-PUCHACK 5	14AUG63	12.5	-	144	-	5.4	-	7	-	42	35
7-359	CAMDEN CITY WD-PUCHACK 5	08MAY64	13.0	-	91	-	5.5	-	5	-	26	21
7-359	CAMDEN CITY WD-PUCHACK 5	11JUN69	13.0	-	153	-	7.1	-	-	-	42	34
7-361	CAMDEN CITY WD-PUCHACK 4	26JUN33	-	-	-	-	-	-	3	-	18	15
7-361	CAMDEN CITY WD-PUCHACK 4	14AUG33	-	-	-	-	-	-	3	-	15	12
7-361	CAMDEN CITY WD-PUCHACK 4	07NOV49	-	-	70	-	5.3	-	3	-	18	15
7-361	CAMDEN CITY WD-PUCHACK 4	03JUL53	-	-	80	-	5.8	-	3	-	20	17
7-361	CAMDEN CITY WD-PUCHACK 4	07AUG57	13.0	-	85	-	6.3	-	2	-	23	21
7-361	CAMDEN CITY WD-PUCHACK 4	29OCT62	12.5	-	108	-	-	-	-	-	-	-
7-361	CAMDEN CITY WD-PUCHACK 4	14AUG63	13.0	-	95	-	5.2	-	3	-	25	22
7-361	CAMDEN CITY WD-PUCHACK 4	08MAY64	13.0	-	111	-	5.4	-	4	-	33	29
7-361	CAMDEN CITY WD-PUCHACK 4	30AUG66	12.0	-	95	-	5.4	-	-	-	29	25
7-361	CAMDEN CITY WD-PUCHACK 4	11JUN69	13.0	-	86	-	6.6	-	-	-	23	19
7-363	CAMDEN CITY WD-PUCHACK 2	21NOV32	-	-	-	-	-	-	2	-	22	20
7-363	CAMDEN CITY WD-PUCHACK 2	07NOV49	-	-	165	-	5.4	-	8	-	48	40
7-363	CAMDEN CITY WD-PUCHACK 2	07AUG57	14.5	-	183	-	5.7	-	18	-	55	37
7-363	CAMDEN CITY WD-PUCHACK 2	29OCT62	13.5	-	205	-	-	-	-	-	-	-
7-363	CAMDEN CITY WD-PUCHACK 2	08MAY64	14.0	-	172	-	6.0	-	21	-	55	34
7-363	CAMDEN CITY WD-PUCHACK 2	15SEP82	14.5	337	351	5.9	6.1	53	-	2.8	89	36
7-366	CAMDEN CITY WD-PUCHACK 1	21NOV32	-	-	-	-	-	-	5	-	28	23
7-366	CAMDEN CITY WD-PUCHACK 1	01MAY33	-	-	-	-	-	-	13	-	38	25
7-366	CAMDEN CITY WD-PUCHACK 1	26JUN33	-	-	-	-	-	-	7	-	30	23
7-366	CAMDEN CITY WD-PUCHACK 1	14AUG33	-	-	-	-	-	-	3	-	26	23

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Diss. Sodium	Diss. Potassium	Diss. Calcium	Diss. Magnesium	Diss. Silica	Diss. Chloride	Diss. Sulfate	Diss. Fluoride
7-279	NEW JERSEY WC-HADDON 30	25AUG82	4.9	7.7	27	5.6	8.9	1.1	25	0.3
7-283	NEW JERSEY WC-EGBERT OBS	08SEP77	14	7.4	14	3.1	8.5	4.4	14	0.2
7-285	NEW JERSEY WC-EGBERT 18	03AUG60	-	-	-	-	-	1.5	23	-
7-285	NEW JERSEY WC-EGBERT 18	21AUG67	11	8.3	17	3.8	7.6	4.0	20	0.2
7-289	HADDON TWP WD 2	23AUG66	7.1	7.8	22	5.4	9.5	3.8	28	0.0
7-290	HADDON TWP WD 1	01AUG60	-	-	-	-	-	2.4	26	-
7-290	HADDON TWP WD 1	23AUG66	7.2	7.4	22	5.0	9.1	3.8	29	0.0
7-290	HADDON TWP WD 1	03JUL80	3.7	6.6	21	4.4	9.0	2.3	29	-
7-293	HADDON TWP HIGH SCH 1	03JUL80	2.5	5.0	20	3.8	8.8	2.3	11	-
7-293	HADDON TWP HIGH SCH 1	15OCT82	2.8	4.8	22	4.4	9.6	3.5	10	0.1
7-299	HADDONFLD BORO WD-LAYN 2	22AUG66	4.6	7.8	26	5.8	8.4	1.7	30	0.0
7-299	HADDONFLD BORO WD-LAYN 2	09JUL80	3.9	7.5	27	5.5	8.5	1.0	29	-
7-302	HADDONFLD BORO WD-RULON	28JUL60	-	-	-	-	-	3.8	20	-
7-302	HADDONFLD BORO WD-RULON	22AUG66	8.8	8.4	20	4.8	9.1	4.0	21	0.1
7-302	HADDONFLD BORO WD-RULON	09JUL80	9.0	8.0	21	4.5	9.3	3.6	22	-
7-304	HADDONFLD BORO WD-LAKE ST	09JUL80	2.5	6.5	24	4.9	8.4	1.2	29	-
7-315	NEW JERSEY WC-MAGNOLIA16	22AUG80	8.8	7.8	19	4.0	8.6	2.9	21	-
7-315	NEW JERSEY WC-MAGNOLIA16	25AUG82	7.9	7.4	19	3.9	8.6	2.5	19	0.4
7-316	NEW JERSEY WC-MAGNOLIA33	22AUG80	6.9	7.4	22	4.8	8.6	1.3	21	-
7-316	NEW JERSEY WC-MAGNOLIA33	25AUG82	6.9	7.2	22	5.1	9.0	1.4	19	0.3
7-320	MERCH-PENN WCOM-WDBINE 1	19AUG66	12	2.1	6.5	3.2	11	18	7.8	0.0
7-320	MERCH-PENN WCOM-WDBINE 1	27OCT82	7.8	2.1	7.0	3.2	11	12	19	<0.1
7-322	NEW JERSEY WC-OAKLYN OBS	22AUG80	2.5	4.6	26	5.3	20	5.4	6.8	-
7-323	STEVENS AND STEVENS 1	01JUL80	39	5.9	21	9.6	7.9	52	68	-
7-323	STEVENS AND STEVENS 1	21DEC82	30	6.0	17	9.4	6.3	44	71	<0.1
7-326	MERCH-PENN WCOM-BROWN 1	19AUG66	4.5	1.1	3.0	1.4	12	7.0	4.0	0.0
7-329	MERCH-PENN WCOM-BROWN 2A	19AUG66	4.5	1.1	3.0	1.4	15	11	0.6	0.0
7-329	MERCH-PENN WCOM-BROWN 2A	10JUL80	7.6	1.8	4.4	2.1	15	12	8.3	-
7-329	MERCH-PENN WCOM-BROWN 2A	27OCT82	7.8	1.9	4.8	2.4	15	12	13	<0.1
7-332	MERCH-PENN WCOM-MARION 2	19AUG66	3.5	1.6	3.5	1.4	13	6.4	2.6	0.0
7-335	MERCH-PENN WCOM-MARION 1	31AUG66	5.1	2.0	5.0	2.2	12	10	7.4	0.1
7-335	MERCH-PENN WCOM-MARION 1	10JUL80	4.6	1.9	4.9	2.5	12	9.2	7.5	-
7-335	MERCH-PENN WCOM-MARION 1	21DEC82	4.9	1.9	5.1	2.6	11	9.0	13	<0.1
7-338	USGS-PETTY ISLAND 2 EAST	21OCT66	-	-	-	-	-	14	-	-
7-339	PREDCO PREC PANELS	05SEP80	11	2.1	17	7.6	4.2	14	2.3	-
7-340	MERCH-PENN WCOM-DEL GN 1	28NOV49	6.4	2.2	10	4.3	9.0	8.0	24	0.0
7-340	MERCH-PENN WCOM-DEL GN 1	07AUG57	4.7	2.2	8.1	3.4	9.9	7.0	20	0.1
7-340	MERCH-PENN WCOM-DEL GN 1	31AUG66	11	2.8	12	5.2	5.5	15	20	0.1
7-341	MERCH-PENN WCOM-DEL GN 2	10JUL80	9.7	2.8	22	7.9	5.1	14	8.4	-
7-350	MERCH-PENN WCOM-PARK 2	20SEP66	7.0	0.6	4.2	1.4	13	5.5	6.6	0.0
7-350	MERCH-PENN WCOM-PARK 2	10JUL80	12	2.1	7.6	2.9	13	23	10	-
7-350	MERCH-PENN WCOM-PARK 2	27OCT82	12	1.9	6.4	2.7	13	21	13	<0.1
7-354	PETTY ISLAND OBS	19NOV80	12	5.6	32	13	21	16	0.8	-
7-359	CAMDEN CITY WD-PUCHACK 5	21NOV32	-	-	8.0	-	-	9.0	4.0	-
7-359	CAMDEN CITY WD-PUCHACK 5	28NOV49	5.2	1.8	5.5	2.8	8.7	11	6.4	0.0
7-359	CAMDEN CITY WD-PUCHACK 5	07AUG57	5.9	2.3	10	5.0	11	8.9	37	0.1
7-359	CAMDEN CITY WD-PUCHACK 5	29OCT62	-	-	-	-	-	-	32	-
7-359	CAMDEN CITY WD-PUCHACK 5	14AUG63	7.4	1.7	9.6	4.4	8.8	9.6	32	0.1
7-359	CAMDEN CITY WD-PUCHACK 5	08MAY64	4.2	0.5	6.0	2.7	7.9	7.5	16	0.0
7-359	CAMDEN CITY WD-PUCHACK 5	11JUN69	9.0	2.3	9.2	4.7	7.4	14	31	0.2
7-361	CAMDEN CITY WD-PUCHACK 4	26JUN33	3.7	0.4	4.1	1.9	9.0	6.0	3.0	-
7-361	CAMDEN CITY WD-PUCHACK 4	14AUG33	4.0	0.6	3.4	1.7	8.0	4.0	3.7	-
7-361	CAMDEN CITY WD-PUCHACK 4	07NOV49	3.9	1.2	4.0	1.9	8.7	6.1	4.9	0.0
7-361	CAMDEN CITY WD-PUCHACK 4	03JUL53	3.5	2.1	5.2	1.8	7.9	7.2	10	0.0
7-361	CAMDEN CITY WD-PUCHACK 4	07AUG57	4.4	1.8	5.5	2.2	10	7.0	10	0.1
7-361	CAMDEN CITY WD-PUCHACK 4	29OCT62	-	-	-	-	-	-	13	-
7-361	CAMDEN CITY WD-PUCHACK 4	14AUG63	4.3	1.2	6.4	2.2	8.8	7.3	13	0.0
7-361	CAMDEN CITY WD-PUCHACK 4	08MAY64	5.0	0.6	7.6	3.4	13	8.2	16	0.1
7-361	CAMDEN CITY WD-PUCHACK 4	30AUG66	3.2	1.4	6.5	3.0	8.4	7.6	15	0.0
7-361	CAMDEN CITY WD-PUCHACK 4	11JUN69	4.0	0.2	5.3	2.3	7.7	6.8	13	0.1
7-363	CAMDEN CITY WD-PUCHACK 2	21NOV32	-	-	5.0	-	-	6.0	2.0	-
7-363	CAMDEN CITY WD-PUCHACK 2	07NOV49	8.7	2.3	10	5.5	8.1	11	26	0.1
7-363	CAMDEN CITY WD-PUCHACK 2	07AUG57	10	3.0	11	6.7	7.9	11	36	0.1
7-363	CAMDEN CITY WD-PUCHACK 2	29OCT62	-	-	-	-	-	-	25	-
7-363	CAMDEN CITY WD-PUCHACK 2	08MAY64	8.6	2.5	11	6.8	5.2	10	29	0.1
7-363	CAMDEN CITY WD-PUCHACK 2	15SEP82	25	4.4	19	10	5.5	40	36	0.2
7-366	CAMDEN CITY WD-PUCHACK 1	21NOV32	6.8	1.6	6.4	3.0	7.3	12	10	-
7-366	CAMDEN CITY WD-PUCHACK 1	01MAY33	5.3	1.4	8.8	4.0	6.5	10	12	-
7-366	CAMDEN CITY WD-PUCHACK 1	26JUN33	7.5	0.3	6.6	3.2	9.4	11	9.5	-
7-366	CAMDEN CITY WD-PUCHACK 1	14AUG33	6.7	1.7	5.6	2.8	6.7	11	8.9	-

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Total Iron (ug/L)	Diss. Iron (ug/L)	Total Manganese (ug/L)	Diss. Manganese (ug/L)	Diss. Organic Carbon	Dissolved Solids Residue at 180°C	Dissolved Solids Sum of Constituents
7-279	NEW JERSEY WC-HADDON 30	25AUG82	-	740	-	26	1.6	132	131
7-283	NEW JERSEY WC-EGBERT OBS	08SEP77	1600	1000	40	40	6.3	113	103
7-285	NEW JERSEY WC-EGBERT 18	03AUG60	920	-	-	-	-	134	-
7-285	NEW JERSEY WC-EGBERT 18	21AUG67	970	-	0	-	-	120	113
7-289	HADDON TWP WD 2	23AUG66	4200	-	60	-	-	129	127
7-290	HADDON TWP WD 1	01AUG60	6100	-	-	-	-	119	-
7-290	HADDON TWP WD 1	23AUG66	210	-	100	-	-	125	126
7-290	HADDON TWP WD 1	03JUL80	-	4500	-	61	0.0	120	126
7-293	HADDON TWP HIGH SCH 1	03JUL80	-	2700	-	37	1.0	95	102
7-293	HADDON TWP HIGH SCH 1	15OCT82	-	3000	-	39	1.4	99	107
7-299	HADDONFLD BORO WD-LAYN 2	22AUG66	1400	-	60	-	-	137	132
7-299	HADDONFLD BORO WD-LAYN 2	09JUL80	-	1500	-	36	0.1	129	136
7-302	HADDONFLD BORO WD-RULON	28JUL60	1300	-	-	-	-	-	-
7-302	HADDONFLD BORO WD-RULON	22AUG66	1300	-	50	-	-	120	121
7-302	HADDONFLD BORO WD-RULON	09JUL80	-	1500	-	50	3.6	114	130
7-304	HADDONFLD BORO WD-LAKE ST	09JUL80	-	3900	-	68	0.6	109	126
7-315	NEW JERSEY WC-MAGNOLIA16	22AUG80	-	400	-	29	1.2	107	116
7-315	NEW JERSEY WC-MAGNOLIA16	25AUG82	-	420	-	28	1.0	105	111
7-316	NEW JERSEY WC-MAGNOLIA33	22AUG80	-	230	-	13	0.5	115	120
7-316	NEW JERSEY WC-MAGNOLIA33	25AUG82	-	230	-	10	0.6	109	117
7-320	MERCH-PENN WCOM-WDBINE 1	19AUG66	80	-	20	-	-	86	88
7-320	MERCH-PENN WCOM-WDBINE 1	27OCT82	-	3	-	12	0.3	80	65
7-322	NEW JERSEY WC-OAKLYN OBS	22AUG80	-	9100	-	71	0.7	122	142
7-323	STEVENS AND STEVENS 1	01JUL80	-	170	-	370	2.4	243	226
7-323	STEVENS AND STEVENS 1	21DEC82	-	70	-	410	1.3	227	185
7-326	MERCH-PENN WCOM-BROWN 1	19AUG66	2000	-	60	-	-	39	40
7-329	MERCH-PENN WCOM-BROWN 2A	19AUG66	1600	-	70	-	-	48	44
7-329	MERCH-PENN WCOM-BROWN 2A	10JUL80	-	120	-	92	4.2	81	68
7-329	MERCH-PENN WCOM-BROWN 2A	27OCT82	-	120	-	100	0.6	56	58
7-332	MERCH-PENN WCOM-MARION 2	19AUG66	160	-	30	-	-	48	43
7-335	MERCH-PENN WCOM-MARION 1	31AUG66	160	-	100	-	-	62	56
7-335	MERCH-PENN WCOM-MARION 1	10JUL80	-	25	-	28	5.1	57	59
7-335	MERCH-PENN WCOM-MARION 1	21DEC82	-	<3	-	28	0.8	64	48
7-338	USGS-PETTY ISLAND 2 EAST	21OCT66	30000	-	-	-	-	-	-
7-339	PREDCO PREC PANELS	05SEP80	-	2600	-	4400	0.9	116	132
7-340	MERCH-PENN WCOM-DEL GN 1	28NOV49	10	-	0	-	-	92	88
7-340	MERCH-PENN WCOM-DEL GN 1	07AUG57	50	-	150	-	-	78	71
7-340	MERCH-PENN WCOM-DEL GN 1	31AUG66	160	-	100	-	-	96	93
7-341	MERCH-PENN WCOM-DEL GN 2	10JUL80	-	350	-	1200	1.6	126	134
7-350	MERCH-PENN WCOM-PARK 2	20SEP66	600	-	80	-	-	67	51
7-350	MERCH-PENN WCOM-PARK 2	10JUL80	-	19	-	100	3.2	102	88
7-350	MERCH-PENN WCOM-PARK 2	27OCT82	-	24	-	91	0.5	84	73
7-354	PETTY ISLAND OBS	19NOV80	-	25000	-	660	6.6	244	307
7-359	CAMDEN CITY WD-PUCHACK 5	21NOV32	350	-	520	-	-	-	-
7-359	CAMDEN CITY WD-PUCHACK 5	28NOV49	10	-	0	-	-	62	60
7-359	CAMDEN CITY WD-PUCHACK 5	07AUG57	200	-	40	-	-	104	93
7-359	CAMDEN CITY WD-PUCHACK 5	29OCT62	-	-	-	-	-	-	-
7-359	CAMDEN CITY WD-PUCHACK 5	14AUG63	-	-	170	-	-	98	84
7-359	CAMDEN CITY WD-PUCHACK 5	08MAY64	140	-	30	-	-	60	55
7-359	CAMDEN CITY WD-PUCHACK 5	11JUN69	50	-	100	-	-	90	91
7-361	CAMDEN CITY WD-PUCHACK 4	26JUN33	360	-	0	-	-	52	46
7-361	CAMDEN CITY WD-PUCHACK 4	14AUG33	170	-	0	-	-	46	43
7-361	CAMDEN CITY WD-PUCHACK 4	07NOV49	10	-	10	-	-	49	46
7-361	CAMDEN CITY WD-PUCHACK 4	03JUL53	0	-	410	-	-	62	52
7-361	CAMDEN CITY WD-PUCHACK 4	07AUG57	70	-	30	-	-	61	56
7-361	CAMDEN CITY WD-PUCHACK 4	29OCT62	-	-	-	-	-	-	-
7-361	CAMDEN CITY WD-PUCHACK 4	14AUG63	-	-	20	-	-	64	57
7-361	CAMDEN CITY WD-PUCHACK 4	08MAY64	190	-	20	-	-	73	70
7-361	CAMDEN CITY WD-PUCHACK 4	30AUG66	0	-	0	-	-	63	58
7-361	CAMDEN CITY WD-PUCHACK 4	11JUN69	120	-	50	-	-	60	51
7-363	CAMDEN CITY WD-PUCHACK 2	21NOV32	240	-	0	-	-	-	-
7-363	CAMDEN CITY WD-PUCHACK 2	07NOV49	10	-	20	-	-	99	99
7-363	CAMDEN CITY WD-PUCHACK 2	07AUG57	60	-	190	-	-	115	111
7-363	CAMDEN CITY WD-PUCHACK 2	29OCT62	-	-	0	-	-	-	-
7-363	CAMDEN CITY WD-PUCHACK 2	08MAY64	30	-	330	-	-	113	98
7-363	CAMDEN CITY WD-PUCHACK 2	15SEP82	-	13	-	1100	1.7	211	173
7-366	CAMDEN CITY WD-PUCHACK 1	21NOV32	660	-	-	-	-	71	66
7-366	CAMDEN CITY WD-PUCHACK 1	01MAY33	-	-	-	-	-	70	68
7-366	CAMDEN CITY WD-PUCHACK 1	26JUN33	50	-	-	-	-	74	70
7-366	CAMDEN CITY WD-PUCHACK 1	14AUG33	820	-	-	-	-	69	67

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Temperature (°C)	Specific Conductance (micromhos) Field	Specific Conductance (micromhos) Lab	pH (Units) Field	pH (Units) Lab	Alkalinity (As CaCO3) Field	Alkalinity (As CaCO3) Lab	Dissolved Oxygen	Hardness (As CaCO3) Total	Hardness (As CaCO3) Noncarbonate
7-366	CAMDEN CITY WD-PUCHACK 1	21NOV33	-	-	-	-	-	-	6	-	32	26
7-366	CAMDEN CITY WD-PUCHACK 1	06FEB34	-	-	-	-	-	-	5	-	32	27
7-366	CAMDEN CITY WD-PUCHACK 1	07NOV49	-	-	199	-	5.4	-	11	-	60	49
7-366	CAMDEN CITY WD-PUCHACK 1	03JUL53	-	-	198	-	6.5	-	32	-	67	35
7-366	CAMDEN CITY WD-PUCHACK 1	07AUG57	13.5	-	212	-	7.9	-	54	-	79	25
7-366	CAMDEN CITY WD-PUCHACK 1	02OCT62	15.0	-	181	-	6.3	-	44	-	65	21
7-366	CAMDEN CITY WD-PUCHACK 1	12APR63	14.0	-	185	-	6.1	-	44	-	58	14
7-366	CAMDEN CITY WD-PUCHACK 1	08MAY64	14.5	-	188	-	6.4	-	40	-	65	25
7-366	CAMDEN CITY WD-PUCHACK 1	09JUL65	-	-	198	-	-	-	-	-	-	-
7-366	CAMDEN CITY WD-PUCHACK 1	30AUG66	-	-	235	-	6.5	-	-	-	81	38
7-366	CAMDEN CITY WD-PUCHACK 1	11JUN69	17.0	-	245	-	7.6	-	-	-	68	32
7-366	CAMDEN CITY WD-PUCHACK 1	13JUL82	14.0	280	285	6.4	6.8	68	-	0.2	82	14
7-367	CAMDEN CITY WD-PUCHACK 3	21NOV32	-	-	-	-	-	-	19	-	39	20
7-367	CAMDEN CITY WD-PUCHACK 3	07NOV49	-	-	121	-	5.0	-	3	-	33	30
7-367	CAMDEN CITY WD-PUCHACK 3	07AUG57	13.5	-	149	-	6.4	-	5	-	42	37
7-367	CAMDEN CITY WD-PUCHACK 3	29OCT62	13.0	-	131	-	-	-	-	-	-	-
7-367	CAMDEN CITY WD-PUCHACK 3	14AUG63	13.0	-	139	-	5.7	-	10	-	39	29
7-367	CAMDEN CITY WD-PUCHACK 3	08MAY64	13.5	-	123	-	5.7	-	7	-	36	29
7-367	CAMDEN CITY WD-PUCHACK 3	21JUL80	16.0	240	-	6.3	-	32	-	-	59	27
7-368	CAMDEN CITY WD-DELAIR 1	21NOV32	-	-	-	-	-	-	50	-	66	16
7-368	CAMDEN CITY WD-DELAIR 1	03JUL53	-	-	403	-	6.9	-	85	-	150	70
7-368	CAMDEN CITY WD-DELAIR 1	07AUG57	14.0	-	211	-	6.5	-	71	-	80	9
7-368	CAMDEN CITY WD-DELAIR 1	31AUG61	15.0	-	215	-	6.8	-	67	-	82	15
7-368	CAMDEN CITY WD-DELAIR 1	01OCT62	15.0	-	234	-	6.5	-	66	-	85	19
7-368	CAMDEN CITY WD-DELAIR 1	12APR63	14.0	-	254	-	6.2	-	66	-	81	15
7-368	CAMDEN CITY WD-DELAIR 1	22JUL80	15.5	278	-	6.2	-	78	-	-	73	0
7-368	CAMDEN CITY WD-DELAIR 1	15SEP82	15.0	280	269	6.8	6.7	70	-	0.6	74	4
7-368	CAMDEN CITY WD-DELAIR 1	03JAN83	15.0	275	249	6.9	6.9	80	-	0.1	71	0
7-369	CAMDEN CITY WD-DELAIR 2	21NOV32	-	-	-	-	-	-	49	-	56	7
7-369	CAMDEN CITY WD-DELAIR 2	07AUG57	14.5	-	267	-	8.2	-	119	-	110	0
7-369	CAMDEN CITY WD-DELAIR 2	30AUG66	15.0	-	228	-	6.5	-	-	-	49	12
7-369	CAMDEN CITY WD-DELAIR 2	15SEP82	15.0	294	267	6.9	6.8	82	-	0.3	61	0
7-369	CAMDEN CITY WD-DELAIR 2	03JAN83	14.5	270	235	7.2	6.5	84	-	0.1	58	0
7-370	CAMDEN CITY WD-DELAIR 3	03JUL53	-	-	218	-	6.9	-	84	-	82	0
7-370	CAMDEN CITY WD-DELAIR 3	07AUG57	14.0	-	267	-	8.2	-	115	-	120	2
7-370	CAMDEN CITY WD-DELAIR 3	30AUG66	14.0	-	279	-	6.4	-	-	-	88	39
7-370	CAMDEN CITY WD-DELAIR 3	15SEP82	15.0	214	200	6.9	6.9	47	-	0.3	55	8
7-370	CAMDEN CITY WD-DELAIR 3	03JAN83	14.5	227	204	7.2	6.6	62	-	0.0	59	0
7-372	MERCH-PENN WCOM-NAT HY 1	10JUL80	13.5	101	-	4.8	-	3	-	-	22	19
7-372	MERCH-PENN WCOM-NAT HY 1	21DEC82	13.5	114	106	4.5	5.1	0	-	3.8	26	26
7-373	CAMDEN CITY WD-MORRIS 6	21NOV32	-	-	-	-	-	-	26	-	44	18
7-373	CAMDEN CITY WD-MORRIS 6	07NOV49	-	-	182	-	6.4	-	51	-	73	22
7-373	CAMDEN CITY WD-MORRIS 6	07AUG57	13.5	-	184	-	7.1	-	56	-	72	16
7-373	CAMDEN CITY WD-MORRIS 6	31AUG61	14.5	-	204	-	6.6	-	59	-	74	15
7-373	CAMDEN CITY WD-MORRIS 6	24APR62	14.5	-	190	-	6.4	-	58	-	72	14
7-373	CAMDEN CITY WD-MORRIS 6	01OCT62	14.5	-	204	-	6.4	-	57	-	73	16
7-373	CAMDEN CITY WD-MORRIS 6	12APR63	14.0	-	213	-	6.4	-	55	-	62	7
7-373	CAMDEN CITY WD-MORRIS 6	09JUL65	-	-	233	-	-	-	-	-	-	-
7-373	CAMDEN CITY WD-MORRIS 6	22JUL80	14.5	268	-	5.9	-	66	-	-	69	3
7-374	CAMDEN CITY WD-MORRIS 9	28NOV49	-	-	205	-	6.2	-	71	-	76	5
7-374	CAMDEN CITY WD-MORRIS 9	03JUL53	-	-	219	-	6.8	-	90	-	84	0
7-375	CAMDEN CITY WD-MORRIS 8	28NOV49	-	-	205	-	6.2	-	71	-	76	5
7-375	CAMDEN CITY WD-MORRIS 8	03JUL53	-	-	219	-	6.8	-	90	-	84	0
7-375	CAMDEN CITY WD-MORRIS 8	07AUG57	20.5	-	227	-	6.5	-	96	-	93	0
7-375	CAMDEN CITY WD-MORRIS 8	13AUG63	15.5	-	298	-	6.5	-	100	-	100	2
7-375	CAMDEN CITY WD-MORRIS 8	30AUG66	13.0	-	211	-	6.3	-	-	-	69	36
7-377	CAMDEN CITY WD-MORRIS 7	21NOV32	-	-	-	-	-	-	75	-	82	7
7-377	CAMDEN CITY WD-MORRIS 7	26JUN33	-	-	-	-	-	-	87	-	77	0
7-377	CAMDEN CITY WD-MORRIS 7	14AUG33	-	-	-	-	-	-	87	-	77	0
7-377	CAMDEN CITY WD-MORRIS 7	06FEB34	-	-	-	-	-	-	86	-	72	0
7-377	CAMDEN CITY WD-MORRIS 7	03JUL53	-	-	251	-	6.7	-	114	-	99	0
7-379	CAMDEN CITY WD-MORRIS 10	29AUG61	13.5	-	226	-	6.6	-	92	-	91	0
7-379	CAMDEN CITY WD-MORRIS 10	24APR62	14.5	-	167	-	5.5	-	11	-	56	45
7-379	CAMDEN CITY WD-MORRIS 10	01OCT62	12.5	-	188	-	5.6	-	12	-	67	55
7-379	CAMDEN CITY WD-MORRIS 10	12APR63	12.0	-	215	-	5.8	-	21	-	68	47
7-379	CAMDEN CITY WD-MORRIS 10	09JUL65	-	-	224	-	-	-	-	-	-	-
7-379	CAMDEN CITY WD-MORRIS 10	21DEC70	13.0	-	381	-	7.2	-	-	-	160	24
7-379	CAMDEN CITY WD-MORRIS 10	21JUL80	14.5	456	-	6.6	-	140	-	-	83	0
7-382	CAMDEN CITY WD-MORRIS 4A	29AUG61	13.5	-	176	-	6.2	-	56	-	70	14
7-382	CAMDEN CITY WD-MORRIS 4A	24APR62	14.5	-	187	-	6.0	-	59	-	77	18

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Diss. Sodium	Diss. Potassium	Diss. Calcium	Diss. Magnesium	Diss. Silica	Diss. Chloride	Diss. Sulfate	Diss. Fluoride
7-366	CAMDEN CITY WD-PUCHACK 1	21NOV33	9.2	1.9	6.8	3.7	7.6	15	13	-
7-366	CAMDEN CITY WD-PUCHACK 1	06FEB34	8.8	1.8	7.0	3.6	6.7	14	13	-
7-366	CAMDEN CITY WD-PUCHACK 1	07NOV49	11	2.6	12	7.2	5.6	10	51	0.1
7-366	CAMDEN CITY WD-PUCHACK 1	03JUL53	10	3.0	14	7.8	4.0	10	40	0.0
7-366	CAMDEN CITY WD-PUCHACK 1	07AUG57	9.9	3.0	17	8.9	5.4	11	29	0.1
7-366	CAMDEN CITY WD-PUCHACK 1	02OCT62	8.7	2.2	13	7.8	4.6	9.2	24	0.0
7-366	CAMDEN CITY WD-PUCHACK 1	12APR63	9.4	1.5	13	6.1	3.9	8.0	18	0.0
7-366	CAMDEN CITY WD-PUCHACK 1	08MAY64	8.7	2.0	14	7.3	4.1	9.8	26	0.2
7-366	CAMDEN CITY WD-PUCHACK 1	09JUL65	-	-	-	-	-	12	24	-
7-366	CAMDEN CITY WD-PUCHACK 1	30AUG66	12	2.0	16	10	3.8	23	35	0.2
7-366	CAMDEN CITY WD-PUCHACK 1	11JUN69	18	2.2	16	6.9	4.1	27	36	0.2
7-366	CAMDEN CITY WD-PUCHACK 1	13JUL82	19	2.7	19	8.3	5.4	23	27	0.3
7-367	CAMDEN CITY WD-PUCHACK 3	21NOV32	-	-	9.0	-	-	8.0	9.0	-
7-367	CAMDEN CITY WD-PUCHACK 3	07NOV49	6.2	1.8	7.4	3.5	8.5	9.9	19	0.1
7-367	CAMDEN CITY WD-PUCHACK 3	07AUG57	8.4	2.4	9.1	4.7	9.6	11	31	0.1
7-367	CAMDEN CITY WD-PUCHACK 3	29OCT62	-	-	-	-	-	-	23	-
7-367	CAMDEN CITY WD-PUCHACK 3	14AUG63	7.4	2.0	7.6	4.9	7.2	9.7	27	0.1
7-367	CAMDEN CITY WD-PUCHACK 3	08MAY64	6.8	2.0	7.2	4.4	7.0	9.5	21	0.1
7-367	CAMDEN CITY WD-PUCHACK 3	21JUL80	15	3.1	13	6.4	6.5	23	28	-
7-368	CAMDEN CITY WD-DELAIR 1	21NOV32	12	2.0	14	7.6	5.6	7.0	27	-
7-368	CAMDEN CITY WD-DELAIR 1	03JUL53	14	3.4	34	17	5.2	12	101	0.0
7-368	CAMDEN CITY WD-DELAIR 1	07AUG57	10	2.3	19	7.9	5.0	12	13	0.4
7-368	CAMDEN CITY WD-DELAIR 1	31AUG61	9.0	1.8	18	9.0	5.1	14	18	0.6
7-368	CAMDEN CITY WD-DELAIR 1	01OCT62	9.8	2.1	18	9.7	7.3	11	29	0.2
7-368	CAMDEN CITY WD-DELAIR 1	12APR63	12	1.7	18	8.8	6.7	10	30	0.2
7-368	CAMDEN CITY WD-DELAIR 1	22JUL80	15	2.5	18	6.7	6.3	21	26	-
7-368	CAMDEN CITY WD-DELAIR 1	15SEP82	16	2.2	19	6.4	6.6	23	31	0.3
7-368	CAMDEN CITY WD-DELAIR 1	03JAN83	16	2.2	18	6.3	6.3	19	28	0.3
7-369	CAMDEN CITY WD-DELAIR 2	21NOV32	6.2	1.3	13	5.8	5.3	8.0	14	-
7-369	CAMDEN CITY WD-DELAIR 2	07AUG57	11	2.6	21	15	11	10	1.0	0.9
7-369	CAMDEN CITY WD-DELAIR 2	30AUG66	20	2.4	12	4.6	6.7	22	36	0.0
7-369	CAMDEN CITY WD-DELAIR 2	15SEP82	18	2.8	16	5.2	8.7	30	16	0.4
7-369	CAMDEN CITY WD-DELAIR 2	03JAN83	17	2.7	15	4.9	8.0	23	18	0.3
7-370	CAMDEN CITY WD-DELAIR 3	03JUL53	6.1	2.0	17	9.6	4.7	8.6	18	0.0
7-370	CAMDEN CITY WD-DELAIR 3	07AUG57	11	2.6	22	15	8.4	11	3.1	0.6
7-370	CAMDEN CITY WD-DELAIR 3	30AUG66	17	4.0	17	11	6.5	26	40	0.1
7-370	CAMDEN CITY WD-DELAIR 3	15SEP82	14	1.8	14	4.9	7.3	18	26	0.2
7-370	CAMDEN CITY WD-DELAIR 3	03JAN83	13	2.0	15	5.2	6.8	17	23	0.2
7-372	MERCH-PENN WCOM-NAT HY 1	10JUL80	6.2	1.7	4.8	2.4	8.5	10	11	-
7-372	MERCH-PENN WCOM-NAT HY 1	21DEC82	7.5	1.7	5.5	2.9	8.7	10	14	<0.1
7-373	CAMDEN CITY WD-MORRIS 6	21NOV32	5.0	1.8	10	4.6	3.8	7.0	18	-
7-373	CAMDEN CITY WD-MORRIS 6	07NOV49	6.8	2.1	15	8.7	4.8	7.9	18	0.1
7-373	CAMDEN CITY WD-MORRIS 6	07AUG57	9.0	1.7	14	8.9	5.2	10	15	0.2
7-373	CAMDEN CITY WD-MORRIS 6	31AUG61	10	1.5	16	8.2	4.8	13	23	0.3
7-373	CAMDEN CITY WD-MORRIS 6	24APR62	9.0	2.0	14	8.9	4.1	9.4	22	0.2
7-373	CAMDEN CITY WD-MORRIS 6	01OCT62	8.2	1.7	16	8.0	4.8	8.5	28	0.1
7-373	CAMDEN CITY WD-MORRIS 6	12APR63	8.6	1.2	14	6.6	5.7	8.0	21	0.1
7-373	CAMDEN CITY WD-MORRIS 6	09JUL65	-	-	-	-	-	18	13	-
7-373	CAMDEN CITY WD-MORRIS 6	22JUL80	16	4.9	16	7.0	6.3	23	30	-
7-374	CAMDEN CITY WD-MORRIS 9	28NOV49	5.9	1.9	16	8.7	4.8	6.5	10	0.2
7-374	CAMDEN CITY WD-MORRIS 9	03JUL53	5.2	2.2	17	10	3.9	7.0	12	0.0
7-375	CAMDEN CITY WD-MORRIS 8	28NOV49	5.9	1.9	16	8.7	4.8	6.5	10	0.2
7-375	CAMDEN CITY WD-MORRIS 8	03JUL53	5.2	2.2	17	10	3.9	7.0	12	0.0
7-375	CAMDEN CITY WD-MORRIS 8	07AUG57	5.9	2.1	19	11	5.1	8.0	9.4	0.6
7-375	CAMDEN CITY WD-MORRIS 8	13AUG63	6.4	1.8	21	12	3.9	8.0	21	0.3
7-375	CAMDEN CITY WD-MORRIS 8	30AUG66	10	1.4	16	7.0	5.5	19	31	0.2
7-377	CAMDEN CITY WD-MORRIS 7	21NOV32	5.3	1.3	17	9.7	3.2	8.0	8.3	-
7-377	CAMDEN CITY WD-MORRIS 7	26JUN33	5.9	1.3	16	8.9	4.5	8.0	4.1	-
7-377	CAMDEN CITY WD-MORRIS 7	14AUG33	6.2	1.2	16	9.1	3.7	8.0	5.0	-
7-377	CAMDEN CITY WD-MORRIS 7	06FEB34	6.6	1.3	16	7.8	3.9	7.0	6.7	-
7-377	CAMDEN CITY WD-MORRIS 7	03JUL53	4.8	2.3	20	12	3.8	7.2	5.2	0.1
7-379	CAMDEN CITY WD-MORRIS 10	29AUG61	6.0	2.0	20	10	6.4	8.2	11	0.2
7-379	CAMDEN CITY WD-MORRIS 10	24APR62	6.0	2.2	12	6.4	8.5	8.7	45	0.0
7-379	CAMDEN CITY WD-MORRIS 10	01OCT62	6.5	2.0	13	8.3	10	8.6	56	0.0
7-379	CAMDEN CITY WD-MORRIS 10	12APR63	7.6	1.7	15	7.3	10	7.5	50	0.0
7-379	CAMDEN CITY WD-MORRIS 10	09JUL65	-	-	-	-	-	12	17	-
7-379	CAMDEN CITY WD-MORRIS 10	21DEC70	16	2.6	46	11	6.7	23	30	0.0
7-379	CAMDEN CITY WD-MORRIS 10	21JUL80	27	19	20	7.9	7.5	51	5.3	-
7-382	CAMDEN CITY WD-MORRIS 4A	29AUG61	6.7	0.9	15	7.9	7.1	7.6	21	0.2
7-382	CAMDEN CITY WD-MORRIS 4A	24APR62	5.0	1.8	16	8.9	5.8	7.8	22	0.1

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Total Iron (ug/L)	Diss. Iron (ug/L)	Total Manganese (ug/L)	Diss. Manganese (ug/L)	Diss. Organic Carbon	Dissolved Solids Residue at 180°C	Dissolved Solids Sum of Constituents
7-366	CAMDEN CITY WD-PUCHACK 1	21NOV33	90	-	-	-	-	83	78
7-366	CAMDEN CITY WD-PUCHACK 1	06FEB34	190	-	-	-	-	73	73
7-366	CAMDEN CITY WD-PUCHACK 1	07NOV49	10	-	10	-	-	116	113
7-366	CAMDEN CITY WD-PUCHACK 1	03JUL53	0	-	140	-	-	128	116
7-366	CAMDEN CITY WD-PUCHACK 1	07AUG57	110	-	120	-	-	125	123
7-366	CAMDEN CITY WD-PUCHACK 1	02OCT62	40	-	540	-	-	105	96
7-366	CAMDEN CITY WD-PUCHACK 1	12APR63	880	-	320	-	-	93	91
7-366	CAMDEN CITY WD-PUCHACK 1	08MAY64	180	-	670	-	-	112	102
7-366	CAMDEN CITY WD-PUCHACK 1	09JUL65	-	-	-	-	-	-	-
7-366	CAMDEN CITY WD-PUCHACK 1	30AUG66	0	-	1300	-	-	137	129
7-366	CAMDEN CITY WD-PUCHACK 1	11JUN69	20	-	1900	-	-	137	138
7-366	CAMDEN CITY WD-PUCHACK 1	13JUL82	-	220	-	4300	1.3	185	-
7-367	CAMDEN CITY WD-PUCHACK 3	21NOV32	250	-	650	-	-	-	-
7-367	CAMDEN CITY WD-PUCHACK 3	07NOV49	10	-	0	-	-	73	70
7-367	CAMDEN CITY WD-PUCHACK 3	07AUG57	170	-	50	-	-	100	94
7-367	CAMDEN CITY WD-PUCHACK 3	29OCT62	-	-	0	-	-	-	-
7-367	CAMDEN CITY WD-PUCHACK 3	14AUG63	-	-	140	-	-	92	82
7-367	CAMDEN CITY WD-PUCHACK 3	08MAY64	30	-	140	-	-	81	75
7-367	CAMDEN CITY WD-PUCHACK 3	21JUL80	-	49	-	1500	1.2	147	123
7-368	CAMDEN CITY WD-DELAIR 1	21NOV32	280	-	-	-	-	117	117
7-368	CAMDEN CITY WD-DELAIR 1	03JUL53	-	-	7000	-	-	252	247
7-368	CAMDEN CITY WD-DELAIR 1	07AUG57	7400	-	2500	-	-	117	117
7-368	CAMDEN CITY WD-DELAIR 1	31AUG61	3600	-	4600	-	-	123	121
7-368	CAMDEN CITY WD-DELAIR 1	01OCT62	3200	-	930	-	-	125	127
7-368	CAMDEN CITY WD-DELAIR 1	12APR63	6200	-	3900	-	-	127	132
7-368	CAMDEN CITY WD-DELAIR 1	22JUL80	-	7400	-	3600	1.6	158	154
7-368	CAMDEN CITY WD-DELAIR 1	15SEP82	-	7000	-	3200	1.6	150	157
7-368	CAMDEN CITY WD-DELAIR 1	03JAN83	-	6700	-	3300	-	148	154
7-369	CAMDEN CITY WD-DELAIR 2	21NOV32	740	-	-	-	-	82	85
7-369	CAMDEN CITY WD-DELAIR 2	07AUG57	9400	-	19000	-	-	145	151
7-369	CAMDEN CITY WD-DELAIR 2	30AUG66	9100	-	2400	-	-	130	129
7-369	CAMDEN CITY WD-DELAIR 2	15SEP82	-	12000	-	1800	1.6	137	160
7-369	CAMDEN CITY WD-DELAIR 2	03JAN83	-	10000	-	1700	-	142	151
7-370	CAMDEN CITY WD-DELAIR 3	03JUL53	20	-	8100	-	-	108	125
7-370	CAMDEN CITY WD-DELAIR 3	07AUG57	11000	-	21000	-	-	146	184
7-370	CAMDEN CITY WD-DELAIR 3	30AUG66	100	-	1100	-	-	172	161
7-370	CAMDEN CITY WD-DELAIR 3	15SEP82	-	6900	-	1000	1.4	143	122
7-370	CAMDEN CITY WD-DELAIR 3	03JAN83	-	7000	-	1200	-	120	128
7-372	MERCH-PENN WCOM-NAT HY 1	10JUL80	-	17	-	39	5.6	68	59
7-372	MERCH-PENN WCOM-NAT HY 1	21DEC82	-	<3	-	47	0.7	75	50
7-373	CAMDEN CITY WD-MORRIS 6	21NOV32	390	-	-	-	-	70	69
7-373	CAMDEN CITY WD-MORRIS 6	07NOV49	40	-	0	-	-	99	101
7-373	CAMDEN CITY WD-MORRIS 6	07AUG57	1100	-	5000	-	-	103	104
7-373	CAMDEN CITY WD-MORRIS 6	31AUG61	1500	-	6400	-	-	122	119
7-373	CAMDEN CITY WD-MORRIS 6	24APR62	6800	-	6000	-	-	110	113
7-373	CAMDEN CITY WD-MORRIS 6	01OCT62	3100	-	5500	-	-	108	116
7-373	CAMDEN CITY WD-MORRIS 6	12APR63	3300	-	5100	-	-	104	108
7-373	CAMDEN CITY WD-MORRIS 6	09JUL65	-	-	-	-	-	-	-
7-373	CAMDEN CITY WD-MORRIS 6	22JUL80	-	5600	-	4300	1.6	164	153
7-374	CAMDEN CITY WD-MORRIS 9	28NOV49	24000	-	4100	-	-	102	100
7-374	CAMDEN CITY WD-MORRIS 9	03JUL53	21000	-	5600	-	-	101	118
7-375	CAMDEN CITY WD-MORRIS 8	28NOV49	10	-	4100	-	-	102	104
7-375	CAMDEN CITY WD-MORRIS 8	03JUL53	0	-	5600	-	-	101	118
7-375	CAMDEN CITY WD-MORRIS 8	07AUG57	6600	-	24000	-	-	120	150
7-375	CAMDEN CITY WD-MORRIS 8	13AUG63	3800	-	6500	-	-	140	140
7-375	CAMDEN CITY WD-MORRIS 8	30AUG66	6800	-	2800	-	-	110	112
7-377	CAMDEN CITY WD-MORRIS 7	21NOV32	24000	-	4610	-	-	95	100
7-377	CAMDEN CITY WD-MORRIS 7	26JUN33	14710	-	4940	-	-	101	106
7-377	CAMDEN CITY WD-MORRIS 7	14AUG33	10890	-	5530	-	-	102	107
7-377	CAMDEN CITY WD-MORRIS 7	06FEB34	9290	-	6810	-	-	99	108
7-377	CAMDEN CITY WD-MORRIS 7	03JUL53	51000	0	8000	6500	-	113	131
7-379	CAMDEN CITY WD-MORRIS 10	29AUG61	10000	-	5000	-	-	120	123
7-379	CAMDEN CITY WD-MORRIS 10	24APR62	600	-	770	-	-	104	100
7-379	CAMDEN CITY WD-MORRIS 10	01OCT62	130	-	1200	-	-	112	115
7-379	CAMDEN CITY WD-MORRIS 10	12APR63	4800	-	2000	-	-	120	118
7-379	CAMDEN CITY WD-MORRIS 10	09JUL65	-	-	-	-	-	-	-
7-379	CAMDEN CITY WD-MORRIS 10	21DEC70	-	2000	-	2300	-	205	218
7-379	CAMDEN CITY WD-MORRIS 10	21JUL80	-	25000	-	5700	1.6	232	253
7-382	CAMDEN CITY WD-MORRIS 4A	29AUG61	8300	-	4600	-	-	108	105
7-382	CAMDEN CITY WD-MORRIS 4A	24APR62	8000	-	6100	-	-	106	108

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Temperature (°C)	Specific Conductance (micromhos) Field	Specific Conductance (micromhos) Lab	pH (Units) Field	pH (Units) Lab	Alkalinity (As CaCO3) Field	Alkalinity (As CaCO3) Lab	Dissolved Oxygen	Hardness (As CaCO3) Total	Hardness (As CaCO3) Noncarbonate
7-382	CAMDEN CITY WD-MORRIS 4A	01OCT62	13.5	-	196	-	6.2	-	66	-	77	11
7-382	CAMDEN CITY WD-MORRIS 4A	12APR63	13.0	-	205	-	6.2	-	64	-	66	2
7-382	CAMDEN CITY WD-MORRIS 4A	13AUG63	13.5	-	261	-	6.3	-	79	-	80	0
7-382	CAMDEN CITY WD-MORRIS 4A	09JUL65	-	-	249	-	-	-	-	-	-	-
7-383	CAMDEN CITY WD-MORRIS 4	21NOV32	-	-	-	-	-	73	73	-	84	11
7-386	CAMDEN CITY WD-MORRIS 3A	21NOV32	-	-	-	-	-	-	16	-	36	20
7-386	CAMDEN CITY WD-MORRIS 3A	07NOV49	-	-	158	-	6.4	-	44	-	58	14
7-386	CAMDEN CITY WD-MORRIS 3A	17APR56	13.0	-	151	-	6.3	-	40	-	52	12
7-386	CAMDEN CITY WD-MORRIS 3A	07AUG57	13.0	-	131	-	6.8	-	30	-	50	20
7-386	CAMDEN CITY WD-MORRIS 3A	31AUG61	13.5	-	141	-	6.1	-	27	-	47	20
7-386	CAMDEN CITY WD-MORRIS 3A	30AUG66	13.5	-	484	-	6.6	-	-	-	180	29
7-386	CAMDEN CITY WD-MORRIS 3A	16OCT69	14.0	-	722	-	6.4	-	-	-	-	-
7-386	CAMDEN CITY WD-MORRIS 3A	22JUL80	15.5	744	-	6.1	-	282	-	-	-	-
7-386	CAMDEN CITY WD-MORRIS 3A	12JUL82	15.0	700	640	6.5	6.6	284	-	0.2	210	0
7-387	CAMDEN CITY WD-MORRIS 2	07NOV49	-	-	99	-	5.6	-	11	-	31	20
7-387	CAMDEN CITY WD-MORRIS 2	07AUG57	13.0	-	116	-	6.0	-	11	-	40	29
7-387	CAMDEN CITY WD-MORRIS 2	29AUG61	13.0	-	197	-	5.8	-	20	-	74	54
7-387	CAMDEN CITY WD-MORRIS 2	24APR62	14.0	-	194	-	7.0	-	29	-	76	47
7-387	CAMDEN CITY WD-MORRIS 2	01OCT62	14.0	-	209	-	6.0	-	33	-	80	47
7-387	CAMDEN CITY WD-MORRIS 2	12APR63	13.0	-	217	-	6.0	-	36	-	76	40
7-387	CAMDEN CITY WD-MORRIS 2	13AUG63	14.0	-	234	-	6.1	-	50	-	91	41
7-387	CAMDEN CITY WD-MORRIS 2	01MAY64	14.0	-	195	-	6.0	-	30	-	74	44
7-388	CAMDEN CITY WD-MORRIS 5	21NOV32	-	-	-	-	-	-	12	-	38	26
7-388	CAMDEN CITY WD-MORRIS 5	07NOV49	-	-	141	-	6.0	-	28	-	53	25
7-388	CAMDEN CITY WD-MORRIS 5	07AUG57	13.0	-	146	-	5.9	-	23	-	51	28
7-389	CAMDEN CITY WD-MORIS 5NA	01OCT62	13.5	-	292	-	6.0	43	43	-	120	76
7-390	CAMDEN CITY WD-MORRIS 1	07NOV49	-	-	172	-	5.8	-	10	-	53	43
7-390	CAMDEN CITY WD-MORRIS 1	07AUG57	14.0	-	178	-	6.5	-	11	-	54	43
7-390	CAMDEN CITY WD-MORRIS 1	09JUL65	-	-	212	-	-	-	-	-	-	-
7-390	CAMDEN CITY WD-MORRIS 1	30AUG66	14.5	-	300	-	6.9	-	-	-	98	36
7-392	PINE HILL MUA 1	17AUG67	19.0	-	210	-	7.4	-	-	-	48	0
7-398	PINE HILL MUA 2-1972	16SEP82	19.0	206	211	8.0	7.0	86	-	0.2	51	0
7-404	NEW JERSEY WC-RUNMEDE 19	03AUG60	15.5	-	177	-	7.6	-	71	-	58	0
7-404	NEW JERSEY WC-RUNMEDE 19	21SEP66	-	-	171	-	7.4	-	-	-	54	0
7-410	NEW JERSEY WC-SOMRDAL 14	02AUG60	15.0	-	190	-	7.6	-	76	-	67	0
7-410	NEW JERSEY WC-SOMRDAL 14	20FEB64	-	-	191	-	7.5	-	76	-	66	0
7-410	NEW JERSEY WC-SOMRDAL 14	17AUG66	15.0	-	185	-	7.5	-	-	-	63	0
7-410	NEW JERSEY WC-SOMRDAL 14	26AUG82	15.0	177	180	7.9	7.8	70	-	0.2	56	0
7-422	NEW JERSEY WC-ASHLAND 17	03AUG60	16.0	-	216	-	7.5	-	87	-	84	0
7-422	NEW JERSEY WC-ASHLAND 17	17AUG66	14.5	-	211	-	7.6	-	-	-	80	0
7-426	NEW JERSEY WC-VOORHES 21	26AUG82	16.0	208	215	7.9	7.8	84	-	0.2	81	0
7-476	USGS-NEW BROOKLN PK 1 OB	06APR67	24.0	-	1220	-	8.1	-	138	-	37	0
7-476	USGS-NEW BROOKLN PK 1 OB	27APR72	22.0	-	1110	-	7.6	-	133	-	36	0
7-476	USGS-NEW BROOKLN PK 1 OB	17NOV82	21.0	1190	1220	7.9	7.8	140	-	0.1	35	0
7-477	USGS-NEW BROOKLN PK 2 OB	28APR61	19.5	-	185	-	8.9	-	61	-	35	0
7-477	USGS-NEW BROOKLN PK 2 OB	01MAY61	16.5	-	210	-	9.4	-	68	-	34	0
7-477	USGS-NEW BROOKLN PK 2 OB	26APR72	18.5	-	453	-	9.4	-	230	-	11	0
7-477	USGS-NEW BROOKLN PK 2 OB	07DEC82	18.5	455	437	8.9	9.1	240	-	0.2	20	0
7-517	BROOKLAWN BORO WD 4-67	27AUG80	15.0	662	-	6.8	-	223	-	-	-	-
7-517	BROOKLAWN BORO WD 4-67	10OCT80	15.0	624	-	6.8	-	236	-	-	240	7
7-520	BROOKLAWN BORO WD 3-61	19AUG66	14.5	-	350	-	7.2	-	123	-	130	11
7-527	CAMDEN CITY WD-CITY 18	29OCT82	14.5	413	447	5.9	6.0	52	-	0.7	110	60
7-528	CAMDEN CITY WD-PUCHACK 7	13JUL82	13.0	167	168	5.4	5.8	16	-	3.3	42	26
7-535	CAMDEN CITY WD-TW 1 1979	28JUL80	17.0	212	-	6.7	-	56	-	-	62	6
7-541	CAMDEN CITY WD-TW 8 1979	28JUL80	14.5	407	-	5.8	-	59	-	-	110	53
7-541	CAMDEN CITY WD-TW 8 1979	09SEP82	14.5	400	394	6.0	6.9	62	-	0.5	100	42
7-545	CAMDEN CITY WD-MORRIS 11	12JUL82	14.5	265	251	6.7	6.8	70	-	0.1	75	5
7-545	CAMDEN CITY WD-MORRIS 11	03JAN83	14.5	262	242	6.8	6.7	82	-	0.2	72	0
7-546	NEW JERSEY WC-LAUREL 14	02AUG60	15.0	-	190	-	7.6	-	76	-	67	0
7-546	NEW JERSEY WC-LAUREL 14	20FEB64	-	-	191	-	7.5	-	76	-	66	0
7-555	PENLER ANODIZING CO 1	01JUL80	13.5	77	-	4.9	-	2	-	-	18	16
7-559	MEADOWBROOK SWIM CLUB	01JUL80	13.0	100	-	4.7	-	2	-	-	28	26
7-560	MERCH-PENN WCOM-WDBINE 2	10JUL80	13.0	88	-	5.1	-	4	-	-	19	15
7-560	MERCH-PENN WCOM-WDBINE 2	27OCT82	13.0	125	84	4.9	5.2	2	-	6.5	31	29
7-562	NJDEP-HARRISON AVE 2	07AUG80	20.0	4200	-	6.7	-	1580	-	-	570	0
7-563	NJDEP-HARRISON AVE 3	08AUG80	19.0	625	-	6.6	-	318	-	-	130	0
7-566	NJDEP-HARRISON AVE 6	07AUG80	15.5	691	-	6.4	-	157	-	-	270	110
7-567	NJDEP-HARRISON AVE 7	07AUG80	16.0	612	-	6.8	-	305	-	-	170	0
7-568	PENNSAUKN LANDFILL MON 1	29OCT80	15.0	442	-	5.6	6.0	50	-	-	120	70
7-571	PENNSAUKN LANDFILL MON 4	29OCT80	16.0	169	-	4.7	5.3	0	-	-	51	51

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Diss. Sodium	Diss. Potassium	Diss. Calcium	Diss. Magnesium	Diss. Silica	Diss. Chloride	Diss. Sulfate	Diss. Fluoride
7-382	CAMDEN CITY WD-MORRIS 4A	01OCT62	5.8	1.6	16	9.0	6.4	7.6	17	0.0
7-382	CAMDEN CITY WD-MORRIS 4A	12APR63	6.4	0.6	16	6.3	6.2	6.5	17	0.0
7-382	CAMDEN CITY WD-MORRIS 4A	13AUG63	5.8	1.4	17	9.0	6.2	7.7	15	0.3
7-382	CAMDEN CITY WD-MORRIS 4A	09JUL65	-	-	-	-	-	13	14	-
7-383	CAMDEN CITY WD-MORRIS 4	21NOV32	-	-	17	10	-	7.0	14	-
7-386	CAMDEN CITY WD-MORRIS 3A	21NOV32	-	-	-	-	-	7.0	5.0	-
7-386	CAMDEN CITY WD-MORRIS 3A	07NOV49	4.4	1.8	13	6.2	6.2	5.2	15	0.1
7-386	CAMDEN CITY WD-MORRIS 3A	17APR56	4.8	2.1	9.8	6.7	6.9	6.2	18	0.1
7-386	CAMDEN CITY WD-MORRIS 3A	07AUG57	5.5	1.7	9.5	6.4	9.0	6.8	17	0.2
7-386	CAMDEN CITY WD-MORRIS 3A	31AUG61	7.5	1.5	11	4.7	6.0	8.4	21	0.1
7-386	CAMDEN CITY WD-MORRIS 3A	30AUG66	24	2.2	34	22	4.4	38	36	0.1
7-386	CAMDEN CITY WD-MORRIS 3A	16OCT69	-	-	-	-	-	104	-	-
7-386	CAMDEN CITY WD-MORRIS 3A	22JUL80	-	9.2	-	-	-	43	38	-
7-386	CAMDEN CITY WD-MORRIS 3A	12JUL82	33	9.8	40	26	5.9	30	37	0.4
7-387	CAMDEN CITY WD-MORRIS 2	07NOV49	4.4	1.5	6.6	3.6	7.3	6.0	13	0.1
7-387	CAMDEN CITY WD-MORRIS 2	07AUG57	5.5	1.5	7.1	5.4	8.2	6.8	20	0.1
7-387	CAMDEN CITY WD-MORRIS 2	29AUG61	7.5	1.8	16	8.2	7.8	8.6	49	0.1
7-387	CAMDEN CITY WD-MORRIS 2	24APR62	5.2	2.2	15	9.4	6.9	8.4	49	0.0
7-387	CAMDEN CITY WD-MORRIS 2	01OCT62	6.4	2.0	16	9.7	7.1	8.6	43	0.0
7-387	CAMDEN CITY WD-MORRIS 2	12APR63	7.6	1.5	16	8.8	7.3	7.5	41	0.0
7-387	CAMDEN CITY WD-MORRIS 2	13AUG63	6.0	2.0	20	10	6.5	7.9	39	0.2
7-387	CAMDEN CITY WD-MORRIS 2	01MAY64	6.8	1.9	16	8.3	5.1	10	42	0.1
7-388	CAMDEN CITY WD-MORRIS 5	21NOV32	-	-	9.0	-	-	6.0	10	-
7-388	CAMDEN CITY WD-MORRIS 5	07NOV49	5.5	1.5	11	6.2	5.6	5.8	27	0.1
7-388	CAMDEN CITY WD-MORRIS 5	07AUG57	7.0	1.4	10	6.4	6.4	7.2	32	0.1
7-389	CAMDEN CITY WD-MORIS 5NA	01OCT62	7.7	2.0	23	15	8.3	10	79	0.0
7-390	CAMDEN CITY WD-MORRIS 1	07NOV49	7.9	2.9	10	6.8	7.5	10	32	0.1
7-390	CAMDEN CITY WD-MORRIS 1	07AUG57	9.0	3.0	11	6.4	9.4	10	38	0.1
7-390	CAMDEN CITY WD-MORRIS 1	09JUL65	-	-	-	-	-	16	44	-
7-390	CAMDEN CITY WD-MORRIS 1	30AUG66	18	2.4	21	11	4.9	22	47	0.2
7-392	PINE HILL MUA 1	17AUG67	22	9.6	12	4.5	8.7	1.7	19	0.4
7-398	PINE HILL MUA 2-1972	16SEP82	21	7.2	13	4.4	9.6	1.4	16	0.6
7-404	NEW JERSEY WC-RUNMEDE 19	03AUG60	12	5.2	17	3.8	9.7	3.0	18	0.3
7-404	NEW JERSEY WC-RUNMEDE 19	21SEP66	12	7.2	16	3.4	8.7	2.2	17	0.2
7-410	NEW JERSEY WC-SOMRDAL 14	02AUG60	-	-	-	-	-	1.3	19	-
7-410	NEW JERSEY WC-SOMRDAL 14	20FEB64	13	7.3	19	4.4	8.8	1.8	17	0.3
7-410	NEW JERSEY WC-SOMRDAL 14	17AUG66	11	7.6	18	4.5	9.1	4.4	23	0.2
7-410	NEW JERSEY WC-SOMRDAL 14	26AUG82	9.6	6.4	16	3.9	9.0	1.4	16	0.3
7-422	NEW JERSEY WC-ASHLAND 17	03AUG60	10	6.2	24	5.8	9.6	2.0	23	0.2
7-422	NEW JERSEY WC-ASHLAND 17	17AUG66	7.2	9.0	22	6.2	9.5	1.6	24	0.0
7-426	NEW JERSEY WC-VOORHES 21	26AUG82	6.3	7.5	23	5.7	9.2	1.6	21	0.2
7-476	USGS-NEW BROOKLN PK 1 OB	06APR67	229	5.0	11	2.4	1.1	298	6.9	1.6
7-476	USGS-NEW BROOKLN PK 1 OB	27APR72	240	5.8	10	2.4	12	283	5.3	1.9
7-476	USGS-NEW BROOKLN PK 1 OB	17NOV82	250	4.3	10	2.4	12	300	7.0	1.8
7-477	USGS-NEW BROOKLN PK 2 OB	28APR61	-	-	-	-	-	3.5	31	-
7-477	USGS-NEW BROOKLN PK 2 OB	01MAY61	32	7.6	12	1.1	7.7	4.2	32	0.2
7-477	USGS-NEW BROOKLN PK 2 OB	26APR72	97	9.9	3.6	0.4	14	2.5	4.7	0.5
7-477	USGS-NEW BROOKLN PK 2 OB	07DEC82	110	5.3	7.8	0.2	15	2.4	6.0	0.4
7-517	BROOKLAWN BORO WD 4-67	27AUG80	-	-	-	-	-	26	91	-
7-517	BROOKLAWN BORO WD 4-67	10OCT80	27	12	69	16	13	26	92	-
7-520	BROOKLAWN BORO WD 3-61	19AUG66	13	8.8	39	8.8	12	16	36	0.2
7-527	CAMDEN CITY WD-CITY 18	29OCT82	37	5.0	30	9.0	11	34	97	<0.1
7-528	CAMDEN CITY WD-PUCHACK 7	13JUL82	11	2.1	9.4	4.5	7.9	15	23	0.1
7-535	CAMDEN CITY WD-TW 1 1979	28JUL80	10	2.2	16	5.3	6.8	16	24	-
7-541	CAMDEN CITY WD-TW 8 1979	28JUL80	28	4.7	28	9.9	14	37	75	-
7-541	CAMDEN CITY WD-TW 8 1979	09SEP82	23	4.3	26	9.5	14	37	70	0.2
7-545	CAMDEN CITY WD-MORRIS 11	12JUL82	15	2.3	18	7.3	6.8	20	24	0.3
7-545	CAMDEN CITY WD-MORRIS 11	03JAN83	14	2.8	17	7.1	6.5	20	22	0.2
7-546	NEW JERSEY WC-LAUREL 14	02AUG60	-	-	-	-	-	1.3	19	-
7-546	NEW JERSEY WC-LAUREL 14	20FEB64	13	7.3	19	4.4	8.8	1.8	17	0.3
7-555	PENLER ANODIZING CO 1	01JUL80	3.0	2.1	3.7	2.2	7.7	6.4	11	-
7-559	MEADOWBROOK SWIM CLUB	01JUL80	1.8	1.7	3.6	4.7	7.3	3.0	24	-
7-560	MERCH-PENN WCOM-WDBINE 2	10JUL80	5.1	1.9	4.1	2.1	13	8.9	7.5	-
7-560	MERCH-PENN WCOM-WDBINE 2	27OCT82	6.9	2.2	6.3	3.6	14	12	20	<0.1
7-562	NJDEP-HARRISON AVE 2	07AUG80	670	100	62	100	9.1	500	15	-
7-563	NJDEP-HARRISON AVE 3	08AUG80	22	3.8	27	15	17	58	17	-
7-566	NJDEP-HARRISON AVE 6	07AUG80	27	3.5	67	25	7.0	14	170	-
7-567	NJDEP-HARRISON AVE 7	07AUG80	15	3.3	41	16	4.2	15	3.5	-
7-568	PENNSAUKN LANDFILL MON 1	29OCT80	29	16	28	12	11	65	71	-
7-571	PENNSAUKN LANDFILL MON 4	29OCT80	7.5	3.9	8.8	7.1	7.6	16	42	-

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Total Iron (ug/L)	Diss. Iron (ug/L)	Total Manganese (ug/L)	Diss. Manganese (ug/L)	Diss. Organic Carbon	Dissolved Solids Residue at 180°C	Dissolved Solids Sum of Constituents
7-382	CAMDEN CITY WD-MORRIS 4A	01OCT62	3300	-	3800	-	-	110	86
7-382	CAMDEN CITY WD-MORRIS 4A	12APR63	8300	-	4800	-	-	99	103
7-382	CAMDEN CITY WD-MORRIS 4A	13AUG63	3700	-	4900	-	-	120	116
7-382	CAMDEN CITY WD-MORRIS 4A	09JUL65	-	-	-	-	-	-	-
7-383	CAMDEN CITY WD-MORRIS 4	21NOV32	15000	-	5630	-	-	-	100
7-386	CAMDEN CITY WD-MORRIS 3A	21NOV32	1130	-	300	-	-	-	-
7-386	CAMDEN CITY WD-MORRIS 3A	07NOV49	10	-	2700	-	-	86	86
7-386	CAMDEN CITY WD-MORRIS 3A	17APR56	10	-	2700	-	-	90	85
7-386	CAMDEN CITY WD-MORRIS 3A	07AUG57	6500	-	2600	-	-	83	88
7-386	CAMDEN CITY WD-MORRIS 3A	31AUG61	580	-	1000	-	-	90	83
7-386	CAMDEN CITY WD-MORRIS 3A	30AUG66	6800	-	8300	-	-	263	249
7-386	CAMDEN CITY WD-MORRIS 3A	16OCT69	20000	-	8700	-	-	-	-
7-386	CAMDEN CITY WD-MORRIS 3A	22JUL80	-	-	-	-	6.5	372	-
7-386	CAMDEN CITY WD-MORRIS 3A	12JUL82	-	28000	-	9200	-	346	389
7-387	CAMDEN CITY WD-MORRIS 2	07NOV49	370	-	50	-	-	59	59
7-387	CAMDEN CITY WD-MORRIS 2	07AUG57	910	-	190	-	-	70	74
7-387	CAMDEN CITY WD-MORRIS 2	29AUG61	290	-	240	-	-	122	121
7-387	CAMDEN CITY WD-MORRIS 2	24APR62	0	-	50	-	-	119	116
7-387	CAMDEN CITY WD-MORRIS 2	01OCT62	550	-	110	-	-	137	115
7-387	CAMDEN CITY WD-MORRIS 2	12APR63	8100	-	90	-	-	113	114
7-387	CAMDEN CITY WD-MORRIS 2	13AUG63	2900	-	190	-	-	145	123
7-387	CAMDEN CITY WD-MORRIS 2	01MAY64	4200	-	170	-	-	133	110
7-388	CAMDEN CITY WD-MORRIS 5	21NOV32	270	-	0	-	-	-	-
7-388	CAMDEN CITY WD-MORRIS 5	07NOV49	10	-	710	-	-	80	82
7-388	CAMDEN CITY WD-MORRIS 5	07AUG57	100	-	410	-	-	85	87
7-389	CAMDEN CITY WD-MORIS 5NA	01OCT62	1700	-	3700	-	-	176	175
7-390	CAMDEN CITY WD-MORRIS 1	07NOV49	10	-	130	-	-	102	98
7-390	CAMDEN CITY WD-MORRIS 1	07AUG57	200	-	100	-	-	110	111
7-390	CAMDEN CITY WD-MORRIS 1	09JUL65	-	-	-	-	-	-	-
7-390	CAMDEN CITY WD-MORRIS 1	30AUG66	5300	-	3600	-	-	170	164
7-392	PINE HILL MUA 1	17AUG67	30	-	0	-	-	137	131
7-398	PINE HILL MUA 2-1972	16SEP82	-	130	-	7	1.6	127	125
7-404	NEW JERSEY WC-RUNMEDE 19	03AUG60	400	-	40	-	-	119	113
7-404	NEW JERSEY WC-RUNMEDE 19	21SEP66	280	-	0	-	-	116	109
7-410	NEW JERSEY WC-SOMRDAL 14	02AUG60	230	-	-	-	-	122	-
7-410	NEW JERSEY WC-SOMRDAL 14	20FEB64	150	-	0	-	-	114	118
7-410	NEW JERSEY WC-SOMRDAL 14	17AUG66	990	-	30	-	-	110	120
7-410	NEW JERSEY WC-SOMRDAL 14	26AUG82	-	150	-	7	0.8	113	105
7-422	NEW JERSEY WC-ASHLAND 17	03AUG60	500	-	50	-	-	136	133
7-422	NEW JERSEY WC-ASHLAND 17	17AUG66	290	-	50	-	-	130	130
7-426	NEW JERSEY WC-VOORHES 21	26AUG82	-	310	-	12	1.4	133	125
7-476	USGS-NEW BROOKLN PK 1 OB	06APR67	1600	-	110	-	-	670	638
7-476	USGS-NEW BROOKLN PK 1 OB	27APR72	-	680	-	20	-	663	642
7-476	USGS-NEW BROOKLN PK 1 OB	17NOV82	-	510	-	36	-	607	672
7-477	USGS-NEW BROOKLN PK 2 OB	28APR61	-	-	-	-	-	-	-
7-477	USGS-NEW BROOKLN PK 2 OB	01MAY61	1400	-	0	-	-	145	140
7-477	USGS-NEW BROOKLN PK 2 OB	26APR72	-	-	-	0	-	297	272
7-477	USGS-NEW BROOKLN PK 2 OB	07DEC82	-	9	-	<1	1.8	283	291
7-517	BROOKLAWN BORO WD 4-67	27AUG80	-	-	-	-	2.5	422	-
7-517	BROOKLAWN BORO WD 4-67	10OCT80	-	7200	-	250	11	414	409
7-520	BROOKLAWN BORO WD 3-61	19AUG66	3500	-	60	-	-	214	208
7-527	CAMDEN CITY WD-CITY 18	29OCT82	-	86	-	140	0.8	291	255
7-528	CAMDEN CITY WD-PUCHACK 7	13JUL82	-	35	-	75	1.8	109	-
7-535	CAMDEN CITY WD-TW 1 1979	28JUL80	-	6600	-	1000	1.8	128	122
7-541	CAMDEN CITY WD-TW 8 1979	28JUL80	-	4800	-	400	1.1	246	238
7-541	CAMDEN CITY WD-TW 8 1979	09SEP82	-	7300	-	360	2.3	229	229
7-545	CAMDEN CITY WD-MORRIS 11	12JUL82	-	5200	-	3300	1.6	167	-
7-545	CAMDEN CITY WD-MORRIS 11	03JAN83	-	4800	-	3300	-	136	147
7-546	NEW JERSEY WC-LAUREL 14	02AUG60	230	-	-	-	-	122	-
7-546	NEW JERSEY WC-LAUREL 14	20FEB64	150	-	-	-	-	114	118
7-555	PENLER ANODIZING CO 1	01JUL80	-	24	-	40	1.9	54	43
7-559	MEADOWBROOK SWIM CLUB	01JUL80	-	74	-	42	1.1	68	56
7-560	MERCH-PENN WCOM-WDBINE 2	10JUL80	-	36	-	35	0.4	68	59
7-560	MERCH-PENN WCOM-WDBINE 2	27OCT82	-	21	-	52	<0.3	80	66
7-562	NJDEP-HARRISON AVE 2	07AUG80	-	21000	-	1200	108	2200	2430
7-563	NJDEP-HARRISON AVE 3	08AUG80	-	51000	-	600	5.6	304	403
7-566	NJDEP-HARRISON AVE 6	07AUG80	-	53	-	36	5.1	508	416
7-567	NJDEP-HARRISON AVE 7	07AUG80	-	11000	-	15000	4.3	260	309
7-568	PENNSAUKN LANDFILL MON 1	29OCT80	-	340	-	5100	2.8	298	271
7-571	PENNSAUKN LANDFILL MON 4	29OCT80	-	65	-	470	0.7	115	101

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Temperature (°C)	Specific Conductance (micromhos) Field	Specific Conductance (micromhos) Lab	pH (Units) Field	pH (Units) Lab	Alkalinity (As CaCO3) Field	Alkalinity (As CaCO3) Lab	Dissolved Oxygen	Hardness (As CaCO3) Total	Hardness (As CaCO3) Noncarbonate
7-573	USGS-GLOUC CTY CG BASE 2	26JUN75	15.5	172	-	6.5	-	-	31	-	51	20
7-573	USGS-GLOUC CTY CG BASE 2	29APR76	13.0	228	-	6.4	-	-	38	-	64	26
7-573	USGS-GLOUC CTY CG BASE 2	23JUL80	14.5	228	-	6.6	-	60	-	-	59	0
7-573	USGS-GLOUC CTY CG BASE 2	05JAN83	15.5	237	207	7.0	6.6	62	-	0.3	54	0
7-574	USGS-GLOUC CTY CG BASE 3	23JUL80	22.5	303	-	6.0	-	41	-	-	79	38
7-574	USGS-GLOUC CTY CG BASE 3	05JAN83	9.0	297	275	6.9	6.6	40	-	-	72	32
7-575	BELL SUPPLY CO 1	25AUG80	15.5	106	-	5.4	-	6	-	-	23	17
7-586	CAMDEN CITY WD-MORRIS 12	27JUL81	14.5	260	-	6.6	-	-	-	-	65	-
7-586	CAMDEN CITY WD-MORRIS 12	13JUL82	15.5	215	202	7.2	6.9	50	-	0.1	59	9
7-586	CAMDEN CITY WD-MORRIS 12	03JAN83	14.0	223	202	7.2	6.6	66	-	0.1	61	0
7-587	CAMDEN CITY WD-MORRIS 13	27JUL81	15.5	259	-	6.6	-	-	-	-	71	-
7-587	CAMDEN CITY WD-MORRIS 13	03JAN83	14.0	228	209	7.1	6.7	68	-	0.1	64	0
15- 1	CLAYTON BORO WD 3	30JUL57	23.5	-	977	-	7.7	-	313	-	12	0
15- 1	CLAYTON BORO WD 3	24SEP57	23.0	-	955	-	-	-	-	-	-	-
15- 1	CLAYTON BORO WD 3	19NOV58	23.0	-	952	-	8.4	-	311	-	12	0
15- 1	CLAYTON BORO WD 3	09DEC58	20.0	-	946	-	8.1	-	302	-	12	0
15- 1	CLAYTON BORO WD 3	13JUL67	20.5	-	961	-	8.5	-	-	-	11	0
15- 1	CLAYTON BORO WD 3	21SEP72	20.5	-	970	-	8.8	-	315	-	19	0
15- 1	CLAYTON BORO WD 3	17SEP82	21.0	1030	1040	8.4	8.1	310	-	0.4	12	0
15- 3	CLAYTON BORO WD 4	17SEP82	20.0	835	826	8.5	7.5	310	-	0.4	11	0
15- 7	WOODBURY CTY WD-SEWELL 2	25APR51	15.5	-	374	-	8.0	-	161	-	23	0
15- 8	WOODBURY CTY WD-SEWEL 2A	27AUG80	15.0	384	-	8.1	-	157	-	-	-	-
15- 8	WOODBURY CTY WD-SEWEL 2A	17OCT80	15.0	360	-	8.0	8.1	156	-	-	24	0
15- 9	DEPTFORD TWP MUA 5-1971	02SEP80	16.5	211	-	8.0	-	94	-	-	41	0
15- 11	DEPTFORD TWP MUA 2	17AUG67	16.5	-	285	-	7.7	-	-	-	31	0
15- 16	DEPTFORD TWP MUA 1	17AUG67	14.0	-	255	-	7.8	-	-	-	34	0
15- 16	DEPTFORD TWP MUA 1	02SEP80	16.0	271	-	8.0	-	126	-	-	39	0
15- 16	DEPTFORD TWP MUA 1	28DEC82	14.0	272	267	7.7	7.9	120	-	0.3	36	0
15- 24	DEPTFORD TWP MUA 4	02SEP80	17.0	214	-	7.8	-	88	-	-	33	0
15- 28	E GREENWICH TWP WD 2	13JUL67	23.0	-	605	-	8.2	-	201	-	41	0
15- 28	E GREENWICH TWP WD 2	05SEP80	14.5	480	-	7.9	-	168	-	-	35	0
15- 29	E GREENWICH TWP WD 1	07MAY51	14.0	-	523	-	7.8	-	186	-	43	0
15- 60	GLASSBORO BORO WD 3	17JUL67	17.0	-	659	-	-	-	-	-	10	0
15- 60	GLASSBORO BORO WD 3	17AUG82	19.5	690	731	8.4	8.3	270	-	-	12	0
15- 62	GLASSBORO BORO WD 2	19NOV58	18.5	-	511	-	7.9	-	243	-	9	0
15- 62	GLASSBORO BORO WD 2	09DEC58	18.5	-	509	-	7.7	-	243	-	10	0
15- 62	GLASSBORO BORO WD 2	17JUL67	17.0	-	502	-	8.5	-	-	-	8	0
15- 63	GLASSBORO BORO WD 4	17JUL67	17.0	-	494	-	8.5	-	-	-	10	0
15- 63	GLASSBORO BORO WD 4	17AUG82	19.0	545	568	8.4	8.2	230	-	-	11	0
15- 65	GREENWICH TWP WD 2	13JUL67	23.0	-	162	-	4.6	-	1	-	43	42
15- 69	GREENWICH TWP WD 3	13JUL67	13.0	-	102	-	5.7	-	-	-	25	22
15- 69	GREENWICH TWP WD 3	18SEP80	13.5	121	-	5.2	-	6	-	-	22	16
15- 69	GREENWICH TWP WD 3	22SEP82	13.0	132	132	5.3	5.2	5	-	0.4	26	21
15- 70	GREENWICH TWP WD 1	14AUG67	15.0	-	227	-	5.5	-	-	-	60	55
15- 72	EI DUPONT REPAUNO 3	15SEP52	16.0	-	278	-	5.4	-	5	-	66	61
15- 72	EI DUPONT REPAUNO 3	15AUG67	13.5	-	494	-	6.2	-	-	-	76	70
15- 72	EI DUPONT REPAUNO 3	22SEP72	14.0	-	497	-	6.9	-	7	-	77	70
15- 72	EI DUPONT REPAUNO 3	13MAY76	14.0	454	-	5.4	-	-	6	-	58	52
15- 72	EI DUPONT REPAUNO 3	12SEP80	13.5	221	-	5.2	-	4	-	-	47	43
15- 72	EI DUPONT REPAUNO 3	29JUL81	13.0	232	-	5.1	-	-	-	-	-	-
15- 72	EI DUPONT REPAUNO 3	24AUG82	13.5	480	514	5.3	5.7	7	-	0.0	63	56
15- 76	HERCULES CHEM 4-1970	15SEP80	15.0	393	-	6.6	-	146	-	-	69	0
15- 76	HERCULES CHEM 4-1970	29JUL81	15.5	398	-	6.4	-	-	-	-	-	-
15- 76	HERCULES CHEM 4-1970	18NOV82	14.0	645	569	6.7	6.6	320	-	0.4	110	0
15- 79	EI DUPONT REPAUNO 6	21DEC70	13.0	-	460	-	6.7	-	-	-	48	40
15- 79	EI DUPONT REPAUNO 6	28MAR75	13.5	630	-	5.1	-	-	9	-	59	50
15- 79	EI DUPONT REPAUNO 6	13MAY76	14.0	499	-	5.7	-	-	13	-	44	31
15- 79	EI DUPONT REPAUNO 6	12SEP80	14.0	480	-	5.6	-	14	-	-	60	46
15- 79	EI DUPONT REPAUNO 6	24AUG82	14.0	545	580	5.6	6.9	15	-	1.4	68	53
15- 81	EI DUPONT REPAUNO 5	15AUG67	13.5	-	156	-	5.3	-	-	-	40	35
15- 81	EI DUPONT REPAUNO 5	13MAY76	15.5	-	-	5.8	-	-	31	-	39	8
15- 81	EI DUPONT REPAUNO 5	12SEP80	20.0	365	-	5.7	-	22	-	-	50	28
15- 81	EI DUPONT REPAUNO 5	29JUL81	17.5	384	-	5.5	-	-	-	-	-	-
15- 81	EI DUPONT REPAUNO 5	24AUG82	15.0	255	266	5.5	5.7	17	-	-	42	25
15- 82	EI DUPONT REPAUNO 1 (O)	20AUG51	13.5	-	373	-	5.8	-	4	-	40	36
15- 84	HERCULES CHEM GIBBSTWN 2	14AUG67	14.0	-	211	-	6.2	-	-	-	55	38
15- 89	HERCULES CHEM GIBBSTWN 1	14AUG67	14.0	-	319	-	6.6	-	-	-	91	37
15- 93	MOBIL OIL-GREENWICH 46	09JUL51	14.5	-	1240	-	3.5	-	0	-	60	60
15- 94	MOBIL OIL-GREENWICH 44	14AUG67	14.5	-	456	-	-	-	-	-	79	79
15- 94	MOBIL OIL-GREENWICH 44	17SEP80	16.0	653	-	5.5	-	22	-	-	72	50

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Diss. Sodium	Diss. Potassium	Diss. Calcium	Diss. Magnesium	Diss. Silica	Diss. Chloride	Diss. Sulfate	Diss. Fluoride
7-573	USGS-GLOUC CTY CG BASE 2	26JUN75	9.9	2.4	13	4.4	4.8	13	32	0.3
7-573	USGS-GLOUC CTY CG BASE 2	29APR76	9.9	2.6	15	6.5	4.8	15	33	0.3
7-573	USGS-GLOUC CTY CG BASE 2	23JUL80	12	2.5	15	5.2	5.1	17	19	-
7-573	USGS-GLOUC CTY CG BASE 2	05JAN83	14	2.1	14	4.7	5.4	18	20	0.3
7-574	USGS-GLOUC CTY CG BASE 3	23JUL80	20	3.1	21	6.3	2.3	28	52	-
7-574	USGS-GLOUC CTY CG BASE 3	05JAN83	16	2.4	18	6.5	1.3	28	34	0.2
7-575	BELL SUPPLY CO 1	25AUG80	6.0	2.0	4.9	2.7	8.4	11	12	-
7-586	CAMDEN CITY WD-MORRIS 12	27JUL81	18	-	16	6.1	7.4	-	-	-
7-586	CAMDEN CITY WD-MORRIS 12	13JUL82	14	1.7	15	5.2	7.0	16	26	0.2
7-586	CAMDEN CITY WD-MORRIS 12	03JAN83	13	1.9	15	5.6	6.4	16	23	0.2
7-587	CAMDEN CITY WD-MORRIS 13	27JUL81	18	-	18	6.3	6.7	-	-	-
7-587	CAMDEN CITY WD-MORRIS 13	03JAN83	13	1.9	16	5.8	5.7	17	24	0.2
15- 1	CLAYTON BORO WD 3	30JUL57	216	7.5	2.6	1.3	14	120	0.0	2.0
15- 1	CLAYTON BORO WD 3	24SEP57	-	-	-	-	-	116	0.0	-
15- 1	CLAYTON BORO WD 3	19NOV58	226	6.8	3.2	1.0	11	122	0.2	-
15- 1	CLAYTON BORO WD 3	09DEC58	214	6.8	3.0	1.1	10	123	0.0	1.7
15- 1	CLAYTON BORO WD 3	13JUL67	222	7.2	2.4	1.2	9.8	129	0.6	1.6
15- 1	CLAYTON BORO WD 3	21SEP72	220	7.3	5.7	1.2	11	140	0.5	1.8
15- 1	CLAYTON BORO WD 3	17SEP82	260	5.9	2.8	1.3	10	140	5.0	1.7
15- 3	CLAYTON BORO WD 4	17SEP82	230	5.8	2.7	1.1	10	100	7.0	1.8
15- 7	WOODBURY CTY WD-SEWELL 2	25APR51	79	5.2	5.6	2.1	10	21	5.0	1.6
15- 8	WOODBURY CTY WD-SEWEL 2A	27AUG80	-	-	-	-	-	25	4.8	-
15- 8	WOODBURY CTY WD-SEWEL 2A	17OCT80	67	5.3	6.9	1.6	8.5	28	6.7	-
15- 9	DEPTFORD TWP MUA 5-1971	02SEP80	30	6.4	11	3.2	10	2.2	14	-
15- 11	DEPTFORD TWP MUA 2	17AUG67	57	6.3	8.7	2.2	7.6	9.2	7.8	1.0
15- 16	DEPTFORD TWP MUA 1	17AUG67	42	6.3	10	2.3	7.3	3.3	12	0.9
15- 16	DEPTFORD TWP MUA 1	02SEP80	48	5.6	11	2.7	9.6	6.9	8.6	-
15- 16	DEPTFORD TWP MUA 1	28DEC82	43	5.2	10	2.7	9.2	7.2	9.0	0.9
15- 24	DEPTFORD TWP MUA 4	02SEP80	34	4.9	9.7	2.1	9.3	6.6	12	-
15- 28	E GREENWICH TWP WD 2	13JUL67	119	7.3	11	3.3	9.8	72	4.5	3.2
15- 28	E GREENWICH TWP WD 2	05SEP80	93	5.8	9.3	2.8	10	48	4.4	-
15- 29	E GREENWICH TWP WD 1	07MAY51	102	3.5	12	3.1	9.8	54	5.0	1.2
15- 60	GLASSBORO BORO WD 3	17JUL67	150	6.3	2.4	1.0	10	56	2.4	1.6
15- 60	GLASSBORO BORO WD 3	17AUG82	160	5.0	3.1	1.1	9.3	66	3.0	2.0
15- 62	GLASSBORO BORO WD 2	19NOV58	115	4.6	2.8	0.5	10	13	2.8	1.8
15- 62	GLASSBORO BORO WD 2	09DEC58	117	6.0	2.6	0.9	10	20	3.6	1.5
15- 62	GLASSBORO BORO WD 2	17JUL67	115	5.5	1.8	0.8	9.5	18	2.7	0.2
15- 63	GLASSBORO BORO WD 4	17JUL67	112	5.5	2.5	1.0	8.4	20	2.8	1.6
15- 63	GLASSBORO BORO WD 4	17AUG82	130	4.7	2.9	1.0	9.4	40	3.0	1.9
15- 65	GREENWICH TWP WD 2	13JUL67	4.8	3.1	5.6	7.1	9.8	7.8	38	0.0
15- 69	GREENWICH TWP WD 3	13JUL67	6.0	1.2	4.7	3.2	13	8.5	23	0.1
15- 69	GREENWICH TWP WD 3	18SEP80	7.1	1.4	3.8	3.0	14	13	26	-
15- 69	GREENWICH TWP WD 3	22SEP82	9.1	1.5	4.4	3.7	15	11	31	<0.1
15- 70	GREENWICH TWP WD 1	14AUG67	14	5.7	12	7.2	6.2	18	42	0.0
15- 72	EI DUPONT REPAUNO 3	15SEP52	-	-	-	-	-	39	32	-
15- 72	EI DUPONT REPAUNO 3	15AUG67	60	6.0	16	8.8	7.3	109	36	0.0
15- 72	EI DUPONT REPAUNO 3	22SEP72	60	5.2	18	7.8	7.9	110	37	0.1
15- 72	EI DUPONT REPAUNO 3	13MAY76	57	4.4	12	6.9	8.0	100	31	0.1
15- 72	EI DUPONT REPAUNO 3	12SEP80	18	4.3	9.5	5.6	8.0	32	35	-
15- 72	EI DUPONT REPAUNO 3	29JUL81	-	-	-	-	-	31	360	-
15- 72	EI DUPONT REPAUNO 3	24AUG82	53	4.2	13	7.4	8.2	110	31	0.2
15- 76	HERCULES CHEM 4-1970	15SEP80	42	2.3	9.6	11	8.6	16	35	-
15- 76	HERCULES CHEM 4-1970	29JUL81	-	-	-	-	-	15	37	-
15- 76	HERCULES CHEM 4-1970	18NOV82	76	1.9	16	17	10	16	12	0.2
15- 79	EI DUPONT REPAUNO 6	21DEC70	68	4.3	10	5.5	9.9	113	30	0.0
15- 79	EI DUPONT REPAUNO 6	28MAR75	92	3.8	12	7.1	8.9	160	22	-
15- 79	EI DUPONT REPAUNO 6	13MAY76	68	3.7	8.8	5.3	8.9	110	25	0.1
15- 79	EI DUPONT REPAUNO 6	12SEP80	65	4.0	12	7.1	8.7	97	45	-
15- 79	EI DUPONT REPAUNO 6	24AUG82	62	3.5	15	7.5	8.5	94	65	0.1
15- 81	EI DUPONT REPAUNO 5	15AUG67	10	2.6	5.6	6.4	12	19	26	0.0
15- 81	EI DUPONT REPAUNO 5	13MAY76	45	3.1	7.0	5.3	6.1	63	27	<0.1
15- 81	EI DUPONT REPAUNO 5	12SEP80	51	3.5	9.9	6.2	6.8	72	44	-
15- 81	EI DUPONT REPAUNO 5	29JUL81	-	-	-	-	-	66	80	-
15- 81	EI DUPONT REPAUNO 5	24AUG82	26	2.2	6.6	6.3	7.4	39	35	<0.1
15- 82	EI DUPONT REPAUNO 1 (O)	20AUG51	54	2.9	7.8	5.0	10	96	12	0.0
15- 84	HERCULES CHEM GIBBSTWN 2	14AUG67	16	2.2	10	7.2	11	16	45	0.0
15- 89	HERCULES CHEM GIBBSTWN 1	14AUG67	27	2.6	15	13	8.4	20	63	0.2
15- 93	MOBIL OIL-GREENWICH 46	09JUL51	195	3.2	12	7.2	12	14	465	0.3
15- 94	MOBIL OIL-GREENWICH 44	14AUG67	40	5.0	17	8.8	12	30	149	0.4
15- 94	MOBIL OIL-GREENWICH 44	17SEP80	78	4.3	16	7.6	8.0	45	190	-

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Total Iron (ug/L)	Diss. Iron (ug/L)	Total Manganese (ug/L)	Diss. Manganese (ug/L)	Diss. Organic Carbon	Dissolved Solids: Residue at 180°C	Dissolved Solids: Sum of Constituents
7-573	USGS-GLOUC CTY CG BASE 2	26JUN75	4200	4200	240	230	2.2	108	103
7-573	USGS-GLOUC CTY CG BASE 2	29APR76	3700	3700	230	260	1.7	110	114
7-573	USGS-GLOUC CTY CG BASE 2	23JUL80	-	7200	-	360	3.2	108	120
7-573	USGS-GLOUC CTY CG BASE 2	05JAN83	-	7200	-	290	-	117	123
7-574	USGS-GLOUC CTY CG BASE 3	23JUL80	-	2500	-	34	2.1	194	178
7-574	USGS-GLOUC CTY CG BASE 3	05JAN83	-	2200	-	39	-	173	133
7-575	BELL SUPPLY CO 1	25AUG80	-	91	-	37	1.1	52	64
7-586	CAMDEN CITY WD-MORRIS 12	27JUL81	-	8100	-	1700	-	-	-
7-586	CAMDEN CITY WD-MORRIS 12	13JUL82	-	6200	-	1000	2.0	137	-
7-586	CAMDEN CITY WD-MORRIS 12	03JAN83	-	6500	-	1100	-	144	128
7-587	CAMDEN CITY WD-MORRIS 13	27JUL81	-	5800	-	1200	-	-	-
7-587	CAMDEN CITY WD-MORRIS 13	03JAN83	-	5400	-	1200	-	128	131
15- 1	CLAYTON BORO WD 3	30JUL57	500	-	10	-	-	543	538
15- 1	CLAYTON BORO WD 3	24SEP57	-	-	-	-	-	-	-
15- 1	CLAYTON BORO WD 3	19NOV58	-	-	-	-	-	559	557
15- 1	CLAYTON BORO WD 3	09DEC58	190	-	0	-	-	587	546
15- 1	CLAYTON BORO WD 3	13JUL67	950	-	150	-	-	568	560
15- 1	CLAYTON BORO WD 3	21SEP72	-	90	-	10	-	570	578
15- 1	CLAYTON BORO WD 3	17SEP82	-	13	-	2	1.6	586	613
15- 3	CLAYTON BORO WD 4	17SEP82	-	40	-	1	0.7	493	545
15- 7	WOODBURY CTY WD-SEWELL 2	25APR51	30	-	10	-	-	234	227
15- 8	WOODBURY CTY WD-SEWEL 2A	27AUG80	-	-	-	-	1.6	241	-
15- 8	WOODBURY CTY WD-SEWEL 2A	17OCT80	-	260	-	6	1.7	231	219
15- 9	DEPTFORD TWP MUA 5-1971	02SEP80	-	160	-	7	0.9	140	134
15- 11	DEPTFORD TWP MUA 2	17AUG67	80	-	0	-	-	173	180
15- 16	DEPTFORD TWP MUA 1	17AUG67	140	-	0	-	-	160	155
15- 16	DEPTFORD TWP MUA 1	02SEP80	-	51	-	6	0.8	173	169
15- 16	DEPTFORD TWP MUA 1	28DEC82	-	4	-	4	1.2	171	159
15- 24	DEPTFORD TWP MUA 4	02SEP80	-	24	-	9	1.1	140	133
15- 28	E GREENWICH TWP WD 2	13JUL67	1200	-	40	-	-	375	353
15- 28	E GREENWICH TWP WD 2	05SEP80	-	160	-	6	1.6	280	276
15- 29	E GREENWICH TWP WD 1	07MAY51	240	-	0	-	-	313	304
15- 60	GLASSBORO BORO WD 3	17JUL67	170	-	0	-	-	417	394
15- 60	GLASSBORO BORO WD 3	17AUG82	-	15	-	1	1.1	446	412
15- 62	GLASSBORO BORO WD 2	19NOV58	-	-	-	-	-	315	297
15- 62	GLASSBORO BORO WD 2	09DEC58	70	-	0	-	-	345	310
15- 62	GLASSBORO BORO WD 2	17JUL67	300	-	80	-	-	319	300
15- 63	GLASSBORO BORO WD 4	17JUL67	500	-	160	-	-	313	300
15- 63	GLASSBORO BORO WD 4	17AUG82	-	27	-	1	1.9	352	331
15- 65	GREENWICH TWP WD 2	13JUL67	260	-	80	-	-	94	89
15- 69	GREENWICH TWP WD 3	13JUL67	1500	-	400	-	-	72	64
15- 69	GREENWICH TWP WD 3	18SEP80	-	4100	-	290	1.2	63	77
15- 69	GREENWICH TWP WD 3	22SEP82	-	5200	-	300	0.8	85	85
15- 70	GREENWICH TWP WD 1	14AUG67	40	-	100	-	-	165	136
15- 72	EI DUPONT REPAUNO 3	15SEP52	420	-	-	-	-	-	-
15- 72	EI DUPONT REPAUNO 3	15AUG67	110	-	210	-	-	284	265
15- 72	EI DUPONT REPAUNO 3	22SEP72	-	290	-	100	-	266	269
15- 72	EI DUPONT REPAUNO 3	13MAY76	-	100	110	110	0.2	259	223
15- 72	EI DUPONT REPAUNO 3	12SEP80	-	340	-	140	0.8	140	128
15- 72	EI DUPONT REPAUNO 3	29JUL81	-	-	-	-	-	-	-
15- 72	EI DUPONT REPAUNO 3	24AUG82	-	47	-	160	1.0	275	270
15- 76	HERCULES CHEM 4-1970	15SEP80	-	27000	-	350	21	190	242
15- 76	HERCULES CHEM 4-1970	29JUL81	-	-	-	-	-	-	-
15- 76	HERCULES CHEM 4-1970	18NOV82	-	56000	-	380	44	336	398
15- 79	EI DUPONT REPAUNO 6	21DEC70	-	70	-	140	-	250	251
15- 79	EI DUPONT REPAUNO 6	28MAR75	120	50	180	180	-	333	312
15- 79	EI DUPONT REPAUNO 6	13MAY76	190	170	-	140	0.3	245	238
15- 79	EI DUPONT REPAUNO 6	12SEP80	-	29	-	180	1.2	280	327
15- 79	EI DUPONT REPAUNO 6	24AUG82	-	38	-	330	1.1	318	265
15- 81	EI DUPONT REPAUNO 5	15AUG67	300	-	50	-	-	99	93
15- 81	EI DUPONT REPAUNO 5	13MAY76	2000	1700	140	140	2.0	180	177
15- 81	EI DUPONT REPAUNO 5	12SEP80	-	780	-	220	3.1	220	213
15- 81	EI DUPONT REPAUNO 5	29JUL81	-	-	-	-	-	-	-
15- 81	EI DUPONT REPAUNO 5	24AUG82	-	640	-	170	2.1	137	137
15- 82	EI DUPONT REPAUNO 1 (O)	20AUG51	150	-	140	-	-	208	197
15- 84	HERCULES CHEM GIBBSTWN 2	14AUG67	4300	-	350	-	-	141	126
15- 89	HERCULES CHEM GIBBSTWN 1	14AUG67	6400	-	450	-	-	205	189
15- 93	MOBIL OIL-GREENWICH 46	09JUL51	1000	-	500	-	-	738	727
15- 94	MOBIL OIL-GREENWICH 44	14AUG67	470	-	910	-	-	304	275
15- 94	MOBIL OIL-GREENWICH 44	17SEP80	-	16000	-	1000	9.8	435	384

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Temperature (°C)	Specific Conductance (micromhos) Field	Specific Conductance (micromhos) Lab	pH (Units) Field	pH (Units) Lab	Alkalinity (As CaCO3) Field	Alkalinity (As CaCO3) Lab	Dissolved Oxygen	Hardness (As CaCO3) Total	Hardness (As CaCO3) Noncarbonate
15- 96	HERCULES CHEM-GIBB OBS 2	06DEC82	13.0	580	586	4.5	5.7	0	-	0.3	40	40
15- 97	HERCULES CHEM GIBB 8 OBS	03NOV82	15.0	450	455	6.1	5.7	42	-	0.4	58	16
15- 98	MOBIL OIL-GREENWICH 45	14AUG67	14.0	-	683	-	6.3	-	-	-	28	0
15- 98	MOBIL OIL-GREENWICH 45	17SEP80	14.0	2420	-	5.1	-	14	-	-	95	81
15- 98	MOBIL OIL-GREENWICH 45	11AUG82	-	2100	2090	5.2	4.8	18	-	0.1	90	72
15-101	MOBIL OIL-GREENWICH 40	09JUL51	15.0	-	1060	-	4.6	-	1	-	120	120
15-101	MOBIL OIL-GREENWICH 40	14AUG67	16.0	-	733	-	4.0	-	-	-	99	100
15-102	EI DUPONT REPAUNO 20	15SEP52	15.0	-	3410	-	3.4	-	0	-	320	320
15-102	EI DUPONT REPAUNO 20	15AUG67	14.5	-	1980	-	3.8	-	-	-	230	234
15-102	EI DUPONT REPAUNO 20	21DEC70	14.0	-	1850	-	3.8	-	-	-	220	219
15-103	EI DUPONT REPAUNO H	01JUN49	-	-	-	-	5.2	-	-	-	84	64
15-103	EI DUPONT REPAUNO H	20AUG51	-	-	796	-	7.2	-	14	-	68	54
15-104	EI DUPONT REPAUNO J	01JUN49	-	-	-	-	3.2	-	-	-	-	-
15-107	EI DUPONT REPAUNO C	01JUN49	-	-	-	-	2.8	-	-	-	-	-
15-109	MOBIL OIL-GREENWICH 41	14AUG67	15.0	-	722	-	5.4	-	-	-	81	63
15-109	MOBIL OIL-GREENWICH 41	22SEP72	15.5	-	734	-	6.5	-	16	-	90	74
15-109	MOBIL OIL-GREENWICH 41	11AUG82	16.5	750	807	5.5	5.5	46	-	0.2	120	76
15-118	MOBIL OIL-GREENWICH 47	14AUG67	15.0	-	1140	-	3.6	-	-	-	130	134
15-118	MOBIL OIL-GREENWICH 47	22SEP72	15.0	-	583	-	7.7	-	44	-	28	0
15-118	MOBIL OIL-GREENWICH 47	17SEP80	15.0	490	-	6.1	-	43	-	-	28	0
15-118	MOBIL OIL-GREENWICH 47	11AUG82	-	440	476	6.1	6.2	41	-	0.2	28	0
15-129	SO JERSEY WS CO 1	09NOV58	15.0	-	935	-	8.1	-	265	-	34	0
15-129	SO JERSEY WS CO 1	09DEC58	14.5	-	923	-	7.9	-	261	-	34	0
15-129	SO JERSEY WS CO 1	27OCT80	15.0	922	-	8.2	8.2	266	-	-	33	0
15-129	SO JERSEY WS CO 1	22SEP82	15.0	950	999	8.2	7.4	260	-	0.2	37	0
15-130	SO JERSEY WS CO 3	22DEC70	15.0	-	948	-	8.0	-	292	-	35	0
15-131	CLEARVIEW HIGH SCHOOL 1	18SEP80	18.0	672	-	8.3	-	238	-	-	26	0
15-137	PURELAND WC 2 (3-1973)	26SEP80	14.0	206	-	6.2	-	62	-	-	32	0
15-138	MUSUMECI, FRANK	29MAY57	15.5	-	339	-	4.6	-	1	-	120	120
15-139	PURELAND WC TW 3	26SEP80	14.0	2930	-	7.4	-	168	-	-	110	0
15-143	PURELAND WC LANDTEC TW6C	30SEP80	14.5	83	-	5.4	-	4	-	-	22	18
15-144	PURELAND WC 1-1973	26SEP80	13.0	158	-	5.8	-	14	-	-	7	0
15-146	PURELAND WC LANDTECT TW9	01OCT80	13.5	428	-	5.5	-	9	-	-	73	64
15-158	MONSANTO CHEM WEST 2	19OCT82	14.0	1030	1100	6.5	6.1	100	-	-	61	0
15-159	MONSANTO CHEM EAST 1	23SEP80	14.0	1320	-	6.5	-	78	-	-	60	0
15-159	MONSANTO CHEM EAST 1	19OCT82	13.5	1150	1340	6.4	6.2	85	-	-	65	0
15-161	MONSANTO CHEM OBS 1	25JUN75	13.0	-	115	6.1	-	-	17	-	17	0
15-161	MONSANTO CHEM OBS 1	07JUL76	13.0	131	-	6.1	-	-	18	-	16	0
15-161	MONSANTO CHEM OBS 1	20OCT82	13.5	127	76	6.5	5.9	57	19	0.3	16	0
15-163	MONSANTO CHEM OBS 3	28OCT82	14.5	980	877	6.7	6.6	250	-	0.5	87	0
15-165	PENNS GROVE WC-BRIDGPT 1	19MAY51	-	-	134	-	6.5	-	10	-	40	30
15-165	PENNS GROVE WC-BRIDGPT 1	12JUL67	14.5	-	312	-	6.5	-	-	-	84	80
15-165	PENNS GROVE WC-BRIDGPT 1	20SEP73	13.5	-	188	-	5.1	-	2	-	52	49
15-166	PENNS GROVE WC-BRIDGPT 2	12JUL67	14.5	-	167	-	6.1	-	-	-	50	47
15-166	PENNS GROVE WC-BRIDGPT 2	22SEP72	14.5	-	182	-	6.1	-	2	-	60	58
15-166	PENNS GROVE WC-BRIDGPT 2	16SEP80	14.5	186	-	5.1	-	3	-	-	49	46
15-166	PENNS GROVE WC-BRIDGPT 2	22DEC82	13.5	200	178	4.7	5.2	2	-	7.5	52	50
15-167	MONSANTO CHEM 3	23SEP80	14.0	678	-	6.3	-	48	-	-	39	0
15-167	MONSANTO CHEM 3	19OCT82	13.0	635	612	6.4	6.6	47	-	-	40	0
15-189	MANTUA MUA 2 (SEWELL 1)	04AUG80	18.0	403	-	7.9	-	168	-	-	24	0
15-191	MANTUA MUA 1 (SEWELL 2)	04AUG80	15.0	403	-	7.9	-	164	-	-	24	0
15-192	MANTUA MUA 5 (EDENWD 1)	15AUG67	15.0	-	438	-	7.9	-	-	-	26	0
15-192	MANTUA MUA 5 (EDENWD 1)	11SEP80	17.5	490	-	8.2	-	189	-	-	30	0
15-192	MANTUA MUA 5 (EDENWD 1)	04JAN83	15.0	450	486	8.3	7.8	200	-	0.3	31	0
15-193	MANTUA MUA 3 (MANT WC 2)	17JUL67	14.5	-	391	-	8.5	-	-	-	30	0
15-193	MANTUA MUA 3 (MANT WC 2)	04AUG80	15.0	403	-	7.8	-	167	-	-	27	0
15-193	MANTUA MUA 3 (MANT WC 2)	04JAN83	15.0	410	412	8.3	7.8	170	-	0.3	28	0
15-194	MANTUA MUA 4 (MANT WC3)	04AUG80	15.5	432	-	7.8	-	160	-	-	30	0
15-194	MANTUA MUA 4 (MANT WC3)	04JAN83	11.0	505	489	8.2	7.7	190	-	0.3	30	0
15-206	NATIONAL PARK BORO WD 1	25APR51	14.5	-	175	-	5.8	-	6	-	39	33
15-206	NATIONAL PARK BORO WD 1	29AUG66	13.5	-	392	-	4.8	-	-	-	57	55
15-207	NATIONAL PARK BORO WD 2	29AUG66	13.5	-	318	-	7.8	-	-	-	25	0
15-207	NATIONAL PARK BORO WD 2	13JUL67	13.5	-	312	-	8.0	-	-	-	22	0
15-207	NATIONAL PARK BORO WD 2	18MAY71	13.5	-	316	-	6.5	-	-	-	31	0
15-207	NATIONAL PARK BORO WD 2	09SEP80	14.0	321	-	7.1	-	106	-	-	42	0
15-210	PAULSBORO WD 6-73	11SEP80	15.0	261	-	6.0	-	18	-	-	31	13
15-210	PAULSBORO WD 6-73	30NOV82	14.5	251	233	6.0	5.6	28	-	0.2	32	4
15-212	PAULSBORO WD 4-51	14AUG67	17.0	-	855	-	7.6	-	-	-	28	0
15-212	PAULSBORO WD 4-51	11SEP80	15.0	146	-	4.8	-	1	-	-	25	24
15-212	PAULSBORO WD 4-51	30NOV82	14.5	249	249	6.7	6.7	48	-	1.3	39	0

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Diss. Sodium	Diss. Potassium	Diss. Calcium	Diss. Magnesium	Diss. Silica	Diss. Chloride	Diss. Sulfate	Diss. Fluoride
15- 96	HERCULES CHEM-GIBB OBS 2	06DEC82	53	2.8	7.9	4.9	13	79	53	<0.1
15- 97	HERCULES CHEM GIBB 8 OBS	03NOV82	57	3.6	15	4.9	16	120	4.0	<0.1
15- 98	MOBIL OIL-GREENWICH 45	14AUG67	127	3.2	7.6	2.2	9.1	176	12	0.0
15- 98	MOBIL OIL-GREENWICH 45	17SEP80	380	5.0	18	12	9.7	110	770	-
15- 98	MOBIL OIL-GREENWICH 45	11AUG82	350	3.8	18	11	8.7	120	750	0.4
15-101	MOBIL OIL-GREENWICH 40	09JUL51	152	3.2	30	11	12	242	112	0.3
15-101	MOBIL OIL-GREENWICH 40	14AUG67	80	5.5	20	12	11	59	235	0.4
15-102	EI DUPONT REPAUNO 20	15SEP52	-	-	-	-	-	307	124	-
15-102	EI DUPONT REPAUNO 20	15AUG67	260	10	44	30	25	140	700	0.6
15-102	EI DUPONT REPAUNO 20	21DEC70	220	7.4	48	24	38	128	589	1.4
15-103	EI DUPONT REPAUNO H	01JUN49	-	-	-	-	2.8	195	63	-
15-103	EI DUPONT REPAUNO H	20AUG51	137	3.5	15	7.4	14	184	82	0.1
15-104	EI DUPONT REPAUNO J	01JUN49	-	-	-	-	7.8	317	1240	-
15-107	EI DUPONT REPAUNO C	01JUN49	-	-	-	-	22	54	1700	-
15-109	MOBIL OIL-GREENWICH 41	14AUG67	106	4.7	19	8.2	10	125	126	0.0
15-109	MOBIL OIL-GREENWICH 41	22SEP72	100	4.4	21	9.2	8.8	110	160	0.6
15-109	MOBIL OIL-GREENWICH 41	11AUG82	91	4.0	29	12	10	100	200	0.5
15-118	MOBIL OIL-GREENWICH 47	14AUG67	150	6.3	24	18	10	109	362	0.4
15-118	MOBIL OIL-GREENWICH 47	22SEP72	100	2.5	8.0	2.0	8.8	150	11	0.2
15-118	MOBIL OIL-GREENWICH 47	17SEP80	81	2.4	7.4	2.1	9.4	110	10	-
15-118	MOBIL OIL-GREENWICH 47	11AUG82	73	1.7	7.6	2.1	9.4	110	13	0.2
15-129	SO JERSEY WS CO 1	09NOV58	200	8.8	9.2	2.7	9.8	136	4.4	1.3
15-129	SO JERSEY WS CO 1	09DEC58	188	8.5	9.7	2.2	9.9	134	4.4	1.3
15-129	SO JERSEY WS CO 1	27OCT80	230	8.6	8.6	2.7	8.8	160	4.7	-
15-129	SO JERSEY WS CO 1	22SEP82	240	8.3	9.6	3.1	8.7	170	5.0	1.3
15-130	SO JERSEY WS CO 3	22DEC70	204	9.4	8.4	3.1	9.8	145	4.0	1.3
15-131	CLEARVIEW HIGH SCHOOL 1	18SEP80	160	7.6	6.6	2.1	9.2	77	3.0	-
15-137	PURELAND WC 2 (3-1973)	26SEP80	22	3.5	8.1	2.8	13	17	17	-
15-138	MUSUMECI, FRANK	29MAY57	4.8	5.2	36	7.4	7.3	19	63	0.2
15-139	PURELAND WC TW 3	26SEP80	660	11	29	8.9	9.0	810	9.6	-
15-143	PURELAND WC LANDTEC TW6C	30SEP80	3.4	1.7	4.6	2.4	8.6	7.4	0.6	-
15-144	PURELAND WC 1-1973	26SEP80	25	1.1	1.6	0.6	8.8	34	4.3	-
15-146	PURELAND WC LANDTECT TW9	01OCT80	45	5.1	15	8.5	8.9	81	46	-
15-158	MONSANTO CHEM WEST 2	19OCT82	210	3.0	13	6.9	15	290	14	0.1
15-159	MONSANTO CHEM EAST 1	23SEP80	230	5.0	14	5.9	18	360	5.0	-
15-159	MONSANTO CHEM EAST 1	19OCT82	200	4.1	15	6.8	18	290	19	0.1
15-161	MONSANTO CHEM OBS 1	25JUN75	5.2	1.1	3.7	2.0	21	7.2	0.1	0.0
15-161	MONSANTO CHEM OBS 1	07JUL76	5.2	1.2	3.3	1.9	21	7.8	1.2	0.1
15-161	MONSANTO CHEM OBS 1	20OCT82	4.8	1.0	3.3	1.8	21	7.8	<5.0	<0.1
15-163	MONSANTO CHEM OBS 3	28OCT82	120	5.4	20	8.9	35	140	3.0	0.3
15-165	PENNS GROVE WC-BRIDGPT 1	19MAY51	6.8	1.0	8.4	4.6	13	9.5	23	0.1
15-165	PENNS GROVE WC-BRIDGPT 1	12JUL67	18	5.5	17	10	10	20	43	0.1
15-165	PENNS GROVE WC-BRIDGPT 1	20SEP73	8.5	4.1	-	-	8.5	14	26	-
15-166	PENNS GROVE WC-BRIDGPT 2	12JUL67	6.2	2.9	8.5	7.0	8.4	10	24	0.1
15-166	PENNS GROVE WC-BRIDGPT 2	22SEP72	8.3	3.9	12	7.2	8.5	13	27	0.1
15-166	PENNS GROVE WC-BRIDGPT 2	16SEP80	9.1	4.0	8.7	6.7	8.7	13	28	-
15-166	PENNS GROVE WC-BRIDGPT 2	22DEC82	11	3.9	9.1	7.1	8.4	14	29	<0.1
15-167	MONSANTO CHEM 3	23SEP80	93	2.7	9.2	3.8	25	180	1.6	-
15-167	MONSANTO CHEM 3	19OCT82	110	2.0	9.6	3.8	25	170	3.0	<0.1
15-189	MANTUA MUA 2 (SEWELL 1)	04AUG80	91	5.8	6.1	2.0	8.9	26	3.1	-
15-191	MANTUA MUA 1 (SEWELL 2)	04AUG80	89	5.8	6.2	2.0	8.8	26	3.8	-
15-192	MANTUA MUA 5 (EDENWD 1)	15AUG67	92	6.7	7.0	2.0	8.0	30	5.5	1.6
15-192	MANTUA MUA 5 (EDENWD 1)	11SEP80	96	6.4	7.9	2.3	9.2	42	5.3	-
15-192	MANTUA MUA 5 (EDENWD 1)	04JAN83	110	5.6	8.3	2.4	8.8	41	4.0	1.4
15-193	MANTUA MUA 3 (MANT WC 2)	17JUL67	82	5.5	8.5	2.2	9.8	26	6.1	2.0
15-193	MANTUA MUA 3 (MANT WC 2)	04AUG80	90	5.9	7.1	2.2	8.6	31	3.9	-
15-193	MANTUA MUA 3 (MANT WC 2)	04JAN83	73	5.1	7.7	2.2	8.9	30	4.0	1.9
15-194	MANTUA MUA 4 (MANT WC3)	04AUG80	91	5.9	7.9	2.3	8.5	40	3.8	-
15-194	MANTUA MUA 4 (MANT WC3)	04JAN83	110	5.6	8.4	2.3	8.5	42	3.0	1.5
15-206	NATIONAL PARK BORO WD 1	25APR51	14	4.2	6.0	5.8	7.4	21	25	0.0
15-206	NATIONAL PARK BORO WD 1	29AUG66	42	4.2	4.5	11	5.5	95	23	0.0
15-207	NATIONAL PARK BORO WD 2	29AUG66	57	3.8	6.5	2.2	9.8	37	8.8	1.0
15-207	NATIONAL PARK BORO WD 2	13JUL67	60	3.2	6.5	1.5	11	34	8.4	0.8
15-207	NATIONAL PARK BORO WD 2	18MAY71	53	4.5	8.5	2.3	10	30	8.8	0.8
15-207	NATIONAL PARK BORO WD 2	09SEP80	44	4.6	12	2.7	13	28	10	-
15-210	PAULSBORO WD 6-73	11SEP80	29	3.0	6.3	3.6	10	34	44	-
15-210	PAULSBORO WD 6-73	30NOV82	30	2.8	6.8	3.6	9.7	31	36	0.2
15-212	PAULSBORO WD 4-51	14AUG67	172	5.0	8.1	2.0	9.1	170	27	2.5
15-212	PAULSBORO WD 4-51	11SEP80	9.7	2.2	5.5	2.7	9.5	13	37	-
15-212	PAULSBORO WD 4-51	30NOV82	37	1.6	14	0.9	9.1	24	39	<0.1

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Total Iron (ug/L)	Diss. Iron (ug/L)	Total Manganese (ug/L)	Diss. Manganese (ug/L)	Diss. Organic Carbon	Dissolved Solids Residue at 180°C	Dissolved Solids Sum of Constituents
15- 96	HERCULES CHEM-GIBB OBS 2	06DEC82	-	930	-	190	1.4	231	215
15- 97	HERCULES CHEM GIBB 8 OBS	03NOV82	-	16000	-	350	1.3	272	262
15- 98	MOBIL OIL-GREENWICH 45	14AUG67	1200	-	0	-	-	367	367
15- 98	MOBIL OIL-GREENWICH 45	17SEP80	-	42000	-	2300	10	1380	1360
15- 98	MOBIL OIL-GREENWICH 45	11AUG82	-	31000	-	2300	12	-	1318
15-101	MOBIL OIL-GREENWICH 40	09JUL51	10	-	300	-	-	556	553
15-101	MOBIL OIL-GREENWICH 40	14AUG67	5900	-	1700	-	-	476	437
15-102	EI DUPONT REPAUNO 20	15SEP52	45000	-	-	-	-	-	-
15-102	EI DUPONT REPAUNO 20	15AUG67	5800	-	11000	-	-	1460	1460
15-102	EI DUPONT REPAUNO 20	21DEC70	-	10000	-	9200	-	1280	1060
15-103	EI DUPONT REPAUNO H	01JUN49	18000	-	480	-	-	-	-
15-103	EI DUPONT REPAUNO H	20AUG51	3300	-	400	-	-	470	467
15-104	EI DUPONT REPAUNO J	01JUN49	25200	-	18200	-	-	-	-
15-107	EI DUPONT REPAUNO C	01JUN49	171000	-	6200	-	-	-	-
15-109	MOBIL OIL-GREENWICH 41	14AUG67	2900	-	600	-	-	439	411
15-109	MOBIL OIL-GREENWICH 41	22SEP72	-	9600	-	900	-	438	428
15-109	MOBIL OIL-GREENWICH 41	11AUG82	-	32000	-	1100	14	484	510
15-118	MOBIL OIL-GREENWICH 47	14AUG67	6000	-	2400	-	-	730	696
15-118	MOBIL OIL-GREENWICH 47	22SEP72	-	1000	-	40	-	310	309
15-118	MOBIL OIL-GREENWICH 47	17SEP80	-	1100	-	45	0.7	270	250
15-118	MOBIL OIL-GREENWICH 47	11AUG82	-	1400	-	48	1.0	235	219
15-129	SO JERSEY WS CO 1	09NOV58	100	10	0	0	-	538	532
15-129	SO JERSEY WS CO 1	09DEC58	100	20	0	0	-	567	518
15-129	SO JERSEY WS CO 1	27OCT80	-	64	-	2	2.4	578	584
15-129	SO JERSEY WS CO 1	22SEP82	-	26	-	2	1.3	567	602
15-130	SO JERSEY WS CO 3	22DEC70	-	50	-	<4	-	536	562
15-131	CLEARVIEW HIGH SCHOOL 1	18SEP80	-	56	-	3	1.4	393	409
15-137	PURELAND WC 2 (3-1973)	26SEP80	-	8700	-	63	0.9	118	130
15-138	MUSUMECI, FRANK	29MAY57	520	-	90	-	-	212	185
15-139	PURELAND WC TW 3	26SEP80	-	4600	-	39	0.8	1510	1650
15-143	PURELAND WC LANDTEC TW6C	30SEP80	-	48	-	21	0.4	68	58
15-144	PURELAND WC 1-1973	26SEP80	-	2400	-	26	0.4	87	88
15-146	PURELAND WC LANDTECT TW9	010CT80	-	2400	-	500	2.6	238	231
15-158	MONSANTO CHEM WEST 2	19OCT82	-	15000	-	820	2.1	540	628
15-159	MONSANTO CHEM EAST 1	23SEP80	-	26	-	570	0.7	702	687
15-159	MONSANTO CHEM EAST 1	19OCT82	-	23000	-	530	0.8	566	628
15-161	MONSANTO CHEM OBS 1	25JUN75	22000	21000	280	280	4.7	80	72
15-161	MONSANTO CHEM OBS 1	07JUL76	20000	20000	250	250	3.2	85	73
15-161	MONSANTO CHEM OBS 1	20OCT82	-	21000	-	260	-	55	118
15-163	MONSANTO CHEM OBS 3	28OCT82	-	39000	-	980	3.4	430	523
15-165	PENNS GROVE WC-BRIDGPT 1	19MAY51	210	-	230	-	-	82	73
15-165	PENNS GROVE WC-BRIDGPT 1	12JUL67	1600	-	200	-	-	205	185
15-165	PENNS GROVE WC-BRIDGPT 1	20SEP73	-	-	-	-	-	116	115
15-166	PENNS GROVE WC-BRIDGPT 2	12JUL67	350	-	0	-	-	120	103
15-166	PENNS GROVE WC-BRIDGPT 2	22SEP72	-	120	-	20	-	114	116
15-166	PENNS GROVE WC-BRIDGPT 2	16SEP80	-	19	-	30	0.7	128	117
15-166	PENNS GROVE WC-BRIDGPT 2	22DEC82	-	15	-	28	0.8	129	84
15-167	MONSANTO CHEM 3	23SEP80	-	19	-	390	4.9	401	345
15-167	MONSANTO CHEM 3	19OCT82	-	17000	-	330	2.2	373	369
15-189	MANTUA MUA 2 (SEWELL 1)	04AUG80	-	13	-	4	1.0	238	245
15-191	MANTUA MUA 1 (SEWELL 2)	04AUG80	-	71	-	4	0.9	236	241
15-192	MANTUA MUA 5 (EDENWD 1)	15AUG67	120	-	100	-	-	276	265
15-192	MANTUA MUA 5 (EDENWD 1)	11SEP80	-	5	-	3	1.1	286	284
15-192	MANTUA MUA 5 (EDENWD 1)	04JAN83	-	<3	-	4	1.3	275	302
15-193	MANTUA MUA 3 (MANT WC 2)	17JUL67	90	-	100	-	-	241	242
15-193	MANTUA MUA 3 (MANT WC 2)	04AUG80	-	82	-	4	0.6	243	250
15-193	MANTUA MUA 3 (MANT WC 2)	04JAN83	-	170	-	5	1.3	250	235
15-194	MANTUA MUA 4 (MANT WC3)	04AUG80	-	59	-	6	0.7	250	257
15-194	MANTUA MUA 4 (MANT WC3)	04JAN83	-	<3	-	3	1.5	286	296
15-206	NATIONAL PARK BORO WD 1	25APR51	420	-	500	-	-	111	107
15-206	NATIONAL PARK BORO WD 1	29AUG66	4800	-	500	-	-	210	186
15-207	NATIONAL PARK BORO WD 2	29AUG66	530	-	20	-	-	191	186
15-207	NATIONAL PARK BORO WD 2	13JUL67	90	-	50	-	-	187	185
15-207	NATIONAL PARK BORO WD 2	18MAY71	-	780	-	30	-	178	167
15-207	NATIONAL PARK BORO WD 2	09SEP80	-	1700	-	43	1.6	190	181
15-210	PAULSBORO WD 6-73	11SEP80	-	8	-	110	0.8	137	141
15-210	PAULSBORO WD 6-73	30NOV82	-	8200	-	110	1.0	152	145
15-212	PAULSBORO WD 4-51	14AUG67	600	-	0	-	-	479	479
15-212	PAULSBORO WD 4-51	11SEP80	-	3	-	49	0.3	78	81
15-212	PAULSBORO WD 4-51	30NOV82	-	64	-	16	0.8	152	155

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Temperature (°C)	Specific Conductance (micromhos) Field	Specific Conductance (micromhos) Lab	pH (Units) Field	pH (Units) Lab	Alkalinity (As CaCO3) Field	Alkalinity (As CaCO3) Lab	Dissolved Oxygen	Hardness (As CaCO3) Total	Hardness (As CaCO3) Noncarbonate
15-213	PAULSBORO WD 5-57	14AUG67	14.5	-	365	-	3.8	-	-	-	55	55
15-213	PAULSBORO WD 5-57	11SEP80	16.0	235	-	4.5	-	0	-	-	45	45
15-215	PAULSBORO BORO WD 2	11APR51	14.0	-	196	-	4.5	-	0	-	45	45
15-215	PAULSBORO BORO WD 2	12JUL67	14.5	-	235	-	4.8	-	-	-	58	57
15-216	PAULSBORO BORO WD 3	11APR51	13.5	-	342	-	4.5	-	0	-	29	29
15-216	PAULSBORO BORO WD 3	12JUL67	14.5	-	153	-	5.1	-	-	-	27	25
15-218	MOBIL OIL-GREENWICH 33	15SEP52	-	-	418	-	5.9	-	21	-	39	11
15-220	ESSEX CHEM-OLIN 1-1954	14AUG67	14.0	-	125	-	4.2	-	-	-	14	14
15-220	ESSEX CHEM-OLIN 1-1954	13OCT81	-	1100	1080	6.9	7.0	-	-	-	79	-
15-224	PITMAN BORO WD PG1	19NOV58	-	-	461	-	8.4	-	206	-	10	0
15-224	PITMAN BORO WD PG1	17JUL67	15.5	-	562	-	8.7	-	-	-	14	0
15-225	PITMAN BORO WD P1	07MAY51	16.5	-	523	-	8.2	-	225	-	15	0
15-225	PITMAN BORO WD P1	09DEC58	16.0	-	438	-	8.0	-	200	-	11	0
15-225	PITMAN BORO WD P1	17JUL67	17.0	-	457	-	8.5	-	-	-	14	0
15-226	PITMAN BORO WD P2	17APR51	17.0	-	449	-	8.1	-	195	-	14	0
15-226	PITMAN BORO WD P2	17JUL67	15.0	-	449	-	8.5	-	-	-	13	0
15-231	MARINO, H	20OCT80	14.0	205	-	6.5	3.3	30	-	-	33	3
15-236	SWEDESBORO BORO WD 3	10SEP80	15.5	384	-	7.2	-	106	-	-	72	0
15-237	SWEDESBORO BORO WD 1	07MAY51	14.0	-	367	-	7.4	-	97	-	78	0
15-237	SWEDESBORO BORO WD 1	13JUL67	14.0	-	192	-	8.2	-	85	-	68	0
15-240	DEL MONTE CORP 9	17SEP70	15.0	-	338	-	7.8	-	-	-	61	0
15-240	DEL MONTE CORP 9	10SEP80	22.0	365	-	7.6	-	114	-	-	63	0
15-243	DEL MONTE CORP 4	11APR69	15.0	-	602	-	7.1	-	81	-	71	0
15-248	WASHINGTON TWP MUA 5-73	18AUG82	19.0	378	389	8.3	8.1	188	-	0.2	9	0
15-253	WASHINGTON TWP MUA 6-64	15AUG67	18.5	-	278	-	7.9	-	-	-	15	0
15-253	WASHINGTON TWP MUA 6-64	18AUG82	19.0	292	298	8.2	7.9	150	-	0.2	15	0
15-261	WASHINGTON TWP MUA 1	17AUG67	17.0	-	237	-	7.8	-	-	-	21	0
15-261	WASHINGTON TWP MUA 1	13AUG82	19.0	242	252	8.1	8.1	120	-	-	21	0
15-265	WASHINGTON TWP MUA 2	17AUG67	18.5	-	233	-	7.7	-	-	-	20	0
15-267	WASHINGTON TWP MUA 3	13AUG82	18.5	242	250	8.1	8.0	120	-	-	23	0
15-274	WENONAH BORO WD 1	17APR51	10.5	-	288	-	7.6	-	133	-	24	0
15-274	WENONAH BORO WD 1	17JUL67	13.5	-	308	-	8.2	-	-	-	26	0
15-274	WENONAH BORO WD 1	04AUG80	15.0	336	-	7.8	-	145	-	-	30	0
15-275	WENONAH BORO WD 2	17JUL67	11.0	-	307	-	8.2	-	-	-	27	0
15-276	W DEPTFORD TWP WD 4	15AUG67	14.5	-	347	-	7.5	-	-	-	30	0
15-276	W DEPTFORD TWP WD 4	26AUG80	14.5	379	-	8.1	-	146	-	-	36	0
15-276	W DEPTFORD TWP WD 4	28DEC82	14.5	383	381	7.9	7.9	150	-	0.2	33	0
15-281	W DEPTFORD TWP WD 3	15AUG67	13.5	-	304	-	7.8	-	-	-	36	0
15-281	W DEPTFORD TWP WD 3	26AUG80	14.0	288	-	8.1	-	120	-	-	45	0
15-282	W DEPTFORD TWP WD 5	10DEC80	15.0	466	491	7.5	7.8	115	-	-	19	0
15-283	SHELL CHEM CO 3	15AUG67	14.5	-	708	-	7.8	-	-	-	25	0
15-283	SHELL CHEM CO 3	24SEP80	15.0	690	-	7.8	-	145	-	-	26	0
15-284	SHELL CHEM CO 4	15AUG67	14.0	-	372	-	7.8	-	-	-	44	0
15-284	SHELL CHEM CO 4	24SEP80	14.0	384	-	7.4	-	118	-	-	78	0
15-285	SHELL CHEM CO 1	15AUG67	14.5	-	806	-	7.7	-	-	-	28	0
15-308	PENWALT CORP TW 8	18SEP80	15.0	480	-	7.8	-	130	-	-	29	0
15-312	W DEPTFORD TWP WD 6	26AUG80	14.0	360	-	7.8	-	100	-	-	23	0
15-312	W DEPTFORD TWP WD 6	18AUG82	-	342	351	7.9	7.8	100	-	0.2	20	0
15-314	TEXACO EAGLE PT 6-PROD	15AUG50	14.0	-	329	-	7.8	-	89	-	22	0
15-314	TEXACO EAGLE PT 6-PROD	22DEC70	14.0	-	275	-	6.9	-	-	-	51	23
15-314	TEXACO EAGLE PT 6-PROD	09AUG82	14.0	275	280	6.5	6.6	54	-	0.1	45	0
15-317	TEXACO EAGLE PT 7	09SEP80	15.0	238	-	6.2	-	36	-	-	36	0
15-318	TEXACO EAGLE PT 2	15MAR50	14.5	-	269	-	7.7	-	84	-	25	0
15-318	TEXACO EAGLE PT 2	25AUG66	13.5	-	254	-	7.2	-	-	-	48	0
15-318	TEXACO EAGLE PT 2	09OCT81	14.5	300	290	6.4	6.9	-	-	-	44	-
15-319	TEXACO EAGLE PT 4-PROD	15MAR50	14.0	-	267	-	8.0	-	85	-	24	0
15-319	TEXACO EAGLE PT 4-PROD	25AUG66	13.5	-	236	-	7.5	-	-	-	31	0
15-319	TEXACO EAGLE PT 4-PROD	19DEC68	13.0	-	265	-	-	-	-	-	-	-
15-319	TEXACO EAGLE PT 4-PROD	18MAY71	14.0	-	289	-	7.1	-	-	-	39	0
15-319	TEXACO EAGLE PT 4-PROD	29JUN72	14.0	-	273	-	8.1	-	-	-	35	-
15-319	TEXACO EAGLE PT 4-PROD	01JUN73	14.0	-	288	7.1	7.9	-	80	-	44	0
15-319	TEXACO EAGLE PT 4-PROD	30JUN74	14.5	-	297	-	7.2	-	108	-	46	0
15-320	TEXACO EAGLE PT 1	04JUN52	-	-	222	-	7.2	-	85	-	29	0
15-320	TEXACO EAGLE PT 1	25AUG66	13.5	-	274	-	7.3	-	-	-	56	0
15-320	TEXACO EAGLE PT 1	09SEP80	15.0	344	-	7.2	-	130	-	-	73	0
15-321	TEXACO EAGLE PT 5	06APR50	13.5	-	202	-	7.8	-	79	-	30	0
15-321	TEXACO EAGLE PT 5	09SEP80	15.0	365	-	7.1	-	168	-	-	110	0
15-321	TEXACO EAGLE PT 5	09AUG82	14.5	402	399	7.2	7.1	190	-	0.1	110	0
15-322	TEXACO EAGLE PT 3	15MAR50	14.5	-	224	-	8.0	-	77	-	25	0
15-322	TEXACO EAGLE PT 3	09OCT81	15.5	540	500	6.7	6.9	-	-	-	150	-

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Diss. Sodium	Diss. Potassium	Diss. Calcium	Diss. Magnesium	Diss. Silica	Diss. Chloride	Diss. Sulfate	Diss. Fluoride
15-213	PAULSBORO WD 5-57	14AUG67	28	6.9	11	6.6	5.8	43	76	0.1
15-213	PAULSBORO WD 5-57	11SEP80	16	4.9	9.7	4.9	6.5	19	59	-
15-215	PAULSBORO BORO WD 2	11APR51	11	3.9	9.6	5.2	7.6	19	33	0.1
15-215	PAULSBORO BORO WD 2	12JUL67	15	3.3	13	6.2	6.9	22	46	0.1
15-216	PAULSBORO BORO WD 3	11APR51	48	2.2	5.8	3.5	7.6	77	27	0.1
15-216	PAULSBORO BORO WD 3	12JUL67	14	2.4	4.7	3.7	7.3	18	21	0.0
15-218	MOBIL OIL-GREENWICH 33	15SEP52	-	-	-	-	-	87	16	-
15-220	ESSEX CHEM-OLIN 1-1954	14AUG67	11	1.6	2.8	1.6	6.7	16	18	0.0
15-220	ESSEX CHEM-OLIN 1-1954	13OCT81	180	5.5	23	5.2	-	190	130	-
15-224	PITMAN BORO WD PG1	19NOV58	105	4.6	3.2	0.5	10	24	2.8	1.9
15-224	PITMAN BORO WD PG1	17JUL67	132	5.0	3.8	1.0	10	42	2.7	3.6
15-225	PITMAN BORO WD P1	07MAY51	118	5.3	3.6	1.4	12	34	3.0	1.2
15-225	PITMAN BORO WD P1	09DEC58	104	5.0	2.9	1.0	7.8	24	2.4	1.9
15-225	PITMAN BORO WD P1	17JUL67	107	5.4	2.7	1.7	8.7	20	4.3	2.0
15-226	PITMAN BORO WD P2	17APR51	102	5.0	4.2	0.8	11	26	3.2	2.0
15-226	PITMAN BORO WD P2	17JUL67	102	5.4	3.4	1.2	9.1	24	4.3	2.0
15-231	MARINO, H	20OCT80	3.2	4.2	11	1.2	30	22	29	-
15-236	SWEDESBORO BORO WD 3	10SEP80	46	5.8	20	5.2	11	43	22	-
15-237	SWEDESBORO BORO WD 1	07MAY51	41	5.4	23	5.1	11	43	18	0.3
15-237	SWEDESBORO BORO WD 1	13JUL67	11	4.9	20	4.4	11	2.6	14	0.3
15-240	DEL MONTE CORP 9	17SEP70	44	5.0	16	5.2	11	58	15	0.4
15-240	DEL MONTE CORP 9	10SEP80	50	5.7	17	4.7	9.8	42	20	-
15-243	DEL MONTE CORP 4	11APR69	83	7.0	18	6.4	9.8	120	24	0.1
15-248	WASHINGTON TWP MUA 5-73	18AUG82	93	3.6	2.2	0.9	9.9	8.8	3.0	2.5
15-253	WASHINGTON TWP MUA 6-64	15AUG67	65	5.9	3.5	1.5	8.7	2.0	7.6	0.6
15-253	WASHINGTON TWP MUA 6-64	18AUG82	59	4.3	3.7	1.5	9.4	2.8	6.0	0.9
15-261	WASHINGTON TWP MUA 1	17AUG67	48	6.8	5.2	2.0	9.8	2.3	15	0.0
15-261	WASHINGTON TWP MUA 1	13AUG82	45	5.1	5.1	1.9	9.3	1.6	11	0.7
15-265	WASHINGTON TWP MUA 2	17AUG67	46	6.4	5.0	1.9	8.0	2.0	13	0.6
15-267	WASHINGTON TWP MUA 3	13AUG82	44	5.2	5.8	2.0	9.2	1.8	12	0.8
15-274	WENONAH BORO WD 1	17APR51	58	5.1	7.6	1.3	10	7.6	7.0	1.2
15-274	WENONAH BORO WD 1	17JUL67	60	5.8	7.3	2.0	9.6	12	6.9	1.6
15-274	WENONAH BORO WD 1	04AUG80	73	5.6	7.9	2.3	8.7	22	5.0	-
15-275	WENONAH BORO WD 2	17JUL67	58	5.8	7.5	2.1	9.5	12	6.9	1.6
15-276	W DEPTFORD TWP WD 4	15AUG67	71	6.3	8.4	2.3	8.7	24	7.1	1.0
15-276	W DEPTFORD TWP WD 4	26AUG80	74	5.4	10	2.5	9.9	12	13	-
15-276	W DEPTFORD TWP WD 4	28DEC82	68	5.3	9.2	2.5	9.0	30	7.0	1.4
15-281	W DEPTFORD TWP WD 3	15AUG67	55	6.3	10	2.6	8.4	15	7.3	1.0
15-281	W DEPTFORD TWP WD 3	26AUG80	49	5.3	13	2.8	10	27	5.3	-
15-282	W DEPTFORD TWP WD 5	10DEC80	94	2.9	5.4	1.2	9.1	79	7.0	-
15-283	SHELL CHEM CO 3	15AUG67	144	4.3	7.5	1.5	9.3	138	10	2.4
15-283	SHELL CHEM CO 3	24SEP80	170	3.8	7.4	1.7	9.4	140	9.0	-
15-284	SHELL CHEM CO 4	15AUG67	68	6.8	12	3.3	9.5	29	10	1.0
15-284	SHELL CHEM CO 4	24SEP80	47	6.3	21	6.0	14	26	39	-
15-285	SHELL CHEM CO 1	15AUG67	165	4.9	8.0	1.9	8.0	165	9.2	1.2
15-308	PENWALT CORP TW 8	18SEP80	84	3.8	8.3	1.9	8.5	79	8.2	-
15-312	W DEPTFORD TWP WD 6	26AUG80	71	3.7	6.4	1.5	10	43	9.6	-
15-312	W DEPTFORD TWP WD 6	18AUG82	63	2.4	5.7	1.3	9.0	42	9.0	1.2
15-314	TEXACO EAGLE PT 6-PROD	15AUG50	60	3.6	7.0	1.2	11	40	9.0	0.8
15-314	TEXACO EAGLE PT 6-PROD	22DEC70	30	5.1	15	3.0	13	24	65	0.2
15-314	TEXACO EAGLE PT 6-PROD	09AUG82	34	4.2	13	3.0	14	22	30	0.2
15-317	TEXACO EAGLE PT 7	09SEP80	24	3.9	9.7	2.7	12	20	40	-
15-318	TEXACO EAGLE PT 2	15MAR50	46	4.0	6.6	2.1	8.6	26	8.8	0.6
15-318	TEXACO EAGLE PT 2	25AUG66	32	5.5	11	5.0	11	23	27	0.3
15-318	TEXACO EAGLE PT 2	09OCT81	33	4.5	13	2.9	-	27	37	-
15-319	TEXACO EAGLE PT 4-PROD	15MAR50	47	4.0	6.7	1.7	9.2	26	9.8	0.6
15-319	TEXACO EAGLE PT 4-PROD	25AUG66	36	3.9	7.5	3.0	11	25	14	0.4
15-319	TEXACO EAGLE PT 4-PROD	19DEC68	-	-	-	-	-	-	15	-
15-319	TEXACO EAGLE PT 4-PROD	18MAY71	44	5.2	11	2.9	12	23	10	0.4
15-319	TEXACO EAGLE PT 4-PROD	29JUN72	-	-	9.5	2.7	-	27	8.9	-
15-319	TEXACO EAGLE PT 4-PROD	01JUN73	46	5.2	-	-	13	26	9.8	-
15-319	TEXACO EAGLE PT 4-PROD	30JUN74	50	5.5	13	3.4	12	28	14	-
15-320	TEXACO EAGLE PT 1	04JUN52	-	-	-	-	-	14	14	-
15-320	TEXACO EAGLE PT 1	25AUG66	33	6.4	16	4.0	10	13	7.8	0.0
15-320	TEXACO EAGLE PT 1	09SEP80	39	6.6	21	4.6	11	25	12	-
15-321	TEXACO EAGLE PT 5	06APR50	29	4.4	8.6	2.1	9.5	9.2	12	0.5
15-321	TEXACO EAGLE PT 5	09SEP80	32	8.6	31	6.6	12	15	3.5	-
15-321	TEXACO EAGLE PT 5	09AUG82	35	8.4	33	7.6	12	16	4.0	0.3
15-322	TEXACO EAGLE PT 3	15MAR50	36	4.3	7.2	1.8	10	17	9.9	0.5
15-322	TEXACO EAGLE PT 3	09OCT81	36	9.3	43	9.8	-	32	37	-

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Total Iron (ug/L)	Diss. Iron (ug/L)	Total Manganese (ug/L)	Diss. Manganese (ug/L)	Diss. Organic Carbon	Dissolved Solids Residue at 180°C	Dissolved Solids Sum of Constituents
15-213	PAULSBORO WD 5-57	14AUG67	4800	-	100	-	-	187	178
15-213	PAULSBORO WD 5-57	11SEP80	-	3	-	77	1.0	125	121
15-215	PAULSBORO BORO WD 2	11APR51	0	-	180	-	-	124	110
15-215	PAULSBORO BORO WD 2	12JUL67	290	-	410	-	-	156	130
15-216	PAULSBORO BORO WD 3	11APR51	10	-	90	-	-	194	176
15-216	PAULSBORO BORO WD 3	12JUL67	420	-	280	-	-	96	85
15-218	MOBIL OIL-GREENWICH 33	15SEP52	10	-	-	-	-	-	-
15-220	ESSEX CHEM-OLIN 1-1954	14AUG67	1800	-	0	-	-	66	58
15-220	ESSEX CHEM-OLIN 1-1954	13OCT81	-	-	-	-	-	-	-
15-224	PITMAN BORO WD PG1	19NOV58	-	-	-	-	-	280	276
15-224	PITMAN BORO WD PG1	17JUL67	30	-	50	-	-	335	336
15-225	PITMAN BORO WD P1	07MAY51	20	-	0	-	-	317	312
15-225	PITMAN BORO WD P1	09DEC58	30	-	0	-	-	316	269
15-225	PITMAN BORO WD P1	17JUL67	140	-	0	-	-	297	283
15-226	PITMAN BORO WD P2	17APR51	0	-	0	-	-	285	272
15-226	PITMAN BORO WD P2	17JUL67	470	-	110	-	-	285	278
15-231	MARINO, H	20OCT80	-	34000	-	110	0.3	146	153
15-236	SWEDESBORO BORO WD 3	10SEP80	-	2800	-	37	0.0	211	220
15-237	SWEDESBORO BORO WD 1	07MAY51	2600	-	30	-	-	202	205
15-237	SWEDESBORO BORO WD 1	13JUL67	2100	-	70	-	-	135	120
15-240	DEL MONTE CORP 9	17SEP70	-	3200	-	40	-	197	198
15-240	DEL MONTE CORP 9	10SEP80	-	650	-	33	0.6	211	220
15-243	DEL MONTE CORP 4	11APR69	-	-	-	-	-	310	318
15-248	WASHINGTON TWP MUA 5-73	18AUG82	-	20	-	<1	2.0	261	238
15-253	WASHINGTON TWP MUA 6-64	15AUG67	90	-	50	-	-	186	181
15-253	WASHINGTON TWP MUA 6-64	18AUG82	-	4	-	2	0.7	195	178
15-261	WASHINGTON TWP MUA 1	17AUG67	130	-	0	-	-	136	158
15-261	WASHINGTON TWP MUA 1	13AUG82	-	<3	-	2	0.6	188	152
15-265	WASHINGTON TWP MUA 2	17AUG67	70	-	50	-	-	159	149
15-267	WASHINGTON TWP MUA 3	13AUG82	-	<3	-	<1	1.7	191	153
15-274	WENONAH BORO WD 1	17APR51	160	-	-	-	-	186	179
15-274	WENONAH BORO WD 1	17JUL67	290	-	150	-	-	205	190
15-274	WENONAH BORO WD 1	04AUG80	-	65	-	4	1.9	206	213
15-275	WENONAH BORO WD 2	17JUL67	170	-	0	-	-	190	188
15-276	W DEPTFORD TWP WD 4	15AUG67	80	-	0	-	-	220	215
15-276	W DEPTFORD TWP WD 4	26AUG80	-	140	-	6	1.1	185	215
15-276	W DEPTFORD TWP WD 4	28DEC82	-	110	-	4	1.3	229	223
15-281	W DEPTFORD TWP WD 3	15AUG67	160	-	0	-	-	190	185
15-281	W DEPTFORD TWP WD 3	26AUG80	-	200	-	8	0.7	237	185
15-282	W DEPTFORD TWP WD 5	10DEC80	-	220	-	12	7.4	270	269
15-283	SHELL CHEM CO 3	15AUG67	670	-	110	-	-	425	399
15-283	SHELL CHEM CO 3	24SEP80	-	320	-	13	5.3	402	430
15-284	SHELL CHEM CO 4	15AUG67	760	-	0	-	-	227	226
15-284	SHELL CHEM CO 4	24SEP80	-	1200	-	21	6.4	222	233
15-285	SHELL CHEM CO 1	15AUG67	460	-	100	-	-	464	452
15-308	PENWALT CORP TW 8	18SEP80	-	700	-	48	1.7	268	273
15-312	W DEPTFORD TWP WD 6	26AUG80	-	270	-	17	1.0	214	207
15-312	W DEPTFORD TWP WD 6	18AUG82	-	18	-	15	0.7	215	194
15-314	TEXACO EAGLE PT 6-PROD	15AUG50	200	-	0	-	-	186	187
15-314	TEXACO EAGLE PT 6-PROD	22DEC70	-	2400	-	60	-	169	172
15-314	TEXACO EAGLE PT 6-PROD	09AUG82	-	2100	-	59	0.8	162	155
15-317	TEXACO EAGLE PT 7	09SEP80	-	4700	-	76	0.8	146	140
15-318	TEXACO EAGLE PT 2	15MAR50	110	-	0	-	-	154	154
15-318	TEXACO EAGLE PT 2	25AUG66	820	-	0	-	-	158	155
15-318	TEXACO EAGLE PT 2	09OCT81	-	-	-	-	-	-	-
15-319	TEXACO EAGLE PT 4-PROD	15MAR50	110	-	0	-	-	154	157
15-319	TEXACO EAGLE PT 4-PROD	25AUG66	660	-	0	-	-	143	143
15-319	TEXACO EAGLE PT 4-PROD	19DEC68	-	-	-	-	-	-	-
15-319	TEXACO EAGLE PT 4-PROD	18MAY71	-	1200	-	40	-	164	167
15-319	TEXACO EAGLE PT 4-PROD	29JUN72	-	1500	-	40	-	-	-
15-319	TEXACO EAGLE PT 4-PROD	01JUN73	420	-	30	-	-	188	176
15-319	TEXACO EAGLE PT 4-PROD	30JUN74	-	140	-	60	-	231	191
15-320	TEXACO EAGLE PT 1	04JUN52	350	-	-	-	-	-	-
15-320	TEXACO EAGLE PT 1	25AUG66	1400	-	50	-	-	164	162
15-320	TEXACO EAGLE PT 1	09SEP80	-	1900	-	65	1.5	207	201
15-321	TEXACO EAGLE PT 5	06APR50	730	-	0	-	-	120	123
15-321	TEXACO EAGLE PT 5	09SEP80	-	2800	-	82	1.6	215	215
15-321	TEXACO EAGLE PT 5	09AUG82	-	2800	-	83	1.8	227	233
15-322	TEXACO EAGLE PT 3	15MAR50	700	-	0	-	-	132	133
15-322	TEXACO EAGLE PT 3	09OCT81	-	-	-	-	-	-	-

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Temperature (°C)	Specific Conductance (micromhos) Field	Specific Conductance (micromhos) Lab	pH (Units) Field	pH (Units) Lab	Alkalinity (As CaCO3) Field	Alkalinity (As CaCO3) Lab	Dissolved Oxygen	Hardness (As CaCO3) Total	Hardness (As CaCO3) Noncarbonate
15-323	TEXACO EAGLE PT 3-OBS	18MAY71	14.5	-	337	-	7.1	-	-	-	91	0
15-323	TEXACO EAGLE PT 3-OBS	29JUN72	14.5	-	328	-	8.5	-	-	-	85	-
15-323	TEXACO EAGLE PT 3-OBS	05JUN73	15.0	-	351	7.1	7.6	-	109	-	98	0
15-323	TEXACO EAGLE PT 3-OBS	30JUN74	14.5	-	406	-	7.0	-	147	-	110	0
15-323	TEXACO EAGLE PT 3-OBS	09OCT81	16.0	820	766	6.6	6.7	-	-	-	270	-
15-323	TEXACO EAGLE PT 3-OBS	07SEP82	15.0	770	786	6.6	7.2	270	-	0.5	280	6
15-324	TEXACO EAGLE PT 4-OBS	19NOV82	13.5	467	478	7.0	6.9	240	-	0.2	170	0
15-326	WESTVILLE BORO WD 5	02SEP80	14.5	510	-	7.1	-	254	-	-	210	0
15-326	WESTVILLE BORO WD 5	17SEP82	14.0	516	530	7.1	7.3	260	-	0.4	210	0
15-327	WESTVILLE BORO WD 4	13JUL67	14.5	-	191	-	8.0	-	-	-	39	0
15-327	WESTVILLE BORO WD 4	20MAY71	14.0	-	202	-	7.4	-	-	-	45	0
15-327	WESTVILLE BORO WD 4	01JUN73	14.5	-	208	7.4	8.2	-	69	-	47	0
15-327	WESTVILLE BORO WD 4	30JUN74	14.0	-	219	-	7.3	-	79	-	49	0
15-327	WESTVILLE BORO WD 4	02SEP80	15.5	284	-	7.4	-	116	-	-	85	0
15-327	WESTVILLE BORO WD 4	10SEP82	14.5	332	330	7.2	7.2	140	-	0.3	100	0
15-329	WESTVILLE BORO WD 1	11OCT50	14.5	-	246	-	7.6	-	74	-	78	4
15-331	WOODBURY WD RAILROAD 5	12JUL67	14.5	-	354	-	7.8	-	-	-	16	0
15-331	WOODBURY WD RAILROAD 5	21SEP72	15.0	-	363	-	7.8	-	102	-	23	0
15-331	WOODBURY WD RAILROAD 5	27AUG80	15.0	360	-	7.9	-	107	-	-	-	-
15-331	WOODBURY WD RAILROAD 5	10DEC80	14.0	326	355	7.3	7.7	102	-	-	19	0
15-331	WOODBURY WD RAILROAD 5	22DEC82	14.0	282	311	7.3	7.9	110	-	0.4	28	0
15-332	WOODBURY WD-PARK LOT 3	07MAY51	-	-	276	-	7.5	-	120	-	69	0
15-332	WOODBURY WD-PARK LOT 3	12JUL67	13.5	-	237	-	7.8	-	-	-	63	0
15-332	WOODBURY WD-PARK LOT 3	27AUG80	14.5	336	-	7.8	-	130	-	-	-	-
15-332	WOODBURY WD-PARK LOT 3	17OCT80	14.5	312	-	7.7	7.8	128	-	-	86	0
15-333	WOODBURY WD-TATUM 4	12JUL67	14.5	-	354	-	7.8	-	100	-	16	0
15-334	MACCARONE, J	29MAY57	15.0	-	424	-	6.9	-	176	-	170	0
15-334	MACCARONE, J	20OCT80	14.5	396	-	7.4	7.8	177	-	-	180	0
15-337	MAUGERI, SAL	14OCT80	14.0	178	-	7.1	-	93	-	-	54	0
15-340	CATALANO, F	20OCT80	14.0	180	-	7.0	7.2	94	-	-	65	0
15-341	BUTLER, WALTER	27OCT80	14.5	224	-	7.5	7.7	87	-	-	58	0
15-342	DEL MONTE CORP 10	10SEP80	17.5	278	-	7.2	-	134	-	-	53	0
15-343	CASELLA BROS	29MAY57	15.0	-	232	-	6.3	-	99	-	92	0
15-345	MUSUMECI, P	27OCT80	13.5	148	-	6.5	6.3	45	-	-	47	2
15-347	GREENWICH TWP WD 5	10DEC80	14.0	213	227	5.7	5.9	12	-	-	55	43
15-347	GREENWICH TWP WD 5	22SEP82	15.0	237	243	5.8	5.7	17	-	3.5	56	39
15-348	GREENWICH TWP WD 6	18SEP80	14.0	128	-	4.4	-	0	-	-	28	28
15-348	GREENWICH TWP WD 6	22DEC82	14.0	134	116	4.1	4.5	0	-	1.7	29	29
15-349	PURELAND WC LANDTECT 2	01OCT80	14.0	461	-	5.3	-	6	-	-	51	45
15-350	PURELAND WC LANDTECT 1	30SEP80	14.5	1500	-	7.3	-	156	-	-	52	0
15-354	ROLLINS ENVIR DP2	31OCT80	14.0	117	-	4.8	5.2	2	-	-	24	22
15-355	E GREENWICH TWP WD 3	05SEP80	15.5	499	-	7.9	-	152	-	-	33	0
15-357	EI DUPONT REPAUNO 7 OBS	16NOV82	13.5	1290	1300	5.4	5.7	30	-	0.2	190	160
15-361	GLASSBORO BORO WD 5	17AUG82	19.5	640	679	8.4	8.4	260	-	-	10	0
15-366	CIANCIULLI, TIMOTHY	17NOV80	14.0	648	719	7.7	7.6	164	-	-	73	0
15-373	W DEPTFORD TWP MUA 7	18AUG82	14.5	247	250	7.8	7.8	81	-	0.2	23	0
15-374	DEPTFORD TWP MUA 6	02SEP80	16.0	259	-	8.0	-	103	-	-	17	0
15-380	MONSANTO CHEM OBS 2	28OCT82	14.5	1370	1260	6.8	6.5	190	-	0.5	110	0
15-387	ROLLINS ENVIR DP1	31OCT80	14.0	528	-	6.2	6.1	35	-	-	39	4
15-388	ROLLINS ENVIR DP3	31OCT80	15.0	240	-	5.3	5.5	4	-	-	92	88
15-390	GLOUCESTER CO SEW AUTH 1	25SEP80	14.5	350	-	5.6	-	33	-	-	100	68
15-392	NJ TPK AUTH-MAINT S-1-64	08SEP80	15.0	442	-	7.8	-	114	-	-	69	0
15-395	REPAUPO FIRE CO 30-1972	24SEP80	13.5	221	-	5.6	-	66	-	-	41	0
15-399	ALLIED ENERGY 1 1977	15SEP80	14.5	118	-	5.1	-	4	-	-	25	21
15-409	LOGAN TWP MUA 1	09OCT80	14.0	85	-	6.3	5.6	18	-	-	15	0
15-410	TEXACO EAGLE PT 4A	09SEP80	14.5	480	-	6.8	-	182	-	-	130	0
15-410	TEXACO EAGLE PT 4A	09OCT81	14.5	510	474	6.5	6.9	-	-	-	130	-
15-410	TEXACO EAGLE PT 4A	09AUG82	14.0	565	564	6.7	6.8	210	-	0.1	160	0
15-417	S&S AUCTION HOUSE 1 1978	25SEP80	14.0	198	-	5.0	-	3	-	-	63	60
15-422	PITMAN BORO WD P4	23JUL82	16.5	580	582	8.5	8.0	227	-	0.1	14	0
15-423	MOBIL OIL-GREENWICH 28	09JUL51	15.0	-	524	-	3.8	-	0	-	120	120
15-428	MOBIL OIL-GREENWICH 36	09JUL51	15.5	-	395	-	7.0	-	80	-	100	22
15-434	WESTVILLE BORO WD 6	17SEP82	-	336	355	7.3	8.2	140	-	0.5	96	0
15-439	ESSEX CHEM-OLIN 2-1970	08OCT80	14.0	1130	-	6.7	-	104	-	-	95	0
15-439	ESSEX CHEM-OLIN 2-1970	23JUL82	-	980	1050	6.7	6.6	96	-	0.1	100	5
21- 39	STAUFFER CHEM CO 1	04JUN80	13.0	39	-	5.4	-	6	-	-	5	0
21- 44	BORDENTOWN WD-WH 1	04JUN80	13.0	61	-	4.4	-	0	-	-	9	9
21- 54	GARDEN ST WC-R FROST 10	04JUN68	12.0	-	73	-	6.5	-	-	-	18	14
21- 92	CHAMPALE INC-YARDSIDE	04JUN80	16.5	401	-	4.4	-	0	-	-	100	100
21- 93	ROEBLING & SONS	26MAY50	-	-	488	-	4.3	-	0	-	130	130

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Diss. Sodium	Diss. Potassium	Diss. Calcium	Diss. Magnesium	Diss. Silica	Diss. Chloride	Diss. Sulfate	Diss. Fluoride
15-323	TEXACO EAGLE PT 3-OBS	18MAY71	34	8.4	26	5.9	11	20	5.4	0.3
15-323	TEXACO EAGLE PT 3-OBS	29JUN72	-	-	24	6.0	-	23	4.1	-
15-323	TEXACO EAGLE PT 3-OBS	05JUN73	37	7.6	-	-	12	24	9.0	-
15-323	TEXACO EAGLE PT 3-OBS	30JUN74	38	8.5	33	7.9	12	28	15	-
15-323	TEXACO EAGLE PT 3-OBS	09OCT81	44	12	77	18	-	38	100	-
15-323	TEXACO EAGLE PT 3-OBS	07SEP82	46	11	79	19	17	39	100	0.2
15-324	TEXACO EAGLE PT 4-OBS	19NOV82	30	9.5	50	12	12	21	1.0	0.2
15-326	WESTVILLE BORO WD 5	02SEP80	28	10	60	14	12	13	13	-
15-326	WESTVILLE BORO WD 5	17SEP82	28	10	60	14	12	12	17	0.4
15-327	WESTVILLE BORO WD 4	13JUL67	25	5.2	12	2.3	9.1	7.5	15	0.4
15-327	WESTVILLE BORO WD 4	20MAY71	23	6.6	13	2.9	8.9	7.6	15	0.5
15-327	WESTVILLE BORO WD 4	01JUN73	25	6.4	-	-	9.0	7.6	12	-
15-327	WESTVILLE BORO WD 4	30JUN74	26	6.4	14	3.4	8.6	7.6	14	-
15-327	WESTVILLE BORO WD 4	02SEP80	27	7.8	24	5.7	11	9.5	16	-
15-327	WESTVILLE BORO WD 4	10SEP82	25	8.3	30	7.1	10	11	16	0.4
15-329	WESTVILLE BORO WD 1	11OCT50	12	5.8	23	5.0	9.9	12	20	0.4
15-331	WOODBURY WD RAILROAD 5	12JUL67	71	4.0	3.9	1.4	9.5	48	7.9	0.9
15-331	WOODBURY WD RAILROAD 5	21SEP72	68	3.6	6.8	1.4	9.0	46	6.5	0.9
15-331	WOODBURY WD RAILROAD 5	27AUG80	-	-	-	-	-	45	7.6	-
15-331	WOODBURY WD RAILROAD 5	10DEC80	64	3.2	5.5	1.2	9.1	43	6.4	-
15-331	WOODBURY WD RAILROAD 5	22DEC82	55	3.8	8.5	1.7	8.8	24	9.0	1.1
15-332	WOODBURY WD-PARK LOT 3	07MAY51	32	5.5	21	4.1	8.9	6.5	14	0.7
15-332	WOODBURY WD-PARK LOT 3	12JUL67	25	6.4	19	3.8	9.3	7.6	18	0.7
15-332	WOODBURY WD-PARK LOT 3	27AUG80	-	-	-	-	-	12	20	-
15-332	WOODBURY WD-PARK LOT 3	17OCT80	31	5.8	27	4.3	8.5	15	20	-
15-333	WOODBURY WD-TATUM 4	12JUL67	71	4.0	3.9	1.4	9.5	48	7.9	0.9
15-334	MACCARONE, J	29MAY57	18	6.0	54	7.8	15	3.6	41	0.2
15-334	MACCARONE, J	20OCT80	17	5.8	58	7.0	8.9	3.4	42	-
15-337	MAUGERI, SAL	14OCT80	15	4.2	16	3.2	12	2.4	4.6	-
15-340	CATALANO, F	20OCT80	9.5	4.0	20	3.4	11	1.9	5.8	-
15-341	BUTLER, WALTER	27OCT80	22	5.2	16	4.3	9.7	6.1	24	-
15-342	DEL MONTE CORP 10	10SEP80	39	5.1	14	4.1	10	13	24	-
15-343	CASELLA BROS	29MAY57	8.6	5.2	27	5.9	20	2.6	15	0.1
15-345	MUSUMECI, P	27OCT80	1.8	3.0	11	4.6	24	6.7	18	-
15-347	GREENWICH TWP WD 5	10DEC80	15	4.4	12	6.0	7.7	21	36	-
15-347	GREENWICH TWP WD 5	22SEP82	20	4.5	12	6.3	7.2	26	35	<0.1
15-348	GREENWICH TWP WD 6	18SEP80	4.8	2.2	3.9	4.5	12	7.0	29	-
15-348	GREENWICH TWP WD 6	22DEC82	5.4	2.2	4.1	4.5	12	8.0	30	0.1
15-349	PURELAND WC LANDTECT 2	01OCT80	66	3.3	10	6.3	15	110	34	-
15-350	PURELAND WC LANDTECT 1	30SEP80	250	7.3	15	3.6	0.0	370	8.9	-
15-354	ROLLINS ENVIR DP2	31OCT80	8.6	2.0	5.4	2.4	11	14	14	-
15-355	E GREENWICH TWP WD 3	05SEP80	91	5.9	8.8	2.5	9.4	57	5.9	-
15-357	EI DUPONT REPAUNO 7 OBS	16NOV82	140	14	45	20	28	110	340	<0.1
15-361	GLASSBORO BORO WD 5	17AUG82	150	4.5	2.4	0.9	9.2	59	3.0	2.3
15-366	CIANCIULLI, TIMOTHY	17NOV80	130	8.1	20	5.3	9.4	130	6.4	-
15-373	W DEPTFORD TWP MUA 7	18AUG82	44	3.0	6.7	1.5	9.1	23	8.0	0.8
15-374	DEPTFORD TWP MUA 6	02SEP80	53	3.7	4.7	1.3	9.3	12	7.2	-
15-380	MONSANTO CHEM OBS 2	28OCT82	210	2.5	27	10	12	340	10	0.2
15-387	ROLLINS ENVIR DP1	31OCT80	84	3.4	9.6	3.4	11	150	9.4	-
15-388	ROLLINS ENVIR DP3	31OCT80	3.1	6.8	17	12	7.4	20	49	-
15-390	GLOUCESTER CO SEW AUTH 1	25SEP80	17	8.5	25	9.2	12	17	100	-
15-392	NJ TPK AUTH-MAINT S-1-64	08SEP80	56	7.2	19	5.1	9.4	64	9.4	-
15-395	REPAUPO FIRE CO 30-1972	24SEP80	4.4	3.6	6.4	6.0	12	11	66	-
15-399	ALLIED ENERGY 1 1977	15SEP80	7.1	2.5	5.4	2.7	14	29	1.9	-
15-409	LOGAN TWP MUA 1	09OCT80	2.3	1.0	2.5	2.2	22	4.5	7.7	-
15-410	TEXACO EAGLE PT 4A	09SEP80	48	8.3	36	7.9	14	29	35	-
15-410	TEXACO EAGLE PT 4A	09OCT81	42	7.7	37	8.3	-	30	40	-
15-410	TEXACO EAGLE PT 4A	09AUG82	48	8.8	47	11	14	30	54	0.2
15-417	S&S AUCTION HOUSE 1 1978	25SEP80	3.4	7.7	16	5.5	7.2	11	45	-
15-422	PITMAN BORO WD P4	23JUL82	140	4.8	3.3	1.3	9.2	45	3.0	2.0
15-423	MOBIL OIL-GREENWICH 28	09JUL51	24	3.7	19	18	18	38	158	0.2
15-428	MOBIL OIL-GREENWICH 36	09JUL51	35	3.1	16	15	5.2	23	72	0.2
15-434	WESTVILLE BORO WD 6	17SEP82	31	8.1	28	6.4	9.8	11	20	0.5
15-439	ESSEX CHEM-OLIN 2-1970	08OCT80	220	5.2	26	6.9	13	160	190	-
15-439	ESSEX CHEM-OLIN 2-1970	23JUL82	180	4.8	29	7.0	13	150	190	1.6
21- 39	STAUFFER CHEM CO 1	04JUN80	1.8	0.5	1.2	0.5	8.2	2.8	6.3	-
21- 44	BORDENTOWN WD-WH 1	04JUN80	2.7	0.8	2.2	0.8	6.6	5.3	6.3	-
21- 54	GARDEN ST WC-R FROST 10	04JUN68	4.0	1.6	3.9	1.9	7.2	7.0	2.9	0.1
21- 92	CHAMPALE INC-YARDSIDE	04JUN80	20	3.8	22	12	13	34	89	-
21- 93	ROEBLING & SONS	26MAY50	28	3.9	24	16	17	55	71	0.1

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Total Iron (ug/L)	Diss. Iron (ug/L)	Total Manganese (ug/L)	Diss. Manganese (ug/L)	Diss. Organic Carbon	Dissolved Solids Residue at 180°C	Dissolved Solids Sum of Constituents
15-323	TEXACO EAGLE PT 3-OBS	18MAY71	-	2000	-	68	-	189	192
15-323	TEXACO EAGLE PT 3-OBS	29JUN72	-	2600	-	70	-	-	-
15-323	TEXACO EAGLE PT 3-OBS	05JUN73	110	-	100	-	-	228	191
15-323	TEXACO EAGLE PT 3-OBS	30JUN74	-	2100	-	130	-	239	233
15-323	TEXACO EAGLE PT 3-OBS	09OCT81	-	-	-	-	-	-	-
15-323	TEXACO EAGLE PT 3-OBS	07SEP82	-	15000	-	260	3.4	416	489
15-324	TEXACO EAGLE PT 4-OBS	19NOV82	-	7000	-	180	2.5	272	287
15-326	WESTVILLE BORO WD 5	02SEP80	-	2400	-	93	2.5	312	308
15-326	WESTVILLE BORO WD 5	17SEP82	-	2900	-	86	2.6	-	313
15-327	WESTVILLE BORO WD 4	13JUL67	-	-	-	-	-	121	121
15-327	WESTVILLE BORO WD 4	20MAY71	-	360	-	22	-	119	123
15-327	WESTVILLE BORO WD 4	01JUN73	180	-	30	-	-	141	120
15-327	WESTVILLE BORO WD 4	30JUN74	-	<610	-	40	-	132	128
15-327	WESTVILLE BORO WD 4	02SEP80	-	800	-	54	1.0	177	173
15-327	WESTVILLE BORO WD 4	10SEP82	-	1000	-	66	1.3	183	193
15-329	WESTVILLE BORO WD 1	11OCT50	1800	-	0	-	-	137	134
15-331	WOODBURY WD RAILROAD 5	12JUL67	110	-	280	-	-	213	207
15-331	WOODBURY WD RAILROAD 5	21SEP72	-	30	-	0	-	209	204
15-331	WOODBURY WD RAILROAD 5	27AUG80	-	-	-	-	0.8	220	-
15-331	WOODBURY WD RAILROAD 5	10DEC80	-	26	-	6	4.6	203	196
15-331	WOODBURY WD RAILROAD 5	22DEC82	-	9	-	6	1.1	207	178
15-332	WOODBURY WD-PARK LOT 3	07MAY51	30	-	0	-	-	165	166
15-332	WOODBURY WD-PARK LOT 3	12JUL67	440	-	70	-	-	147	146
15-332	WOODBURY WD-PARK LOT 3	27AUG80	-	-	-	-	1.2	201	-
15-332	WOODBURY WD-PARK LOT 3	17OCT80	-	300	-	11	4.8	197	190
15-333	WOODBURY WD-TATUM 4	12JUL67	110	-	280	-	-	213	207
15-334	MACCARONE, J	29MAY57	1800	-	60	-	-	253	252
15-334	MACCARONE, J	20OCT80	-	2000	-	20	2.1	253	252
15-337	MAUGERI, SAL	14OCT80	-	2600	-	22	2.5	112	117
15-340	CATALANO, F	20OCT80	-	2700	-	24	5.4	112	117
15-341	BUTLER, WALTER	27OCT80	-	530	-	11	2.7	150	141
15-342	DEL MONTE CORP 10	10SEP80	-	47	-	19	0.9	174	190
15-343	CASELLA BROS	29MAY57	2900	-	80	-	-	145	144
15-345	MUSUMECI, P	27OCT80	-	11000	-	170	4.3	117	108
15-347	GREENWICH TWP WD 5	10DEC80	-	440	-	100	3.4	126	132
15-347	GREENWICH TWP WD 5	22SEP82	-	560	-	92	1.7	142	122
15-348	GREENWICH TWP WD 6	18SEP80	-	19	-	68	-	60	71
15-348	GREENWICH TWP WD 6	22DEC82	-	47	-	76	1.0	90	67
15-349	PURELAND WC LANDTECT 2	01OCT80	-	1800	-	610	0.9	264	263
15-350	PURELAND WC LANDTECT 1	30SEP80	-	<3	-	<1	0.9	780	750
15-354	ROLLINS ENVIR DP2	31OCT80	-	18	-	96	0.8	75	73
15-355	E GREENWICH TWP WD 3	05SEP80	-	270	-	8	1.0	283	273
15-357	EI DUPONT REPAUNO 7 OBS	16NOV82	-	2000	-	1560	-	668	733
15-361	GLASSBORO BORO WD 5	17AUG82	-	<3	-	<1	1.2	428	388
15-366	CIANCIULLI, TIMOTHY	17NOV80	-	570	-	15	2.0	395	410
15-373	W DEPTFORD TWP MUA 7	18AUG82	-	17	-	11	0.5	167	145
15-374	DEPTFORD TWP MUA 6	02SEP80	-	190	-	11	0.9	166	155
15-380	MONSANTO CHEM OBS 2	28OCT82	-	51000	-	1000	1.0	659	778
15-387	ROLLINS ENVIR DP1	31OCT80	-	12000	-	170	0.0	301	305
15-388	ROLLINS ENVIR DP3	31OCT80	-	26	-	66	0.5	173	140
15-390	GLOUCESTER CO SEW AUTH 1	25SEP80	-	9100	-	250	1.9	218	218
15-392	NJ TPK AUTH-MAINT S-1-64	08SEP80	-	440	-	14	1.1	242	240
15-395	REPAUPO FIRE CO 30-1972	24SEP80	-	23000	-	350	5.3	173	173
15-399	ALLIED ENERGY 1 1977	15SEP80	-	530	-	380	1.0	74	67
15-409	LOGAN TWP MUA 1	09OCT80	-	6900	-	230	4.9	58	64
15-410	TEXACO EAGLE PT 4A	09SEP80	-	4500	-	130	2.1	295	295
15-410	TEXACO EAGLE PT 4A	09OCT81	-	-	-	-	-	-	-
15-410	TEXACO EAGLE PT 4A	09AUG82	-	6200	-	150	2.2	336	346
15-417	S&S AUCTION HOUSE 1 1978	25SEP80	-	500	-	290	1.9	120	118
15-422	PITMAN BORO WD P4	23JUL82	-	36	-	2	2.0	342	-
15-423	MOBIL OIL-GREENWICH 28	09JUL51	190	-	2300	-	-	312	306
15-428	MOBIL OIL-GREENWICH 36	09JUL51	29000	-	1200	-	-	234	219
15-434	WESTVILLE BORO WD 6	17SEP82	-	49	-	7	1.6	195	157
15-439	ESSEX CHEM-OLIN 2-1970	08OCT80	-	12000	-	130	3.0	514	698
15-439	ESSEX CHEM-OLIN 2-1970	23JUL82	-	13000	-	140	1.6	579	648
21- 39	STAUFFER CHEM CO 1	04JUN80	-	2800	-	44	0.4	30	28
21- 44	BORDENTOWN WD-WH 1	04JUN80	-	130	-	11	0.6	32	31
21- 54	GARDEN ST WC-R FROST 10	04JUN68	10	-	10	-	-	59	45
21- 92	CHAMPALE INC-YARDSIDE	04JUN80	-	230	-	880	0.5	278	238
21- 93	ROEBLING & SONS	26MAY50	440	-	380	-	-	299	277

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Temperature (°C)	Specific Conductance (micromhos) Field	Specific Conductance (micromhos) Lab	pH (Units) Field	pH (Units) Lab	Alkalinity (As CaCO3) Field	Alkalinity (As CaCO3) Lab	Dissolved Oxygen	Hardness (As CaCO3) Total	Hardness (As CaCO3) Noncarbonate
21- 95	ALLENTOWN WD 1	14APR58	13.0	-	110	-	6.9	-	44	-	45	0
21- 95	ALLENTOWN WD 1	01JUL58	13.5	-	115	-	6.2	-	46	-	46	0
21-147	PUB SERV E-G-DUCK ISL 1	09JUN80	14.5	566	-	6.6	-	116	-	-	210	97
21-202	HAMILTON SQ WC 6	04MAY50	-	-	34	-	5.4	-	4	-	7	3
21-202	HAMILTON SQ WC 6	14APR58	11.5	-	37	-	5.5	-	2	-	7	5
21-203	CHAMPALE INC-OLD WELL	26MAY50	-	-	292	-	7.8	-	64	-	120	58
21-207	HAND,WILLIAM 1-1930	20AUG58	12.5	-	152	-	5.4	-	3	-	41	38
33- 64	EI DUPONT-COURSE LAND 3A	01MAY67	-	-	524	-	8.1	-	-	-	13	0
33- 65	EI DUPONT-COORSE LAND 3B	01MAY67	-	-	-	-	-	-	-	-	24	0
33- 65	EI DUPONT-COURSE LAND 3B	01MAY67	-	-	358	-	8.0	-	-	-	23	-
33- 66	EI DUPONT-COURSE LAND 3C	01MAY67	-	-	198	-	7.0	-	-	-	39	16
33- 67	EI DUPONT-COURSE LAND P1	18MAY67	-	-	369	-	8.1	-	-	-	6	0
33- 67	EI DUPONT-COURSE LAND P1	150CT80	16.0	350	-	7.7	-	154	-	-	7	0
33- 69	NJ TPKE SERV AREA 1N-1	16FEB68	-	-	169	-	8.2	-	-	-	23	0
33- 69	NJ TPKE SERV AREA 1N-1	08SEP80	15.0	168	-	7.0	-	82	-	-	22	0
33- 70	NJ TPKE SERV AREA IN-2	16FEB68	-	-	168	-	8.0	-	-	-	23	0
33- 74	OLDSMANS TWP WD 1	030CT80	14.5	173	-	7.2	-	89	-	-	46	0
33- 75	BSA-AUBURN HILL CAMP	05NOV58	13.5	-	185	-	7.3	-	89	-	46	0
33- 76	DAWSON, H W	200CT80	14.0	119	-	6.5	5.9	60	-	-	20	0
33- 77	PENNS GROVE WSC-PEDTN 11	09APR51	11.0	-	131	-	6.3	-	12	-	41	29
33- 77	PENNS GROVE WSC-PEDTN 11	16FEB68	-	-	68	-	7.5	-	-	-	21	0
33- 80	AIRCO INDUSTRIAL GASES 1	030CT80	13.5	45	-	5.6	-	10	-	-	6	0
33- 83	BF GOODRICH CO 9	090CT80	14.0	82	-	6.1	-	34	-	-	11	0
33- 83	BF GOODRICH CO 9	210CT82	13.5	90	81	6.1	5.9	29	-	0.6	14	0
33- 85	BF GOODRICH CO 6	090CT80	13.5	180	-	6.1	5.6	32	-	-	19	0
33- 85	BF GOODRICH CO 6	210CT82	14.0	148	131	6.1	5.8	28	-	0.3	26	0
33- 86	BF GOODRICH CO 4	090CT80	14.0	1230	-	7.1	-	123	-	-	57	0
33- 86	BF GOODRICH CO 4	210CT82	13.5	1190	1200	7.1	7.0	130	-	0.2	62	0
33-103	PENNS GROVE SEW AUTH 1	22SEP80	14.5	128	-	6.6	-	54	-	-	9	0
33-106	LINSKI, ALEX 2-1962	100CT80	15.0	1780	-	7.5	-	164	-	-	110	0
33-107	NJDEP-FT MOTT STATE PK 1	26APR56	12.0	-	654	-	7.6	-	106	-	36	0
33-107	NJDEP-FT MOTT STATE PK 1	15DEC59	13.5	-	548	-	7.4	-	103	-	29	0
33-107	NJDEP-FT MOTT STATE PK 1	26FEB68	13.0	-	540	-	8.3	-	-	-	24	0
33-108	US ARMY-FINNS PT CEM	19NOV59	15.0	-	972	-	7.1	-	99	-	49	0
33-108	US ARMY-FINNS PT CEM	26FEB68	15.0	-	890	-	8.1	-	-	-	39	0
33-108	US ARMY-FINNS PT CEM	100CT80	15.0	537	-	7.4	-	116	-	-	19	0
33-108	US ARMY-FINNS PT CEM	150CT82	15.0	-	569	7.4	7.5	110	-	0.3	19	0
33-112	PENNSVILLE TWP WD 4	27FEB68	13.0	-	157	-	8.0	-	-	-	48	0
33-112	PENNSVILLE TWP WD 4	020CT80	14.0	173	-	6.8	-	81	-	-	45	0
33-112	PENNSVILLE TWP WD 4	080CT82	13.5	178	178	6.8	6.9	77	-	0.2	45	0
33-117	PENNSVILLE TWP WD 3	26FEB68	13.0	-	88	-	8.1	-	-	-	19	0
33-117	PENNSVILLE TWP WD 3	020CT80	14.0	156	-	6.6	-	56	-	-	23	0
33-117	PENNSVILLE TWP WD 3	080CT82	14.5	183	120	6.6	5.8	58	-	0.3	27	0
33-118	PENNSVILLE TWP WD 1	26FEB68	14.0	-	421	-	8.2	-	-	-	29	0
33-118	PENNSVILLE TWP WD 1	020CT80	14.5	403	-	7.1	-	107	-	-	29	0
33-118	PENNSVILLE TWP WD 1	080CT82	14.5	410	425	7.0	7.0	110	-	0.2	28	0
33-119	PENNSVILLE TWP WD 2	11JAN51	13.0	-	466	-	6.5	-	107	-	44	0
33-119	PENNSVILLE TWP WD 2	26FEB68	14.0	-	467	-	8.0	-	-	-	49	0
33-119	PENNSVILLE TWP WD 2	21SEP73	18.5	-	479	-	6.8	-	89	-	41	0
33-119	PENNSVILLE TWP WD 2	020CT80	16.0	596	-	6.9	-	120	-	-	53	0
33-119	PENNSVILLE TWP WD 2	080CT82	19.0	327	338	7.4	7.4	75	-	2.2	120	43
33-121	ATL CITY EL-DEEPWATER 3	15FEB68	14.0	-	389	-	8.2	-	-	-	19	0
33-122	ATL CITY EL-DEEPWATER 3R	22SEP80	14.0	403	-	6.9	-	114	-	-	41	0
33-122	ATL CITY EL-DEEPWATER 3R	120CT82	14.0	392	417	7.0	6.7	120	-	0.3	34	0
33-123	ATL CITY EL-DEEPWATER 2	15FEB68	-	-	375	-	7.9	-	-	-	30	0
33-125	ATL CITY EL-DEEPWATER 5	15FEB68	14.0	-	332	-	8.0	-	-	-	23	0
33-125	ATL CITY EL-DEEPWATER 5	120CT82	15.0	363	372	7.0	6.8	120	-	0.2	33	0
33-126	EI DUPONT-RANNEY 7	07DEC67	-	-	-	-	3.5	-	-	-	47	47
33-126	EI DUPONT-RANNEY 7	210CT80	14.0	163	-	6.5	5.9	46	-	-	22	0
33-127	ATL CITY EL-DEEPWATER 6	15FEB68	15.0	-	424	-	8.1	-	-	-	55	0
33-127	ATL CITY EL-DEEPWATER 6	22SEP80	16.0	696	-	6.7	-	139	-	-	83	0
33-127	ATL CITY EL-DEEPWATER 6	120CT82	15.5	392	413	7.0	6.9	120	-	0.2	34	0
33-128	EI DUPONT-RANNEY 6	07DEC67	-	-	378	-	3.6	-	-	-	56	57
33-135	EI DUPONT-RANNEY 5	19JAN68	-	-	2980	-	3.7	-	-	-	570	569
33-137	EI DUPONT-DRINKWATER 8	06MAR51	15.0	-	352	-	8.0	-	116	-	10	0
33-137	EI DUPONT-DRINKWATER 8	15SEP52	15.0	-	386	-	7.5	-	124	-	16	0
33-137	EI DUPONT-DRINKWATER 8	150CT80	14.0	480	-	7.6	-	136	-	-	13	0
33-147	SALEM CO OFFICE BLDG 1	140CT80	15.0	376	-	8.0	-	158	-	-	22	0
33-158	ACME MARKETS 1	09FEB60	16.0	-	610	-	7.9	-	203	-	10	0
33-158	ACME MARKETS 1	27FEB68	13.0	-	655	-	8.6	-	-	-	10	0

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Diss. Sodium	Diss. Potassium	Diss. Calcium	Diss. Magnesium	Diss. Silica	Diss. Chloride	Diss. Sulfate	Diss. Fluoride
21- 95	ALLENTOWN WD 1	14APR58	2.3	2.6	12	3.6	15	3.2	6.6	0.1
21- 95	ALLENTOWN WD 1	01JUL58	2.0	2.8	13	3.4	17	3.0	5.7	0.0
21-147	PUB SERV E-G-DUCK ISL 1	09JUN80	7.3	4.6	67	11	14	10	150	-
21-202	HAMILTON SQ WC 6	04MAY50	2.5	0.9	1.8	0.7	6.5	2.8	2.0	0.0
21-202	HAMILTON SQ WC 6	14APR58	2.3	0.9	2.0	0.5	7.9	3.2	0.8	0.0
21-203	CHAMPALE INC-OLD WELL	26MAY50	6.9	1.8	36	7.9	7.0	12	55	0.0
21-207	HAND,WILLIAM 1-1930	20AUG58	8.5	3.3	5.2	6.8	8.4	21	0.0	0.0
33- 64	EI DUPONT-COURSE LAND 3A	01MAY67	113	3.4	3.7	0.8	8.2	62	4.3	0.2
33- 65	EI DUPONT-COURSE LAND 3B	01MAY67	-	-	-	-	-	-	-	1.0
33- 65	EI DUPONT-COURSE LAND 3B	01MAY67	78	3.2	7.0	1.4	5.1	18	3.7	-
33- 66	EI DUPONT-COURSE LAND 3C	01MAY67	24	5.1	10	3.5	4.0	17	17	0.1
33- 67	EI DUPONT-COURSE LAND P1	18MAY67	86	4.5	2.2	0.2	7.6	26	4.1	1.0
33- 67	EI DUPONT-COURSE LAND P1	15OCT80	85	2.6	1.9	0.4	8.4	23	2.2	-
33- 69	NJ TPKE SERV APEA 1N-1	16FEB68	27	5.0	6.3	1.7	7.9	3.5	0.6	0.2
33- 69	NJ TPKE SERV AREA 1N-1	08SEP80	24	4.5	6.3	1.5	8.8	3.1	1.0	-
33- 70	NJ TPKE SERV AREA IN-2	16FEB68	28	4.6	6.4	1.6	8.3	4.0	1.4	0.1
33- 74	OLDSMANS TWP WD 1	03OCT80	19	3.9	14	2.6	11	1.7	2.9	-
33- 75	BSA-AUBURN HILL CAMP	05NOV58	21	4.2	13	3.2	12	2.0	0.0	0.2
33- 76	DAWSON, H W	20OCT80	2.1	1.2	5.0	1.7	15	4.3	2.3	-
33- 77	PENNS GROVE WSC-PEDTN 11	09APR51	6.5	1.6	9.2	4.3	14	9.8	22	0.1
33- 77	PENNS GROVE WSC-PEDTN 11	16FEB68	3.7	1.5	5.3	1.9	11	4.5	1.0	0.1
33- 80	AIRCO INDUSTRIAL GASES 1	03OCT80	3.1	0.8	1.3	0.7	11	5.2	2.2	-
33- 83	BF GOODRICH CO 9	09OCT80	4.9	1.1	2.4	1.3	11	4.8	0.3	-
33- 83	BF GOODRICH CO 9	21OCT82	6.0	1.1	3.0	1.7	11	8.7	4.0	<0.1
33- 85	BF GOODRICH CO 6	09OCT80	7.6	1.2	4.2	2.1	11	13	8.1	-
33- 85	BF GOODRICH CO 6	21OCT82	9.4	1.2	5.6	2.8	11	20	16	<0.1
33- 86	BF GOODRICH CO 4	09OCT80	280	5.1	16	3.8	9.7	300	6.5	-
33- 86	BF GOODRICH CO 4	21OCT82	240	4.6	18	4.2	9.9	310	16	0.7
33-103	PENNS GROVE SEW AUTH 1	22SEP80	13	1.3	1.9	1.0	26	8.8	0.8	-
33-106	LINSKI, ALEX 2-1962	10OCT80	390	10	30	7.6	7.6	460	8.1	-
33-107	NJDEP-FT MOTT STATE PK 1	26APR56	116	4.9	12	1.4	5.4	131	1.8	0.3
33-107	NJDEP-FT MOTT STATE PK 1	15DEC59	104	4.0	9.8	1.1	7.7	103	5.9	1.6
33-107	NJDEP-FT MOTT STATE PK 1	26FEB68	101	5.2	6.8	1.7	6.5	102	3.0	0.2
33-108	US ARMY-FINNS PT CEM	19NOV59	179	0.6	14	3.3	8.7	238	7.5	0.2
33-108	US ARMY-FINNS PT CEM	26FEB68	169	6.6	11	2.7	6.4	205	3.0	0.2
33-108	US ARMY-FINNS PT CEM	10OCT80	130	4.0	5.7	1.2	7.9	110	6.4	-
33-108	US ARMY-FINNS PT CEM	15OCT82	120	3.8	5.7	1.2	7.7	110	12	0.4
33-112	PENNSVILLE TWP WD 4	27FEB68	11	2.7	12	4.4	37	7.8	0.8	0.1
33-112	PENNSVILLE TWP WD 4	02OCT80	9.4	2.0	11	4.1	43	12	3.1	-
33-112	PENNSVILLE TWP WD 4	08OCT82	9.3	1.7	11	4.2	41	11	4.0	0.2
33-117	PENNSVILLE TWP WD 3	26FEB68	7.7	1.1	4.1	2.2	31	6.6	9.5	0.1
33-117	PENNSVILLE TWP WD 3	02OCT80	7.8	1.1	4.8	2.6	40	8.9	11	-
33-117	PENNSVILLE TWP WD 3	08OCT82	8.3	0.7	6.0	2.9	38	12	17	0.1
33-118	PENNSVILLE TWP WD 1	26FEB68	79	4.0	8.0	2.1	10	62	0.6	0.3
33-118	PENNSVILLE TWP WD 1	02OCT80	65	3.4	8.6	1.8	12	64	1.7	-
33-118	PENNSVILLE TWP WD 1	08OCT82	73	<0.1	8.3	1.7	12	62	3.0	0.4
33-119	PENNSVILLE TWP WD 2	11JAN51	90	4.0	14	2.3	9.7	74	25	0.5
33-119	PENNSVILLE TWP WD 2	26FEB68	73	4.7	13	4.1	11	86	0.8	0.4
33-119	PENNSVILLE TWP WD 2	21SEP73	81	4.7	11	3.4	2.5	98	6.1	0.6
33-119	PENNSVILLE TWP WD 2	02OCT80	90	4.7	14	4.3	14	120	0.1	-
33-119	PENNSVILLE TWP WD 2	08OCT82	16	0.9	42	3.2	21	33	32	0.2
33-121	ATL CITY EL-DEEPWATER 3	15FEB68	78	3.6	5.4	1.4	10	46	3.9	1.2
33-122	ATL CITY EL-DEEPWATER 3R	22SEP80	61	4.1	11	3.1	14	57	4.3	-
33-122	ATL CITY EL-DEEPWATER 3R	12OCT82	67	3.0	9.6	2.5	13	52	4.0	0.9
33-123	ATL CITY EL-DEEPWATER 2	15FEB68	69	3.8	7.8	2.6	12	50	0.8	0.7
33-125	ATL CITY EL-DEEPWATER 5	15FEB68	63	3.8	6.4	1.6	13	42	1.6	0.6
33-125	ATL CITY EL-DEEPWATER 5	12OCT82	61	2.8	9.2	2.4	13	50	3.0	0.7
33-126	EI DUPONT-RANNEY 7	07DEC67	15	1.5	9.6	5.6	33	20	74	0.0
33-126	EI DUPONT-RANNEY 7	21OCT80	6.6	0.9	5.0	2.4	37	13	19	-
33-127	ATL CITY EL-DEEPWATER 6	15FEB68	66	4.9	14	4.8	14	62	1.0	0.4
33-127	ATL CITY EL-DEEPWATER 6	22SEP80	81	5.1	21	7.3	18	140	0.1	-
33-127	ATL CITY EL-DEEPWATER 6	12OCT82	72	2.6	9.6	2.5	14	53	5.0	0.9
33-128	EI DUPONT-RANNEY 6	07DEC67	23	1.9	11	7.0	30	56	44	0.0
33-135	EI DUPONT-RANNEY 5	19JAN68	300	25	119	66	36	630	592	0.5
33-137	EI DUPONT-DRINKWATER 8	06MAR51	80	2.2	3.4	0.3	8.5	37	13	0.0
33-137	EI DUPONT-DRINKWATER 8	15SEP52	-	-	-	-	-	30	17	-
33-137	EI DUPONT-DRINKWATER 8	15OCT80	120	2.5	3.9	0.9	8.0	72	8.7	-
33-147	SALEM CO OFFICE BLDG 1	14OCT80	88	4.5	6.1	1.7	8.5	27	12	-
33-158	ACME MARKETS 1	09FEB60	134	4.4	2.9	0.7	9.4	62	11	2.8
33-158	ACME MARKETS 1	27FEB68	143	4.8	3.0	0.7	6.5	72	8.4	3.0

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Total Iron (ug/L)	Diss. Iron (ug/L)	Total Manganese (ug/L)	Diss. Manganese (ug/L)	Diss. Organic Carbon	Dissolved Solids Residue at 180°C	Dissolved Solids Sum of Constituents
21- 95	ALLENTOWN WD 1	14APR58	6900	-	210	-	-	80	72
21- 95	ALLENTOWN WD 1	01JUL58	6900	-	0	-	-	80	75
21-147	PUB SERV E-G-DUCK ISL 1	09JUN80	-	12000	-	3000	6.8	379	350
21-202	HAMILTON SQ WC 6	04MAY50	150	-	0	-	-	28	27
21-202	HAMILTON SQ WC 6	14APR58	70	-	100	-	-	-	26
21-203	CHAMPALE INC-OLD WELL	26MAY50	150	-	0	-	-	182	175
21-207	HAND,WILLIAM 1-1930	20AUG58	1100	-	70	-	-	97	90
33- 64	EI DUPONT-COURSE LAND 3A	01MAY67	10	-	0	-	-	318	304
33- 65	EI DUPONT-COURSE LAND 3B	01MAY67	260	-	0	-	-	269	217
33- 65	EI DUPONT-COURSE LAND 3B	01MAY67	-	-	-	-	-	-	-
33- 66	EI DUPONT-COURSE LAND 3C	01MAY67	230	-	0	-	-	129	112
33- 67	EI DUPONT-COURSE LAND P1	18MAY67	-	-	-	-	-	228	223
33- 67	EI DUPONT-COURSE LAND P1	15OCT80	-	200	-	4	1.8	215	218
33- 69	NJ TPKE SERV AREA 1N-1	16FEB68	1500	-	30	-	-	104	103
33- 69	NJ TPKE SERV AREA 1N-1	08SEP80	-	1400	-	19	0.8	111	101
33- 70	NJ TPKE SERV AREA IN-2	16FEB68	2000	-	10	-	-	108	105
33- 74	OLDSMANS TWP WD 1	03OCT80	-	1500	-	12	3.3	113	112
33- 75	BSA-AUBURN HILL CAMP	05NOV58	-	-	-	-	-	117	110
33- 76	DAWSON, H W	20OCT80	-	22000	-	130	3.7	81	91
33- 77	PENNS GROVE WSC-PEDTN 11	09APR51	470	-	120	-	-	96	85
33- 77	PENNS GROVE WSC-PEDTN 11	16FEB68	19000	-	70	-	-	45	43
33- 80	AIRCO INDUSTRIAL GASES 1	03OCT80	-	2500	-	110	0.7	25	33
33- 83	BF GOODRICH CO 9	09OCT80	-	9300	-	180	1.9	48	56
33- 83	BF GOODRICH CO 9	21OCT82	-	9700	-	170	1.0	41	63
33- 85	BF GOODRICH CO 6	09OCT80	-	8800	-	280	3.6	63	76
33- 85	BF GOODRICH CO 6	21OCT82	-	9000	-	500	0.6	76	92
33- 86	BF GOODRICH CO 4	09OCT80	-	5300	-	37	5.0	638	702
33- 86	BF GOODRICH CO 4	21OCT82	-	5400	-	36	1.6	592	687
33-103	PENNS GROVE SEW AUTH 1	22SEP80	-	14700	-	210	5.7	120	106
33-106	LINSKI, ALEX 2-1962	10OCT80	-	2400	-	21	1.1	922	1020
33-107	NJDEP-FT MOTT STATE PK 1	26APR56	2100	-	20	-	-	346	336
33-107	NJDEP-FT MOTT STATE PK 1	15DEC59	3600	-	40	-	-	302	300
33-107	NJDEP-FT MOTT STATE PK 1	26FEB68	3600	-	20	-	-	289	290
33-108	US ARMY-FINNS PT CEM	19NOV59	4600	-	0	-	-	529	511
33-108	US ARMY-FINNS PT CEM	26FEB68	7700	-	40	-	-	469	467
33-108	US ARMY-FINNS PT CEM	10OCT80	-	1900	-	8	2.7	314	338
33-108	US ARMY-FINNS PT CEM	15OCT82	-	2000	-	10	1.0	304	329
33-112	PENNSVILLE TWP WD 4	27FEB68	2700	-	300	-	-	121	120
33-112	PENNSVILLE TWP WD 4	02OCT80	-	12000	-	470	1.7	130	149
33-112	PENNSVILLE TWP WD 4	08OCT82	-	12000	-	450	1.2	126	141
33-117	PENNSVILLE TWP WD 3	26FEB68	22000	-	260	-	-	78	74
33-117	PENNSVILLE TWP WD 3	02OCT80	-	20000	-	350	0.8	122	130
33-117	PENNSVILLE TWP WD 3	08OCT82	-	24000	-	410	1.5	92	144
33-118	PENNSVILLE TWP WD 1	26FEB68	3300	-	70	-	-	237	233
33-118	PENNSVILLE TWP WD 1	02OCT80	-	3600	-	66	1.4	231	226
33-118	PENNSVILLE TWP WD 1	08OCT82	-	3300	-	55	1.0	239	230
33-119	PENNSVILLE TWP WD 2	11JAN51	4800	-	0	-	-	244	292
33-119	PENNSVILLE TWP WD 2	26FEB68	18000	-	120	-	-	254	245
33-119	PENNSVILLE TWP WD 2	21SEP73	-	-	-	-	-	278	261
33-119	PENNSVILLE TWP WD 2	02OCT80	-	12000	-	130	1.7	300	332
33-119	PENNSVILLE TWP WD 2	08OCT82	-	45	-	21	0.6	210	194
33-121	ATL CITY EL-DEEPWATER 3	15FEB68	2600	-	60	-	-	233	226
33-122	ATL CITY EL-DEEPWATER 3R	22SEP80	-	6600	-	150	6.7	236	224
33-122	ATL CITY EL-DEEPWATER 3R	12OCT82	-	4800	-	92	1.8	245	229
33-123	ATL CITY EL-DEEPWATER 2	15FEB68	2500	-	70	-	-	220	214
33-125	ATL CITY EL-DEEPWATER 5	15FEB68	2400	-	80	-	-	202	196
33-125	ATL CITY EL-DEEPWATER 5	12OCT82	-	6300	-	110	1.6	207	221
33-126	EI DUPONT-RANNEY 7	07DEC67	930	-	900	-	-	154	160
33-126	EI DUPONT-RANNEY 7	21OCT80	-	24000	-	550	3.0	130	136
33-127	ATL CITY EL-DEEPWATER 6	15FEB68	2500	-	230	-	-	242	237
33-127	ATL CITY EL-DEEPWATER 6	22SEP80	-	29000	-	630	5.0	383	358
33-127	ATL CITY EL-DEEPWATER 6	12OCT82	-	6900	-	100	5.8	239	239
33-128	EI DUPONT-RANNEY 6	07DEC67	610	-	1000	-	-	190	174
33-135	EI DUPONT-RANNEY 5	19JAN68	33000	-	7400	-	-	2010	1830
33-137	EI DUPONT-DRINKWATER 8	06MAR51	1800	-	10	-	-	218	217
33-137	EI DUPONT-DRINKWATER 8	15SEP52	840	-	-	-	-	-	-
33-137	EI DUPONT-DRINKWATER 8	15OCT80	-	600	-	7	3.3	288	301
33-147	SALEM CO OFFICE BLDG 1	14OCT80	-	150	-	2	3.9	236	245
33-158	ACME MARKETS 1	09FEB60	550	-	170	-	-	380	350
33-158	ACME MARKETS 1	27FEB68	2500	-	40	-	-	384	371

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Temperature (°C)	Specific Conductance (micromhos) Field	Specific Conductance (micromhos) Lab	pH (Units) Field	pH (Units) Lab	Alkalinity (As CaCO3) Field	Alkalinity (As CaCO3) Lab	Dissolved Oxygen	Hardness (As CaCO3) Total	Hardness (As CaCO3) Noncarbonate
33-163	RICHMAN ICE CREAM 1	27APR56	15.5	-	517	-	8.4	-	188	-	10	0
33-163	RICHMAN ICE CREAM 1	27FEB68	15.0	-	409	-	8.6	-	-	-	6	0
33-163	RICHMAN ICE CREAM 1	16SEP80	16.0	391	-	8.0	-	170	-	-	8	0
33-163	RICHMAN ICE CREAM 1	15OCT82	15.0	367	389	8.1	8.0	160	-	0.5	5	0
33-164	RICHMAN ICE CREAM 2	27FEB68	16.0	-	523	-	8.5	-	-	-	9	0
33-165	EI DUPONT-COURSE LAND 4A	01MAY67	-	-	439	-	8.3	-	-	-	7	0
33-166	EI DUPONT-COURSE LAND 4B	01MAY67	-	-	382	-	8.0	-	-	-	3	0
33-167	EI DUPONT-COURSE LAND 4C	01MAY67	-	-	416	-	8.2	-	-	-	5	0
33-182	DAVIS, ALLEN	23FEB60	13.5	-	527	-	7.7	-	212	-	240	24
33-187	USGS-POINT AIRY OBS	23SEP58	14.5	-	526	-	7.8	-	217	-	220	2
33-187	USGS-POINT AIRY OBS	24OCT58	16.0	-	607	-	8.0	-	174	-	10	0
33-187	USGS-POINT AIRY OBS	24DEC58	15.0	-	971	-	8.0	-	197	-	13	0
33-194	KELLY, W F	29JAN60	16.0	-	383	-	7.7	-	148	-	17	0
33-198	DUBOIS BROTHERS IRR 74	16SEP80	15.5	247	-	7.7	-	130	-	-	29	0
33-251	USGS-SALEM 1 OBS	06JUN78	16.0	5000	-	6.9	-	123	-	-	540	420
33-251	USGS-SALEM 1 OBS	22NOV82	16.5	5820	6000	6.8	7.3	160	-	0.2	490	330
33-253	USGS-SALEM 3 OBS	02SEP65	15.5	-	2490	-	8.2	-	-	-	240	60
33-253	USGS-SALEM 3 OBS	22NOV82	15.0	2475	2620	7.6	7.8	190	-	0.2	230	41
33-299	EI DUPONT-COURSE LAND 1A	01MAY67	-	-	849	-	8.4	-	-	-	27	0
33-300	EI DUPONT-COURSE LAND 1B	01MAY67	-	-	378	-	8.2	-	-	-	29	0
33-301	EI DUPONT-COURSE LAND 1C	01MAY67	-	-	256	-	7.6	-	-	-	50	0
33-302	EI DUPONT-COURSE LAND 2A	01MAY67	-	-	398	-	8.3	-	-	-	24	0
33-303	EI DUPONT-COURSE LAND 2B	01MAY67	-	-	643	-	8.2	-	-	-	16	0
33-304	EI DUPONT-COURSE LAND 2C	01MAY67	-	-	347	-	8.1	-	-	-	14	0
33-305	EI DUPONT-COURSE LAND P3	15OCT80	15.0	255	-	7.4	-	132	-	-	8	0
33-307	EI DUPONT-RANNEY 1	06MAR51	-	-	515	-	4.2	-	0	-	93	93
33-307	EI DUPONT-RANNEY 1	07DEC67	-	-	1040	-	3.5	-	-	-	140	137
33-308	EI DUPONT-RANNEY 2	07DEC67	-	-	544	-	8.4	-	-	-	10	0
33-309	EI DUPONT-RANNEY 3	07DEC67	-	-	129	-	7.2	-	-	-	34	13
33-310	EI DUPONT-RANNEY 4	07DEC67	-	-	2340	-	3.0	-	-	-	380	375
33-322	EI DUPONT-CARNEY PT 2	15OCT80	14.5	600	-	7.4	-	100	-	-	89	0
33-322	EI DUPONT-CARNEY PT 2	16NOV82	20.0	760	675	6.8	6.6	120	-	0.4	110	0
33-325	EI DUPONT-CARNEY PT 3	16FEB68	13.0	-	1220	-	3.2	-	-	-	210	212
33-326	EI DUPONT-CARNEY PT 4	16FEB68	13.0	-	1420	-	3.6	-	-	-	250	250
33-328	EI DUPONT-CARNEY PT 1	16FEB68	14.0	-	856	-	7.5	-	-	-	140	121
33-330	PENNS GROVE WC-LAYTON 11	11JAN51	9.0	-	1130	-	7.9	-	145	-	32	0
33-330	PENNS GROVE WC-LAYTON 11	16FEB68	-	-	1120	-	8.4	-	-	-	29	0
33-333	EI DUPONT-CARNEY PT 5	16FEB68	14.0	-	166	-	4.7	-	-	-	30	30
33-334	EI DUPONT-CARNEY PT 6	16FEB68	13.0	-	419	-	7.4	-	-	-	63	44
33-335	EI DUPONT-CARNEY PT 7	16FEB68	14.0	-	628	-	8.3	-	-	-	13	0
33-342	PENNS GROVE 24 OBS	24JUN75	13.0	230	-	5.0	-	-	2	-	71	69
33-342	PENNS GROVE 24 OBS	06MAY76	13.0	281	-	5.3	-	-	4	-	70	66
33-345	PENNS GROVE WC 2B	23SEP80	13.0	178	-	5.1	-	4	-	-	58	54
33-345	PENNS GROVE WC 2B	12OCT82	13.0	197	208	5.1	5.3	4	-	3.6	58	54
33-346	PENNS GROVE WC-LAYNE 1	16FEB68	14.0	-	946	-	8.4	-	-	-	26	0
33-346	PENNS GROVE WC-LAYNE 1	23SEP80	14.5	886	-	7.5	-	134	-	-	31	0
33-346	PENNS GROVE WC-LAYNE 1	12OCT82	14.5	900	984	7.5	7.5	140	-	0.2	32	0
33-347	PENNS GROVE WC-RANNEY	11JAN51	11.0	-	210	-	8.1	-	47	-	81	34
33-353	WOODSTOWN BORO WD 1	11JAN51	16.5	-	864	-	8.1	-	200	-	11	0
33-353	WOODSTOWN BORO WD 1	19NOV58	16.5	-	866	-	8.1	-	210	-	12	0
33-353	WOODSTOWN BORO WD 1	09DEC58	16.5	-	865	-	7.9	-	191	-	12	0
33-353	WOODSTOWN BORO WD 1	27FEB68	17.0	-	913	-	8.6	-	-	-	12	0
33-354	WOODSTOWN BORO WD 2	27FEB68	17.0	-	960	-	8.6	-	-	-	13	0
33-354	WOODSTOWN BORO WD 2	06OCT80	17.5	912	-	8.1	-	204	-	-	14	0
33-355	WOODSTOWN ICE & COAL 1	23OCT58	14.5	-	507	-	7.5	-	159	-	110	0
33-360	PENNSVILLE T WD 5	02OCT80	14.0	154	-	6.8	-	72	-	-	31	0
33-361	PENNS GROVE WC-LAYTN1-79	23SEP80	15.0	214	-	5.9	-	18	-	-	75	57
33-362	WOODSTOWN BORO WD 3	06OCT80	19.0	887	-	7.9	-	245	-	-	13	0
33-364	PSEG-SALEM NUC GEN STA 5	22OCT82	19.5	355	377	7.9	7.5	160	-	0.3	9	0
33-401	PUBLIC SERVICE TEST 1-80	09SEP80	22.5	1140	-	7.8	-	102	-	-	31	0
33-419	NL INDUSTRIES MON 8R	21NOV80	14.0	84	79	6.2	6.3	32	-	-	30	0
33-420	NL INDUSTRIES MON 9R2	21NOV80	15.0	52	45	5.7	5.6	11	-	-	10	0
33-421	SPARKS, MAYHEW	20NOV80	17.5	509	568	6.2	6.5	92	-	-	180	91

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Diss. Sodium	Diss. Potassium	Diss. Calcium	Diss. Magnesium	Diss. Silica	Diss. Chloride	Diss. Sulfate	Diss. Fluoride
33-163	RICHMAN ICE CREAM 1	27APR56	108	3.2	3.0	0.6	7.8	42	5.4	2.1
33-163	RICHMAN ICE CREAM 1	27FEB68	94	3.2	1.7	0.4	8.3	22	4.0	1.2
33-163	RICHMAN ICE CREAM 1	16SEP80	83	2.9	2.7	0.3	8.0	21	3.1	-
33-163	RICHMAN ICE CREAM 1	15OCT82	94	2.3	1.5	0.3	7.8	14	3.0	1.5
33-164	RICHMAN ICE CREAM 2	27FEB68	118	3.8	2.5	0.6	7.9	49	6.4	1.8
33-165	EI DUPONT-COURSE LAND 4A	01MAY67	110	3.8	2.0	0.5	8.7	22	2.9	3.0
33-166	EI DUPONT-COURSE LAND 4B	01MAY67	98	2.2	1.0	0.2	8.0	10	9.8	0.2
33-167	EI DUPONT-COURSE LAND 4C	01MAY67	100	2.8	1.0	0.5	8.4	19	4.1	2.0
33-182	DAVIS, ALLEN	23FEB60	22	9.2	78	10	5.6	4.0	64	0.3
33-187	USGS-POINT AIRY OBS	23SEP58	25	6.1	74	8.4	12	5.2	65	0.3
33-187	USGS-POINT AIRY OBS	24OCT58	134	4.5	2.4	1.0	13	73	25	0.7
33-187	USGS-POINT AIRY OBS	24DEC58	200	3.3	3.6	1.0	9.3	180	4.7	1.2
33-194	KELLY, W F	29JAN60	82	6.2	4.5	1.5	8.7	25	16	0.7
33-198	DUBOIS BROTHERS IRR 74	16SEP80	44	5.0	8.4	1.9	7.9	2.3	2.4	-
33-251	USGS-SALEM 1 OBS	06JUN78	1000	29	160	35	7.1	1900	2.3	0.3
33-251	USGS-SALEM 1 OBS	22NOV82	1000	21	150	29	7.6	1900	10	0.3
33-253	USGS-SALEM 3 OBS	02SEP65	425	15	66	19	9.5	700	7.6	0.6
33-253	USGS-SALEM 3 OBS	22NOV82	420	16	63	18	8.0	670	5.0	0.6
33-299	EI DUPONT-COURSE LAND 1A	01MAY67	170	5.0	7.0	2.2	4.5	176	11	0.8
33-300	EI DUPONT-COURSE LAND 1B	01MAY67	76	4.5	7.8	2.2	4.7	42	14	0.6
33-301	EI DUPONT-COURSE LAND 1C	01MAY67	30	5.8	12	4.8	5.6	22	38	0.2
33-302	EI DUPONT-COURSE LAND 2A	01MAY67	80	4.1	7.2	1.5	5.3	42	15	0.5
33-303	EI DUPONT-COURSE LAND 2B	01MAY67	130	3.4	4.4	1.1	3.3	138	9.3	0.4
33-304	EI DUPONT-COURSE LAND 2C	01MAY67	78	4.9	3.8	1.1	8.4	30	3.7	1.0
33-305	EI DUPONT-COURSE LAND P3	15OCT80	58	2.9	2.3	0.5	8.6	9.9	1.1	-
33-307	EI DUPONT-RANNEY 1	06MAR51	50	3.6	19	11	24	93	82	0.3
33-307	EI DUPONT-RANNEY 1	07DEC67	110	6.5	25	18	28	180	176	0.9
33-308	EI DUPONT-RANNEY 2	07DEC67	113	3.2	2.5	1.0	8.1	84	8.8	0.6
33-309	EI DUPONT-RANNEY 3	07DEC67	10	1.6	6.2	4.5	32	20	7.1	0.0
33-310	EI DUPONT-RANNEY 4	07DEC67	196	21	63	53	50	292	549	3.2
33-322	EI DUPONT-CARNEY PT 2	15OCT80	85	11	29	3.7	4.9	120	15	-
33-322	EI DUPONT-CARNEY PT 2	16NOV82	91	8.7	29	9.1	18	58	45	0.2
33-325	EI DUPONT-CARNEY PT 3	16FEB68	98	3.8	42	26	32	177	215	0.0
33-326	EI DUPONT-CARNEY PT 4	16FEB68	159	5.1	44	34	30	282	193	0.0
33-328	EI DUPONT-CARNEY PT 1	16FEB68	101	6.6	36	13	14	190	80	0.2
33-330	PENNS GROVE WC-LAYTON 11	11JAN51	225	3.7	9.5	1.9	8.2	256	9.0	0.8
33-330	PENNS GROVE WC-LAYTON 11	16FEB68	223	5.0	8.3	1.9	7.7	242	7.7	0.6
33-333	EI DUPONT-CARNEY PT 5	16FEB68	13	1.6	6.5	3.3	25	21	32	0.1
33-334	EI DUPONT-CARNEY PT 6	16FEB68	51	4.1	16	5.6	10	73	48	0.1
33-335	EI DUPONT-CARNEY PT 7	16FEB68	133	3.5	3.9	0.9	7.6	102	6.1	0.6
33-342	PENNS GROVE 24 OBS	24JUN75	5.3	2.7	14	8.8	17	12	61	0.1
33-342	PENNS GROVE 24 OBS	06MAY76	4.9	2.4	13	9.0	17	10	64	0.1
33-345	PENNS GROVE WC 2B	23SEP80	9.4	2.5	9.6	8.1	13	13	46	-
33-345	PENNS GROVE WC 2B	12OCT82	11	1.8	9.7	8.3	13	13	54	<0.1
33-346	PENNS GROVE WC-LAYNE 1	16FEB68	190	4.7	7.8	1.7	7.7	195	6.7	0.6
33-346	PENNS GROVE WC-LAYNE 1	23SEP80	200	4.5	9.2	1.8	8.0	210	4.2	-
33-346	PENNS GROVE WC-LAYNE 1	12OCT82	210	3.2	9.8	1.9	8.3	220	8.0	0.8
33-347	PENNS GROVE WC-RANNEY	11JAN51	7.2	2.0	24	5.2	14	9.4	29	0.1
33-353	WOODSTOWN BORO WD 1	11JAN51	195	4.3	3.8	0.3	8.9	137	32	2.6
33-353	WOODSTOWN BORO WD 1	19NOV58	200	4.6	3.6	0.7	9.6	146	5.5	2.2
33-353	WOODSTOWN BORO WD 1	09DEC58	172	4.5	3.9	0.6	9.9	139	5.4	2.5
33-353	WOODSTOWN BORO WD 1	27FEB68	200	5.5	3.2	0.9	8.4	158	6.3	2.4
33-354	WOODSTOWN BORO WD 2	27FEB68	197	5.4	3.8	0.9	8.3	162	5.4	2.0
33-354	WOODSTOWN BORO WD 2	06OCT80	240	4.6	3.9	0.9	8.1	170	6.6	-
33-355	WOODSTOWN ICE & COAL 1	23OCT58	68	7.8	34	7.3	8.6	13	86	0.3
33-360	PENNSVILLE T WD 5	02OCT80	6.7	1.4	7.2	3.1	53	6.4	3.6	-
33-361	PENNS GROVE WC-LAYTN1-79	23SEP80	4.7	4.1	15	9.0	13	19	33	-
33-362	WOODSTOWN BORO WD 3	06OCT80	240	4.6	3.9	0.8	8.2	170	7.1	-
33-364	PSEG-SALEM NUC GEN STA 5	22OCT82	94	3.1	2.5	0.6	9.1	23	5.0	1.0
33-401	PUBLIC SERVICE TEST 1-80	09SEP80	250	-	9.5	1.7	9.2	300	4.8	-
33-419	NL INDUSTRIES MON 8R	21NOV80	2.6	1.8	9.5	1.4	11	6.2	0.0	-
33-420	NL INDUSTRIES MON 9R2	21NOV80	2.9	1.2	2.8	0.7	11	7.4	1.0	-
33-421	SPARKS, MAYHEW	20NOV80	8.4	40	45	17	7.0	35	79	-

TABLE 3.--RESULTS OF ANALYSES OF GROUND-WATER SAMPLES FOR COMMON CONSTITUENTS AND PHYSICAL CHARACTERISTICS--Continued.

[Concentrations in milligrams per liter, except as noted.]

Well Number	Local Well Identifier	Date of Sample	Total Iron (ug/L)	Diss. Iron (ug/L)	Total Manganese (ug/L)	Diss. Manganese (ug/L)	Diss. Organic Carbon	Dissolved Solids Residue at 180°C	Dissolved Solids Sum of Constituents
33-163	RICHMAN ICE CREAM 1	27APR56	40	-	0	-	-	-	-
33-163	RICHMAN ICE CREAM 1	27FEB68	170	-	10	-	-	245	241
33-163	RICHMAN ICE CREAM 1	16SEP80	-	930	-	12	5.1	250	227
33-163	RICHMAN ICE CREAM 1	15OCT82	-	33	-	2	2.7	227	221
33-164	RICHMAN ICE CREAM 2	27FEB68	130	-	10	-	-	309	304
33-165	EI DUPONT-COURSE LAND 4A	01MAY67	970	-	-	-	-	333	274
33-166	EI DUPONT-COURSE LAND 4B	01MAY67	2800	-	40	-	-	-	244
33-167	EI DUPONT-COURSE LAND 4C	01MAY67	640	-	0	-	-	290	257
33-182	DAVIS, ALLEN	23FEB60	110	-	70	-	-	329	321
33-187	USGS-POINT AIRY OBS	23SEP58	-	-	-	-	-	331	327
33-187	USGS-POINT AIRY OBS	24OCT58	-	-	-	-	-	380	359
33-187	USGS-POINT AIRY OBS	24DEC58	-	-	-	-	-	585	523
33-194	KELLY, W F	29JAN60	440	-	220	-	-	258	234
33-198	DUBOIS BROTHERS IRR 74	16SEP80	-	410	-	7	1.9	163	152
33-251	USGS-SALEM 1 OBS	06JUN78	7500	7500	190	170	1.7	3910	3220
33-251	USGS-SALEM 1 OBS	22NOV82	-	6100	-	80	1.5	3720	3220
33-253	USGS-SALEM 3 OBS	02SEP65	970	-	10	-	-	1400	1350
33-253	USGS-SALEM 3 OBS	22NOV82	-	630	-	10	3.2	1350	1320
33-299	EI DUPONT-COURSE LAND 1A	01MAY67	-	-	-	-	-	479	466
33-300	EI DUPONT-COURSE LAND 1B	01MAY67	-	-	-	-	-	228	223
33-301	EI DUPONT-COURSE LAND 1C	01MAY67	-	-	0	-	-	157	152
33-302	EI DUPONT-COURSE LAND 2A	01MAY67	240	-	-	-	-	273	231
33-303	EI DUPONT-COURSE LAND 2B	01MAY67	-	-	-	-	-	357	351
33-304	EI DUPONT-COURSE LAND 2C	01MAY67	390	-	-	-	-	235	211
33-305	EI DUPONT-COURSE LAND P3	15OCT80	-	350	-	5	2.0	155	164
33-307	EI DUPONT-RANNEY 1	06MAR51	8000	-	2400	-	-	-	301
33-307	EI DUPONT-RANNEY 1	07DEC67	2400	-	3000	-	-	580	549
33-308	EI DUPONT-RANNEY 2	07DEC67	1400	-	40	-	-	307	302
33-309	EI DUPONT-RANNEY 3	07DEC67	2500	-	580	-	-	109	94
33-310	EI DUPONT-RANNEY 4	07DEC67	2100	-	8000	-	-	1280	1240
33-322	EI DUPONT-CARNEY PT 2	15OCT80	-	1400	-	220	4.5	327	331
33-322	EI DUPONT-CARNEY PT 2	16NOV82	-	26000	-	510	-	382	358
33-325	EI DUPONT-CARNEY PT 3	16FEB68	93000	-	4200	-	-	623	598
33-326	EI DUPONT-CARNEY PT 4	16FEB68	118000	-	4200	-	-	833	752
33-328	EI DUPONT-CARNEY PT 1	16FEB68	47000	-	840	-	-	522	457
33-330	PENNS GROVE WC-LAYTON 11	11JAN51	1500	100	0	-	-	593	603
33-330	PENNS GROVE WC-LAYTON 11	16FEB68	600	-	0	-	-	606	587
33-333	EI DUPONT-CARNEY PT 5	16FEB68	35000	-	600	-	-	113	104
33-334	EI DUPONT-CARNEY PT 6	16FEB68	23000	-	230	-	-	238	220
33-335	EI DUPONT-CARNEY PT 7	16FEB68	340	-	0	-	-	353	345
33-342	PENNS GROVE 24 OBS	24JUN75	2800	270	190	180	1.6	149	123
33-342	PENNS GROVE 24 OBS	06MAY76	620	220	150	150	2.8	146	123
33-345	PENNS GROVE WC 2B	23SEP80	-	21	-	170	2.2	142	105
33-345	PENNS GROVE WC 2B	12OCT82	-	27	-	140	1.2	134	113
33-346	PENNS GROVE WC-LAYNE 1	16FEB68	930	-	10	-	-	515	499
33-346	PENNS GROVE WC-LAYNE 1	23SEP80	-	770	-	7	1.6	523	529
33-346	PENNS GROVE WC-LAYNE 1	12OCT82	-	800	-	7	1.9	530	547
33-347	PENNS GROVE WC-RANNEY	11JAN51	900	-	0	-	-	133	129
33-353	WOODSTOWN BORO WD 1	11JAN51	100	-	0	-	-	478	505
33-353	WOODSTOWN BORO WD 1	19NOV58	-	-	-	-	-	509	498
33-353	WOODSTOWN BORO WD 1	09DEC58	50	-	0	-	-	522	453
33-353	WOODSTOWN BORO WD 1	27FEB68	140	-	0	-	-	511	510
33-354	WOODSTOWN BORO WD 2	27FEB68	210	-	20	-	-	521	509
33-354	WOODSTOWN BORO WD 2	06OCT80	-	100	-	3	3.9	542	559
33-355	WOODSTOWN ICE & COAL 1	23OCT58	-	-	-	-	-	328	321
33-360	PENNSVILLE T WD 5	02OCT80	-	17000	-	740	15	123	144
33-361	PENNS GROVE WC-LAYTN1-79	23SEP80	-	19	-	66	4.3	151	109
33-362	WOODSTOWN BORO WD 3	06OCT80	-	6	-	4	3.3	541	584
33-364	PSEG-SALEM NUC GEN STA 5	22OCT82	-	150	-	4	1.7	230	235
33-401	PUBLIC SERVICE TEST 1-80	09SEP80	710	23	20	20	-	585	639
33-419	NL INDUSTRIES MON 8R	21NOV80	-	1300	-	460	0.3	52	54
33-420	NL INDUSTRIES MON 9R2	21NOV80	-	3000	-	62	4.0	40	37
33-421	SPARKS, MAYHEW	20NOV80	-	12	-	1400	5.0	358	333

TABLE 4.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED TRACE METALS.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Aluminum	Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium	Cobalt
5- 39	NJ WC-DEL VALLEY WC 15	30JUN80	-	-	110	<1	<1	-	-	<3
5- 39	NJ WC-DEL VALLEY WC 15	17DEC82	100	1	-	-	-	10	<1	-
5- 43	OCEAN SPRAY 1	05JUN80	-	-	100	<1	2	-	-	<3
5- 48	NJ DEPT DEF-NAT GUARD 1	04OCT71	-	-	-	-	-	-	-	-
5- 48	NJ DEPT DEF-NAT GUARD 1	05JUN80	-	-	80	<1	<1	-	-	<3
5- 51	BURLINGTON CITY WD 3	12JUN80	-	-	100	<1	4	-	-	<3
5- 63	WILLINGBORO MUA 1-OBS	25JUL80	-	-	70	<1	4	-	-	<3
5- 76	HEAL, CHARLES	19JUN80	-	-	60	<1	10	-	-	<3
5- 77	BURLINGTON TWP WD 1-1973	12JUN80	-	-	90	<1	4	-	-	<3
5- 86	TENNECO CHEM 5	12AUG82	500	1	-	-	-	10	<1	-
5- 87	TENNECO CHEM 5-OBS	25JUL80	-	-	230	1	3	-	-	13
5- 89	TENNECO CHEM 7	20JUN80	-	-	70	<1	5	-	-	<3
5- 89	TENNECO CHEM 7	12AUG82	200	1	-	-	-	10	<1	-
5- 91	TENNECO CHEM 4	30JUL82	100	1	-	-	-	10	<1	-
5- 92	TENNECO CHEM 1	25JUL80	-	-	30	<1	15	-	-	<3
5- 94	TENNECO CHEM 3	20JUN80	-	-	60	<1	2	-	-	8
5-100	HERCULES POWDER 2	11JUN80	-	-	100	<1	8	-	-	<3
5-102	COLUMBUS METAL 1	11JUN80	-	-	30	<1	2	-	-	<3
5-105	HOOKER CHEM CO-PROD 1	26JUN80	-	-	50	1	<1	-	-	<3
5-105	HOOKER CHEM CO-PROD 1	16DEC82	100	1	-	-	-	10	<1	-
5-121	NJ STATE REFORMATORY 4	05JUN80	-	-	70	<1	3	-	-	<3
5-123	NJ WC-DEL VALLEY WC 28	06AUG80	-	-	50	<1	2	-	-	<3
5-123	NJ WC-DEL VALLEY WC 28	02DEC82	<100	1	-	-	-	10	1	-
5-126	NJ WC-DEL VALLEY WC 12	06AUG80	-	-	110	<1	2	-	-	5
5-126	NJ WC-DEL VALLEY WC 12	17DEC82	200	1	-	-	-	10	<1	-
5-127	NJ WC-DEL VALLEY WC 14	30JUN80	-	-	80	<1	2	-	-	6
5-127	NJ WC-DEL VALLEY WC 14	02DEC82	<100	1	-	-	-	10	<1	-
5-130	NJ WC-DEL VALLEY WC 13	30JUN80	-	-	90	<1	2	-	-	7
5-130	NJ WC-DEL VALLEY WC 13	02DEC82	<100	1	-	-	-	10	1	-
5-139	HOLIDAY LAKE WORTHINGTON	29AUG80	-	-	110	<1	4	-	-	6
5-140	CHANT, HARRY	29AUG80	-	-	50	<1	4	-	-	<3
5-143	NJ WC-DEL VALLEY WC 23	02DEC82	100	1	-	-	-	10	1	-
5-144	NJ WC-DEL VALLEY WC 24	30JUN80	-	-	70	1	<1	-	-	11
5-162	DAYMENN CONVERTING	19JUN80	-	-	110	<1	4	-	-	4
5-167	EVESHAM MUA 5	01SEP82	100	1	-	-	-	20	<1	-
5-170	EVESHAM MUA 1	11AUG66	100	-	-	-	-	-	-	-
5-184	HUNT BROS CIRCUS	06JUN80	-	-	50	<1	<1	-	-	51
5-185	SHERWATT EQUIPMENT 1	06JUN80	-	-	90	<1	1	-	-	<3
5-189	FLORENCE TWP WD 2	12JUN80	-	-	70	<1	4	-	-	<3
5-189	FLORENCE TWP WD 2	16DEC82	100	1	-	-	-	10	<1	-
5-201	ACACIA LUMBERTON MANOR	14SEP82	<100	1	-	-	-	10	<1	-
5-208	COLUMBUS WC 2	16AUG67	0	-	-	-	-	-	-	-
5-208	COLUMBUS WC 2	22OCT80	-	-	120	<1	<1	-	-	6
5-209	COLUMBUS WC-TEST 1969	05OCT71	-	-	-	-	-	-	-	-
5-212	N BURL CO HIGH SCHOOL 1	22OCT80	-	-	110	<1	<1	-	-	16
5-214	WALDER, THOMAS	29JUL80	-	-	110	<1	4	-	-	<3
5-217	TRNPKE JCT IND PARK 1	04OCT71	-	-	-	-	-	-	-	-
5-228	MAPLE SHADE WD10	28AUG80	-	-	70	<1	6	-	-	<3
5-228	MAPLE SHADE WD10	25OCT82	<100	1	-	-	-	10	<1	-
5-229	MAPLE SHADE WD 9	29AUG80	-	-	100	<1	7	-	-	<3
5-229	MAPLE SHADE WD 9	25OCT82	100	1	-	-	-	10	<1	-
5-231	MAPLE SHADE WD 5	10AUG66	0	-	-	-	-	-	-	-
5-232	MAPLE SHADE WD 8	15JUL80	-	-	90	<1	7	-	-	<3
5-233	MAPLE SHADE WD 4	10AUG66	100	-	-	-	-	-	-	-
5-251	MEDFORD WC 4	15OCT71	0	-	-	-	-	-	-	-
5-251	MEDFORD WC 4	14SEP82	100	1	-	-	-	10	<1	-
5-252	MEDFORD WC 3	14SEP82	<100	1	-	-	-	<10	<1	-
5-258	USGS-MEDFORD 1 OBS	20APR72	-	-	-	-	-	-	-	-
5-258	USGS-MEDFORD 1 OBS	30AUG82	<100	1	-	-	-	10	<1	-
5-261	USGS-MEDFORD 5 OBS	29APR72	-	-	-	-	-	-	-	-
5-261	USGS-MEDFORD 5 OBS	31AUG82	<100	<1	-	-	-	20	<1	-
5-262	USGS-MEDFORD 4 OBS	21APR72	-	-	-	-	-	-	-	-
5-262	USGS-MEDFORD 4 OBS	18OCT82	100	<1	-	-	-	10	<1	-
5-265	MOORESTOWN TWP WD 6	10AUG66	0	-	-	-	-	-	-	-
5-265	MOORESTOWN TWP WD 6	11JUL80	-	-	90	<1	4	-	-	<3
5-268	PRICE BLDRS-LAYNE NY 1	11AUG66	100	-	-	-	-	-	-	-
5-273	MOORESTOWN FIELD CLUB 1	27JUN80	-	-	80	<1	7	-	-	<3
5-277	CAMPBELL SOUP 3	26JUN80	-	-	260	<1	<1	-	-	<3
5-283	MOORESTOWN TWP WD 8	11JUL80	-	-	90	<1	2	-	-	<3
5-284	MOORESTOWN TWP WD 4	10AUG66	100	-	-	-	-	-	-	-

TABLE 4.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED TRACE METALS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Copper	Lead	Lithium	Molybdenum	Strontium	Vanadium	Zinc
5- 39	NJ WC-DEL VALLEY WC 15	30JUN80	<10	<10	<4	22	83	<6	46
5- 39	NJ WC-DEL VALLEY WC 15	17DEC82	-	-	-	-	-	-	-
5- 43	OCEAN SPRAY 1	05JUN80	<10	<10	12	<10	200	<6	<4
5- 48	NJ DEPT DEF-NAT GUARD 1	04OCT71	-	-	10	-	180	-	-
5- 48	NJ DEPT DEF-NAT GUARD 1	05JUN80	<10	<10	11	<10	200	<6	27
5- 51	BURLINGTON CITY WD 3	12JUN80	<10	-	12	<10	220	<6	8
5- 63	WILLINGBORO MUA 1-OBS	25JUL80	<10	<10	8	<10	440	<6	6
5- 76	HEAL, CHARLES	19JUN80	<10	<10	9	<10	240	<6	<4
5- 77	BURLINGTON TWP WD 1-1973	12JUN80	<10	-	8	<10	380	<6	12
5- 86	TENNECO CHEM 5	12AUG82	-	-	-	-	-	-	-
5- 87	TENNECO CHEM 5-OBS	25JUL80	<10	12	24	<10	79	<6	79
5- 89	TENNECO CHEM 7	20JUN80	<10	-	10	<10	300	<6	23
5- 89	TENNECO CHEM 7	12AUG82	-	-	-	-	-	-	-
5- 91	TENNECO CHEM 4	30JUL82	-	-	-	-	-	-	-
5- 92	TENNECO CHEM 1	25JUL80	<10	28	26	<10	180	<6	83
5- 94	TENNECO CHEM 3	20JUN80	<10	-	5	<10	130	<6	6
5-100	HERCULES POWDER 2	11JUN80	<10	<10	21	<10	120	14	12
5-102	COLUMBUS METAL 1	11JUN80	<10	<10	18	14	33	<6	<4
5-105	HOOKER CHEM CO-PROD 1	26JUN80	<10	-	6	<10	47	<6	7
5-105	HOOKER CHEM CO-PROD 1	16DEC82	-	-	-	-	-	-	-
5-121	NJ STATE REFORMATORY 4	05JUN80	<10	-	12	11	170	<6	<4
5-123	NJ WC-DEL VALLEY WC 28	06AUG80	25	<10	8	<10	65	<6	56
5-123	NJ WC-DEL VALLEY WC 28	02DEC82	-	-	-	-	-	-	-
5-126	NJ WC-DEL VALLEY WC 12	06AUG80	17	<10	<4	<10	67	<6	12
5-126	NJ WC-DEL VALLEY WC 12	17DEC82	-	-	-	-	-	-	-
5-127	NJ WC-DEL VALLEY WC 14	30JUN80	40	<10	9	<10	55	<6	34
5-127	NJ WC-DEL VALLEY WC 14	02DEC82	-	-	-	-	-	-	-
5-130	NJ WC-DEL VALLEY WC 13	30JUN80	250	-	6	11	63	<6	33
5-130	NJ WC-DEL VALLEY WC 13	02DEC82	-	-	-	-	-	-	-
5-139	HOLIDAY LAKE WORTHINGTON	29AUG80	15	<10	22	11	170	10	30
5-140	CHANT, HARRY	29AUG80	<10	13	15	<10	180	<6	18
5-143	NJ WC-DEL VALLEY WC 23	02DEC82	-	-	-	-	-	-	-
5-144	NJ WC-DEL VALLEY WC 24	30JUN80	44	<10	15	<10	41	<6	30
5-162	DAYMENN CONVERTING	19JUN80	770	-	<4	<10	290	<6	49
5-167	EVESHAM MUA 5	01SEP82	-	-	-	-	-	-	-
5-170	EVESHAM MUA 1	11AUG66	-	-	-	-	-	-	-
5-184	HUNT BROS CIRCUS	06JUN80	<10	<10	5	<10	82	<6	51
5-185	SHERWATT EQUIPMENT 1	06JUN80	<10	<10	27	<10	180	7	18
5-189	FLORENCE TWP WD 2	12JUN80	<10	-	4	<10	110	<6	40
5-189	FLORENCE TWP WD 2	16DEC82	-	-	-	-	-	-	-
5-201	ACACIA LUMBERTON MANOR	14SEP82	-	-	-	-	-	-	-
5-208	COLUMBUS WC 2	16AUG67	-	-	-	-	-	-	-
5-208	COLUMBUS WC 2	22OCT80	<10	<10	<4	<10	360	<6	<4
5-209	COLUMBUS WC-TEST 1969	05OCT71	-	-	0	-	400	-	-
5-212	N BURL CO HIGH SCHOOL 1	22OCT80	<10	<10	6	<10	270	<6	<4
5-214	WALDER, THOMAS	29JUL80	<10	12	5	<10	410	<6	16
5-217	TRNPKE JCT IND PARK 1	04OCT71	-	-	10	-	340	-	-
5-228	MAPLE SHADE WD10	28AUG80	<10	13	8	<10	870	<6	<4
5-228	MAPLE SHADE WD10	25OCT82	-	-	-	-	-	-	-
5-229	MAPLE SHADE WD 9	29AUG80	<10	<10	16	<10	450	<6	<4
5-229	MAPLE SHADE WD 9	25OCT82	-	-	-	-	-	-	-
5-231	MAPLE SHADE WD 5	10AUG66	-	-	-	-	-	-	-
5-232	MAPLE SHADE WD 8	15JUL80	<10	15	17	13	350	9	26
5-233	MAPLE SHADE WD 4	10AUG66	-	-	-	-	-	-	-
5-251	MEDFORD WC 4	15OCT71	-	-	0	-	470	-	-
5-251	MEDFORD WC 4	14SEP82	-	-	-	-	-	-	-
5-252	MEDFORD WC 3	14SEP82	-	-	-	-	-	-	-
5-258	USGS-MEDFORD 1 OBS	20APR72	-	-	0	-	400	-	-
5-258	USGS-MEDFORD 1 OBS	30AUG82	-	-	-	-	-	-	-
5-261	USGS-MEDFORD 5 OBS	29APR72	-	-	0	-	870	-	-
5-261	USGS-MEDFORD 5 OBS	31AUG82	-	-	-	-	-	-	-
5-262	USGS-MEDFORD 4 OBS	21APR72	-	-	0	-	1000	-	-
5-262	USGS-MEDFORD 4 OBS	18OCT82	-	-	-	-	-	-	-
5-265	MOORESTOWN TWP WD 6	10AUG66	-	-	-	-	-	-	-
5-265	MOORESTOWN TWP WD 6	11JUL80	<10	<10	13	<10	480	<6	<4
5-268	PRICE BLDRS-LAYNE NY 1	11AUG66	-	-	-	-	-	-	-
5-273	MOORESTOWN FIELD CLUB 1	27JUN80	17	<10	21	<10	130	<6	17
5-277	CAMPBELL SOUP 3	26JUN80	300	-	19	<10	290	<6	11
5-283	MOORESTOWN TWP WD 8	11JUL80	<10	12	19	<10	410	<6	9
5-284	MOORESTOWN TWP WD 4	10AUG66	-	-	-	-	-	-	-

TABLE 4.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED TRACE METALS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Aluminum	Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium	Cobalt
5-289	MT HOLLY WC 3	23OCT80	-	-	120	<1	<1	-	-	3
5-290	MT HOLLY WC 6	23OCT80	-	-	110	<1	<1	-	-	5
5-292	MT HOLLY WC 7	05AUG80	-	-	130	<1	2	-	-	<3
5-301	FELLOWSHIP MOTOR LODGE	20AUG80	-	-	120	1	3	-	-	<3
5-303	MT LAUREL MUA 1	11AUG66	100	-	-	-	-	-	-	-
5-304	MT LAUREL MUA 2	28AUG80	-	-	100	<1	3	-	-	<3
5-304	MT LAUREL MUA 2	02SEP82	300	<1	-	-	-	10	<1	-
5-310	NJ TURNPIKE AUTH-MAINT 2	08SEP80	-	-	110	<1	5	-	-	<3
5-317	NJ TURNPIKE AUTH 4N-1	08SEP80	-	-	80	<1	6	-	-	<3
5-324	MT LAUREL MUA 3	28AUG80	-	-	80	<1	4	-	-	<3
5-324	MT LAUREL MUA 3	02SEP82	200	<1	-	-	-	10	<1	-
5-325	MT LAUREL MUA 4	02SEP82	<100	1	-	-	-	10	<1	-
5-344	HOFFMAN-LA ROCHE CO 1974	19MAY82	-	-	<100	<5	<5	<50	-	-
5-383	PERMUTIT CORP IONAC 2	16AUG67	0	-	-	-	-	-	-	-
5-383	PERMUTIT CORP IONAC 2	05OCT71	-	-	-	-	-	-	-	-
5-384	PERMUTIT CORP IONAC 3	16AUG67	0	-	-	-	-	-	-	-
5-384	PERMUTIT CORP IONAC 3	05OCT71	-	-	-	-	-	-	-	-
5-392	RIVERSIDE PUB SCHOOL 1	17JUN80	-	-	110	1	3	-	-	<3
5-441	HELIS STOCK FARM 3	22OCT80	-	-	100	<1	<1	-	-	<3
5-446	INTSTATE STOR+PIPELN CO	19JUN80	-	-	290	<1	4	-	-	<3
5-448	NJ DOT-RT295 REST AREA 1	17JUL80	-	-	100	<1	3	-	-	<3
5-637	HANOVER TRLS COMMISSARY	26JUN80	-	-	110	<1	<1	-	-	<3
5-647	RANCOCAS COUNTRY CLUB 1	17JUN80	-	-	130	<1	<1	-	-	<3
5-651	WILLINGBORO MUA 3	11AUG66	100	-	-	-	-	-	-	-
5-653	WILLINGBORO MUA 4	18JUN80	-	-	100	1	3	-	-	<3
5-658	WILLINGBORO MUA 7	18JUN80	-	-	70	<1	6	-	-	<3
5-661	WILLINGBORO MUA 1	18JUN80	-	-	140	4	5	-	-	6
5-661	WILLINGBORO MUA 1	17DEC82	<100	1	-	-	-	10	<1	-
5-667	WILLINGBORO MUA 5	18JUN80	-	-	100	2	1	-	-	4
5-667	WILLINGBORO MUA 5	17DEC82	100	1	-	-	-	10	<1	-
5-707	EVESHAM MUA 7	01SEP82	<100	1	-	-	-	20	<1	-
5-719	PEP BOYS 1	16JUN80	-	-	90	<1	<1	-	-	<3
5-729	MAPLE SHADE WD 2	15JUL80	-	-	90	<1	8	-	-	<3
5-729	MAPLE SHADE WD 2	25OCT82	100	1	-	-	-	10	<1	-
5-731	INTERSTATE WASTE-MON 8	23OCT80	-	-	90	<1	<1	-	-	9
5-745	BURLINGTON COUNTY CLUB 1	06AUG80	-	-	130	1	2	-	-	<3
5-746	MAPLE SHADE WD 11	15JUL80	-	-	80	<1	8	-	-	<3
5-746	MAPLE SHADE WD 11	25OCT82	100	<1	-	-	-	10	<1	-
5-751	RAMBLEWOOD CC-2 TEE	14SEP82	<100	1	-	-	-	<10	<1	-
5-761	TENNECO CHEM 9	30JUL82	100	1	-	-	-	10	<1	-
5-768	LISEHORA,M-GARAGE WELL	25SEP80	-	-	110	<1	<1	-	-	3
5-777	HOLIDAY LK ICE CREAM STD	29AUG80	-	-	60	<1	2	-	-	4
5-778	BEST WESTERN MOTEL #2	05AUG80	-	-	9	1	<1	-	-	<3
5-779	PYROPTICS 1	11JUN80	-	-	60	3	<1	-	-	<3
5-780	WASTE RESOURCE OBS 6	02DEC80	-	-	120	1	<1	-	-	9
5-781	WASTE RESOURCE OBS 5	02DEC80	-	-	40	3	1	-	-	36
5-788	C R ENGLAND CO	06JUN80	-	-	60	<1	<1	-	-	<3
7- 8	BELLMAWR BORO WD 4	02JUL80	-	-	60	<1	<1	-	-	<3
7- 12	BELLMAWR BORO WD 3	02JUL80	-	-	50	<1	<1	-	-	<3
7- 13	BELLMAWR BORO WD 1	02JUL80	-	-	150	<1	<1	-	-	<3
7- 19	BERLIN BORO WD 10	06OCT71	-	-	-	-	-	-	-	-
7- 19	BERLIN BORO WD 10	16SEP82	<100	1	-	-	-	10	<1	-
7- 30	SJ PORT COMM NY SHIP 5A	03NOV80	-	-	30	<1	10	-	-	160
7- 38	SJ PORT COMM NY SHIP 7	14JUL71	6	-	20	<1	<12	<3	-	1
7- 38	SJ PORT COMM NY SHIP 7	30JUN72	-	-	-	-	0	-	-	0
7- 39	CAMDEN CITY WD-CITY 7N	30JUL80	-	-	20	<1	1	-	-	17
7- 39	CAMDEN CITY WD-CITY 7N	05NOV82	<100	2	-	-	-	10	<1	-
7- 46	CAMDEN CITY WD-CITY 11	30JUL80	-	-	30	<1	2	-	-	5
7- 46	CAMDEN CITY WD-CITY 11	29OCT82	100	1	-	-	-	10	<1	-
7- 48	CAMDEN CITY WD-CITY 6N	02OCT73	-	<1	-	-	0	<20	-	20
7- 48	CAMDEN CITY WD-CITY 6N	05NOV82	400	<1	-	-	-	30	<1	-
7- 57	OUR LADY LORDS HOSP-STBY	02OCT73	-	<1	-	-	0	0	-	0
7- 57	OUR LADY LORDS HOSP-STBY	02OCT73	-	<1	-	-	0	<20	-	10
7- 57	OUR LADY LORDS HOSP-STBY	21SEP82	100	2	-	-	-	10	<1	-
7- 58	WEST JERSEY HOSPITAL 1	02OCT73	-	<1	-	-	0	13	-	0
7- 58	WEST JERSEY HOSPITAL 1	02OCT73	-	<1	-	-	0	200	-	0
7- 58	WEST JERSEY HOSPITAL 1	21SEP82	100	1	-	-	-	880	130	-
7- 61	CAMDEN CITY WD-CITY 4	02OCT73	-	<1	-	-	5	40	-	10
7- 61	CAMDEN CITY WD-CITY 4	02OCT73	-	<1	-	-	0	50	-	0
7- 61	CAMDEN CITY WD-CITY 4	30JUL80	-	-	40	<1	1	-	-	<3

TABLE 4.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED TRACE METALS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Copper	Lead	Lithium	Molybdenum	Strontium	Vanadium	Zinc
5-289	MT HOLLY WC 3	23OCT80	<10	<10	<4	12	470	<6	<4
5-290	MT HOLLY WC 6	23OCT80	<10	<10	<4	19	870	<6	<4
5-292	MT HOLLY WC 7	05AUG80	<10	<10	<4	<10	920	<6	<4
5-301	FELLOWSHIP MOTOR LODGE	20AUG80	<10	13	8	<10	820	<6	38
5-303	MT LAUREL MUA 1	11AUG66	-	-	-	-	-	-	-
5-304	MT LAUREL MUA 2	28AUG80	<10	40	7	<10	1100	<6	<4
5-304	MT LAUREL MUA 2	02SEP82	-	-	-	-	-	-	-
5-310	NJ TURNPIKE AUTH-MAINT 2	08SEP80	<10	15	7	<10	460	<6	50
5-317	NJ TURNPIKE AUTH 4N-1	08SEP80	14	15	5	<10	530	<6	31
5-324	MT LAUREL MUA 3	28AUG80	<10	11	<4	<10	970	<6	<4
5-324	MT LAUREL MUA 3	02SEP82	-	-	-	-	-	-	-
5-325	MT LAUREL MUA 4	02SEP82	-	-	-	-	-	-	-
5-344	HOFFMAN-LA ROCHE CO 1974	19MAY82	<20	<100	-	-	-	-	<5
5-383	PERMUTIT CORP IONAC 2	16AUG67	-	-	-	-	-	-	-
5-383	PERMUTIT CORP IONAC 2	05OCT71	-	-	0	-	340	-	-
5-384	PERMUTIT CORP IONAC 3	16AUG67	-	-	-	-	-	-	-
5-384	PERMUTIT CORP IONAC 3	05OCT71	-	-	0	-	760	-	-
5-392	RIVERSIDE PUB SCHOOL 1	17JUN80	35	-	6	<10	77	<6	24
5-441	HELIS STOCK FARM 3	22OCT80	<10	<10	5	23	330	<6	<4
5-446	INTSTATE STOR+PIPELN CO	19JUN80	<10	<10	<4	<10	2400	<6	40
5-448	NJ DOT-RT295 REST AREA 1	17JUL80	<10	13	9	<10	350	<6	7
5-637	HANOVER TRLS COMMISSARY	26JUN80	<10	-	17	<10	760	<6	69
5-647	RANCOCAS COUNTRY CLUB 1	17JUN80	<10	<10	9	<10	780	6	6
5-651	WILLINGBORO MUA 3	11AUG66	-	-	-	-	-	-	-
5-653	WILLINGBORO MUA 4	18JUN80	<10	<10	22	<10	150	<6	15
5-658	WILLINGBORO MUA 7	18JUN80	<10	<10	12	<10	89	8	8
5-661	WILLINGBORO MUA 1	18JUN80	21	<10	21	<10	120	<6	41
5-661	WILLINGBORO MUA 1	17DEC82	-	-	-	-	-	-	-
5-667	WILLINGBORO MUA 5	18JUN80	20	<10	24	<10	64	<6	40
5-667	WILLINGBORO MUA 5	17DEC82	-	-	-	-	-	-	-
5-707	EVESHAM MUA 7	01SEP82	-	-	-	-	-	-	-
5-719	PEP BOYS 1	16JUN80	77	-	<4	27	93	<6	10
5-729	MAPLE SHADE WD 2	15JUL80	<10	18	22	<10	310	7	43
5-729	MAPLE SHADE WD 2	25OCT82	-	-	-	-	-	-	-
5-731	INTERSTATE WASTE-MON 8	23OCT80	<10	<10	40	<10	780	<6	13
5-745	BURLINGTON COUNTY CLUB 1	06AUG80	<10	<10	<4	<10	380	<6	6
5-746	MAPLE SHADE WD 11	15JUL80	<10	16	15	11	450	11	14
5-746	MAPLE SHADE WD 11	25OCT82	-	-	-	-	-	-	-
5-751	RAMBLEWOOD CC-2 TEE	14SEP82	-	-	-	-	-	-	-
5-761	TENNECO CHEM 9	30JUL82	-	-	-	-	-	-	-
5-768	LISEHORA,M-GARAGE WELL	25SEP80	<10	<10	5	<10	720	<6	40
5-777	HOLIDAY LK ICE CREAM STD	29AUG80	56	<10	<4	<10	36	7	18
5-778	BEST WESTERN MOTEL #2	05AUG80	<10	<10	<4	<10	1	<6	<4
5-779	PYROPTICS 1	11JUN80	<10	<10	11	<10	52	<6	5
5-780	WASTE RESOURCE OBS 6	02DEC80	<10	<10	6	<10	190	<6	8
5-781	WASTE RESOURCE OBS 5	02DEC80	14	<10	<4	20	79	<6	62
5-788	C R ENGLAND CO	06JUN80	470	<10	<4	<10	54	<6	66
7- 8	BELLMAWR BORO WD 4	02JUL80	<10	10	12	<10	880	<6	8
7- 12	BELLMAWR BORO WD 3	02JUL80	<10	<10	7	<10	930	<6	10
7- 13	BELLMAWR BORO WD 1	02JUL80	<10	<10	13	<10	820	<6	10
7- 19	BERLIN BORO WD 10	06OCT71	-	-	0	-	380	-	-
7- 19	BERLIN BORO WD 10	16SEP82	-	-	-	-	-	-	-
7- 30	SJ PORT COMM NY SHIP 5A	03NOV80	<10	19	<4	10	140	15	8
7- 38	SJ PORT COMM NY SHIP 7	14JUL71	1	<1	6	1	270	<2	20
7- 38	SJ PORT COMM NY SHIP 7	30JUN72	20	20	-	-	-	-	410
7- 39	CAMDEN CITY WD-CITY 7N	30JUL80	<10	<10	<4	<10	76	<6	19
7- 39	CAMDEN CITY WD-CITY 7N	05NOV82	-	-	-	-	-	-	-
7- 46	CAMDEN CITY WD-CITY 11	30JUL80	<10	<10	<4	<10	200	<6	38
7- 46	CAMDEN CITY WD-CITY 11	29OCT82	-	-	-	-	-	-	-
7- 48	CAMDEN CITY WD-CITY 6N	02OCT73	40	10	-	-	-	-	90
7- 48	CAMDEN CITY WD-CITY 6N	05NOV82	-	-	-	-	-	-	-
7- 57	OUR LADY LORDS HOSP-STBY	02OCT73	<20	10	-	-	-	-	50
7- 57	OUR LADY LORDS HOSP-STBY	02OCT73	<20	0	-	-	-	-	30
7- 57	OUR LADY LORDS HOSP-STBY	21SEP82	-	-	-	-	-	-	-
7- 58	WEST JERSEY HOSPITAL 1	02OCT73	50	20	-	-	-	-	90
7- 58	WEST JERSEY HOSPITAL 1	02OCT73	60	0	-	-	-	-	80
7- 58	WEST JERSEY HOSPITAL 1	21SEP82	-	-	-	-	-	-	-
7- 61	CAMDEN CITY WD-CITY 4	02OCT73	60	0	-	-	-	-	60
7- 61	CAMDEN CITY WD-CITY 4	02OCT73	90	0	-	-	-	-	40
7- 61	CAMDEN CITY WD-CITY 4	30JUL80	<10	<10	6	<10	330	<6	12

TABLE 4.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED TRACE METALS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Aluminum	Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium	Cobalt
7- 61	CAMDEN CITY WD-CITY 4	06JUL82	300	1	-	-	-	20	<1	-
7- 64	CAMDEN CITY WD-CITY 17	22DEC70	9	-	35	<1	<25	<3	-	8
7- 64	CAMDEN CITY WD-CITY 17	30JUL80	-	-	60	<1	<1	-	-	11
7- 64	CAMDEN CITY WD-CITY 17	29OCT82	200	<1	-	-	-	10	<1	-
7- 68	CAMDEN CITY WD-CITY 13	30JUL80	-	-	90	<1	<1	-	-	13
7- 68	CAMDEN CITY WD-CITY 13	06JUL82	200	1	-	-	-	10	<1	-
7- 70	CAMDEN CITY WD-CITY 3A	02OCT73	-	<1	-	-	<20	<20	-	20
7- 70	CAMDEN CITY WD-CITY 3A	15NOV82	<100	1	-	-	-	10	<1	-
7- 78	CAMDEN CITY WD-CITY 5N	31JUL80	-	-	40	3	2	-	-	30
7- 78	CAMDEN CITY WD-CITY 5N	06JUL82	300	1	-	-	-	10	<1	-
7- 94	CAMDEN CITY WD-CITY 16	31JUL80	-	-	200	3	4	-	-	170
7- 98	NEW JERSEY WC-CAMDEN 52	21AUG80	-	-	100	3	2	-	-	38
7- 98	NEW JERSEY WC-CAMDEN 52	19JUL82	200	<1	-	-	-	<10	<1	-
7-110	NEW JERSEY WC-CAMDEN 49	21AUG80	-	-	190	4	10	-	-	28
7-122	NEW JERSEY WC-BROWN 44	21AUG80	-	-	50	5	2	-	-	<3
7-122	NEW JERSEY WC-BROWN 44	25AUG82	<100	<1	-	-	-	10	<1	-
7-124	NEW JERSEY WC-BROWNG 45	25AUG82	<100	1	-	-	-	10	<1	-
7-133	NEW JERSEY WC-OLD ORCH36	21AUG80	-	-	160	4	<1	-	-	<3
7-134	NEW JERSEY WC-OLD ORCH37	21AUG80	-	-	130	3	1	-	-	<3
7-147	NEW JERSEY WC-KINGSTN 25	21AUG80	-	-	110	4	3	-	-	<3
7-148	NEW JERSEY WC-KINGSTN 28	21AUG80	-	-	120	4	2	-	-	<3
7-149	NJ DEPT DEF-NAT GUARD 1	20AUG80	-	-	90	2	4	-	-	<3
7-157	NEW JERSEY WC-COLMBIA 31	26AUG82	<100	1	-	-	-	10	<1	-
7-160	RCA-CHERRY HILL 1	09JUL80	-	-	60	<1	<1	-	-	4
7-171	COLLINGSWOOD BORO WD 7	23AUG66	100	-	-	-	-	-	-	-
7-171	COLLINGSWOOD BORO WD 7	07JUL80	-	-	70	<1	<1	-	-	6
7-176	COLLINGSWOOD BORO WD 2	07JUL80	-	-	30	<1	<1	-	-	8
7-188	NEW JERSEY WC-GIBBSBO 42	26AUG82	<100	<1	-	-	-	10	<1	-
7-189	NEW JERSEY WC-GIBBSBO 41	26AUG82	<100	1	-	-	-	10	<1	-
7-193	CRESCENT TRAILER PK 1	07JUL80	-	-	220	<1	<1	-	-	14
7-194	NJ ZINC CO 4-DEEP	03JUL80	-	-	100	<1	2	-	-	45
7-194	NJ ZINC CO 4-DEEP	16SEP82	<100	1	-	-	-	10	<1	-
7-195	NJ ZINC CO 5-DEEP	03JUL80	-	-	140	<1	3	-	-	37
7-197	NJ ZINC CO 3-DEEP	14MAY71	15	-	110	<1	<27	<6	-	<3
7-197	NJ ZINC CO 3-DEEP	30JUN72	-	-	-	-	5	-	-	10
7-197	NJ ZINC CO 3-DEEP	28MAR75	-	<1	-	-	0	<20	-	0
7-197	NJ ZINC CO 3-DEEP	16SEP82	<100	1	-	-	-	10	1	-
7-210	GLOUCESTER CITY WD 42	07JUL80	-	-	80	<1	<1	-	-	7
7-221	USGS-GLOUC CTY CG BASE 1	23JUL80	-	-	150	<1	4	-	-	<3
7-249	GARDEN ST WC-BLACKWOOD 3	25AUG80	-	-	90	4	<1	-	-	<3
7-252	GARDEN ST WC-BLACKWOOD 6	25AUG80	-	-	100	2	<1	-	-	<3
7-273	NEW JERSEY WC-OTTERBK 29	22AUG80	-	-	30	4	1	-	-	<3
7-274	NEW JERSEY WC-OTTERBK 39	22AUG80	-	-	80	3	<1	-	-	<3
7-278	NEW JERSEY WC-HADDON 15	22AUG80	-	-	50	5	<1	-	-	<3
7-278	NEW JERSEY WC-HADDON 15	25AUG82	<100	1	-	-	-	10	<1	-
7-279	NEW JERSEY WC-HADDON 30	22AUG80	-	-	110	4	<1	-	-	<3
7-279	NEW JERSEY WC-HADDON 30	25AUG82	<100	1	-	-	-	10	<1	-
7-285	NEW JERSEY WC-EGBERT 18	21AUG67	0	-	-	-	-	-	-	-
7-290	HADDON TWP WD 1	03JUL80	-	-	70	<1	<1	-	-	10
7-293	HADDON TWP HIGH SCH 1	03JUL80	-	-	80	<1	<1	-	-	4
7-293	HADDON TWP HIGH SCH 1	15OCT82	<100	1	-	-	-	10	<1	-
7-299	HADDONFLD BORO WD-LAYN 2	09JUL80	-	-	110	<1	<1	-	-	<3
7-302	HADDONFLD BORO WD-RULON	09JUL80	-	-	50	<1	<1	-	-	<3
7-304	HADDONFLD BORO WD-LAKE ST	09JUL80	-	-	120	<1	<1	-	-	6
7-315	NEW JERSEY WC-MAGNOLIA16	22AUG80	-	-	60	5	2	-	-	<3
7-315	NEW JERSEY WC-MAGNOLIA16	25AUG82	<100	<1	-	-	-	10	<1	-
7-316	NEW JERSEY WC-MAGNOLIA33	22AUG80	-	-	110	<1	2	-	-	<3
7-316	NEW JERSEY WC-MAGNOLIA33	25AUG82	<100	<1	-	-	-	10	<1	-
7-320	MERCH-PENN WCOM-WDBINE 1	27OCT82	<100	1	-	-	-	10	<1	-
7-322	NEW JERSEY WC-OAKLYN OBS	22AUG80	-	-	140	3	5	-	-	<3
7-323	STEVENS AND STEVENS 1	01JUL80	-	-	90	<1	1	-	-	25
7-323	STEVENS AND STEVENS 1	21DEC82	300	1	-	-	-	10	<1	-
7-329	MERCH-PENN WCOM-BROWN 2A	10JUL80	-	-	70	2	<1	-	-	6
7-329	MERCH-PENN WCOM-BROWN 2A	27OCT82	<100	1	-	-	-	20	<1	-
7-335	MERCH-PENN WCOM-MARION 1	10JUL80	-	-	70	<1	2	-	-	7
7-335	MERCH-PENN WCOM-MARION 1	21DEC82	100	<1	-	-	-	10	<1	-
7-339	PREDCO PREC PANELS	05SEP80	-	-	70	<1	22	-	-	22
7-341	MERCH-PENN WCOM-DEL GN 2	10JUL80	-	-	70	<1	<1	-	-	27
7-350	MERCH-PENN WCOM-PARK 2	10JUL80	-	-	40	<1	<1	-	-	<3
7-350	MERCH-PENN WCOM-PARK 2	27OCT82	<100	1	-	-	-	10	<1	-

TABLE 4.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED TRACE METALS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Copper	Lead	Lithium	Molybdenum	Strontium	Vanadium	Zinc
7- 61	CAMDEN CITY WD-CITY 4	06JUL82	-	-	-	-	-	-	-
7- 64	CAMDEN CITY WD-CITY 17	22DEC70	13	<3	7	<1	440	<3	110
7- 64	CAMDEN CITY WD-CITY 17	30JUL80	13	<10	18	<10	560	<6	23
7- 64	CAMDEN CITY WD-CITY 17	29OCT82	-	-	-	-	-	-	-
7- 68	CAMDEN CITY WD-CITY 13	30JUL80	15	<10	17	<10	800	<6	14
7- 68	CAMDEN CITY WD-CITY 13	06JUL82	-	-	-	-	-	-	-
7- 70	CAMDEN CITY WD-CITY 3A	02OCT73	150	0	-	-	-	-	350
7- 70	CAMDEN CITY WD-CITY 3A	15NOV82	-	-	-	-	-	-	-
7- 78	CAMDEN CITY WD-CITY 5N	31JUL80	15	<10	8	<10	420	<6	22
7- 78	CAMDEN CITY WD-CITY 5N	06JUL82	-	-	-	-	-	-	-
7- 94	CAMDEN CITY WD-CITY 16	31JUL80	<10	<10	10	<10	550	<6	<4
7- 98	NEW JERSEY WC-CAMDEN 52	21AUG80	<10	19	19	<10	320	<6	34
7- 98	NEW JERSEY WC-CAMDEN 52	19JUL82	-	-	-	-	-	-	-
7-110	NEW JERSEY WC-CAMDEN 49	21AUG80	<10	22	6	<10	510	<6	<4
7-122	NEW JERSEY WC-BROWN 44	21AUG80	<10	17	<4	<10	1200	<6	<4
7-122	NEW JERSEY WC-BROWN 44	25AUG82	-	-	-	-	-	-	-
7-124	NEW JERSEY WC-BROWNG 45	25AUG82	-	-	-	-	-	-	-
7-133	NEW JERSEY WC-OLD ORCH36	21AUG80	<10	14	<4	<10	850	<6	<4
7-134	NEW JERSEY WC-OLD ORCH37	21AUG80	<10	13	<4	<10	1400	<6	<4
7-147	NEW JERSEY WC-KINGSTN 25	21AUG80	<10	16	7	<10	1200	<6	<4
7-148	NEW JERSEY WC-KINGSTN 28	21AUG80	<10	13	8	<10	810	<6	<4
7-149	NJ DEPT DEF-NAT GUARD 1	20AUG80	<10	11	19	<10	630	<6	22
7-157	NEW JERSEY WC-COLMBIA 31	26AUG82	-	-	-	-	-	-	-
7-160	RCA-CHERRY HILL 1	09JUL80	<10	<10	68	<10	530	<6	5
7-171	COLLINGSWOOD BORO WD 7	23AUG66	-	-	-	-	-	-	-
7-171	COLLINGSWOOD BORO WD 7	07JUL80	<10	<10	11	<10	1100	<6	<4
7-176	COLLINGSWOOD BORO WD 2	07JUL80	<10	11	7	<10	750	<6	<4
7-188	NEW JERSEY WC-GIBBSBO 42	26AUG82	-	-	-	-	-	-	-
7-189	NEW JERSEY WC-GIBBSBO 41	26AUG82	-	-	-	-	-	-	-
7-193	CRESCENT TRAILER PK 1	07JUL80	<10	10	27	<10	1500	<6	55
7-194	NJ ZINC CO 4-DEEP	03JUL80	<10	<10	13	<10	1800	<6	<4
7-194	NJ ZINC CO 4-DEEP	16SEP82	-	-	-	-	-	-	-
7-195	NJ ZINC CO 5-DEEP	03JUL80	<10	<10	11	15	2700	<6	<4
7-197	NJ ZINC CO 3-DEEP	14MAY71	12	<3	6	<3	2800	<3	<270
7-197	NJ ZINC CO 3-DEEP	30JUN72	200	0	-	-	-	-	870
7-197	NJ ZINC CO 3-DEEP	28MAR75	0	<2	-	-	-	-	<20
7-197	NJ ZINC CO 3-DEEP	16SEP82	-	-	-	-	-	-	-
7-210	GLOUCESTER CITY WD 42	07JUL80	<10	<10	11	<10	880	<6	11
7-221	USGS-GLOUC CTY CG BASE 1	23JUL80	<10	14	7	<10	1800	<6	8
7-249	GARDEN ST WC-BLACKWOOD 3	25AUG80	<10	<10	<4	<10	450	<6	4
7-252	GARDEN ST WC-BLACKWOOD 6	25AUG80	<10	20	<4	<10	480	<6	<4
7-273	NEW JERSEY WC-OTTERBK 29	22AUG80	<10	<10	<4	<10	740	<6	7
7-274	NEW JERSEY WC-OTTERBK 39	22AUG80	<10	11	<4	<10	670	<6	<4
7-278	NEW JERSEY WC-HADDON 15	22AUG80	<10	10	<4	<10	1100	<6	11
7-278	NEW JERSEY WC-HADDON 15	25AUG82	-	-	-	-	-	-	-
7-279	NEW JERSEY WC-HADDON 30	22AUG80	<10	14	<4	<10	940	<6	<4
7-279	NEW JERSEY WC-HADDON 30	25AUG82	-	-	-	-	-	-	-
7-285	NEW JERSEY WC-EGBERT 18	21AUG67	-	-	-	-	-	-	-
7-290	HADDON TWP WD 1	03JUL80	<10	19	9	<10	1000	<6	13
7-293	HADDON TWP HIGH SCH 1	03JUL80	<10	<10	12	<10	470	<6	12
7-293	HADDON TWP HIGH SCH 1	15OCT82	-	-	-	-	-	-	-
7-299	HADDONFLD BORO WD-LAYN 2	09JUL80	<10	<10	6	<10	850	<6	<4
7-302	HADDONFLD BORO WD-RULON	09JUL80	<10	<10	<4	<10	1200	<6	8
7-304	HADDONFLD BORO WS-LAKE ST	09JUL80	<10	<10	9	<10	1000	<6	<4
7-315	NEW JERSEY WC-MAGNOLIA16	22AUG80	<10	<10	<4	<10	1100	<6	<4
7-315	NEW JERSEY WC-MAGNOLIA16	25AUG82	-	-	-	-	-	-	-
7-316	NEW JERSEY WC-MAGNOLIA33	22AUG80	<10	15	<4	<10	690	<6	<4
7-316	NEW JERSEY WC-MAGNOLIA33	25AUG82	-	-	-	-	-	-	-
7-320	MERCH-PENN WCOM-WDBINE 1	27OCT82	-	-	-	-	-	-	-
7-322	NEW JERSEY WC-OAKLYN OBS	22AUG80	<10	11	41	<10	560	<6	<4
7-323	STEVENS AND STEVENS 1	01JUL80	140	<10	10	11	110	<6	87
7-323	STEVENS AND STEVENS 1	21DEC82	-	-	-	-	-	-	-
7-329	MERCH-PENN WCOM-BROWN 2A	10JUL80	11	<10	28	15	57	<6	31
7-329	MERCH-PENN WCOM-BROWN 2A	27OCT82	-	-	-	-	-	-	-
7-335	MERCH-PENN WCOM-MARION 1	10JUL80	15	<10	17	<10	60	<6	28
7-335	MERCH-PENN WCOM-MARION 1	21DEC82	-	-	-	-	-	-	-
7-339	PREDCO PREC PANELS	05SEP80	<10	<10	<4	<10	180	<6	<4
7-341	MERCH-PENN WCOM-DEL GN 2	10JUL80	<10	<10	<4	<10	220	<6	11
7-350	MERCH-PENN WCOM-PARK 2	10JUL80	17	<10	20	10	140	<6	19
7-350	MERCH-PENN WCOM-PARK 2	27OCT82	-	-	-	-	-	-	-

TABLE 4.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED TRACE METALS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Aluminum	Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium	Cobalt
7-354	PETTY ISLAND OBS	19NOV80	-	-	270	<1	8	-	-	<3
7-363	CAMDEN CITY WD-PUCHACK 2	15SEP82	100	1	-	-	-	40	3	-
7-366	CAMDEN CITY WD-PUCHACK 1	13JUL82	<100	1	-	-	-	<10	<1	-
7-367	CAMDEN CITY WD-PUCHACK 3	21JUL80	-	-	60	3	<1	-	-	60
7-367	CAMDEN CITY WD-PUCHACK 3	27JUL81	-	-	-	-	-	-	<1	-
7-368	CAMDEN CITY WD-DELAIR 1	22JUL80	-	-	80	1	2	-	-	170
7-368	CAMDEN CITY WD-DELAIR 1	15SEP82	100	1	-	-	-	<10	<1	-
7-369	CAMDEN CITY WD-DELAIR 2	15SEP82	100	2	-	-	-	<10	<1	-
7-370	CAMDEN CITY WD-DELAIR 3	15SEP82	100	1	-	-	-	10	<1	-
7-372	MERCH-PENN WCOM-NAT HY 1	10JUL80	-	-	50	<1	<1	-	-	<3
7-372	MERCH-PENN WCOM-NAT HY 1	21DEC82	100	1	-	-	-	10	<1	-
7-373	CAMDEN CITY WD-MORRIS 6	22JUL80	-	-	110	1	<1	-	-	170
7-379	CAMDEN CITY WD-MORRIS 10	21DEC70	16	-	60	<1	<50	5	-	33
7-379	CAMDEN CITY WD-MORRIS 10	21JUL80	-	-	60	<1	7	-	-	<3
7-386	CAMDEN CITY WD-MORRIS 3A	16OCT69	630	-	120	<2	<1	20	-	290
7-386	CAMDEN CITY WD-MORRIS 3A	12JUL82	<100	2	-	-	-	<10	<1	-
7-392	PINE HILL MUA 1	17AUG67	0	-	-	-	-	-	-	-
7-398	PINE HILL MUA 2-1972	16SEP82	<100	1	-	-	-	10	<1	-
7-410	NEW JERSEY WC-SOMRDAL 14	26AUG82	100	1	-	-	-	10	<1	-
7-426	NEW JERSEY WC-VOORHES 21	26AUG82	<100	1	-	-	-	10	<1	-
7-476	USGS-NEW BROOKLN PK 1 OB	27APR72	-	-	-	-	-	-	-	-
7-476	USGS-NEW BROOKLN PK 1 OB	17NOV82	<100	1	-	-	-	20	<1	-
7-477	USGS-NEW BROOKLN PK 2 OB	07DEC82	<100	1	-	-	-	10	<1	-
7-517	BROOKLAWN BORO WD 4-67	10OCT80	-	-	180	5	5	-	-	<3
7-527	CAMDEN CITY WD-CITY 18	29OCT82	200	<1	-	-	-	10	<1	-
7-528	CAMDEN CITY WD-PUCHACK 7	13JUL82	<100	1	-	-	-	10	<1	-
7-535	CAMDEN CITY WD-TW 1 1979	28JUL80	-	-	30	<1	2	-	-	17
7-541	CAMDEN CITY WD-TW 8 1979	28JUL80	-	-	100	<1	2	-	-	15
7-541	CAMDEN CITY WD-TW 8 1979	09SEP82	100	1	-	-	-	10	<1	-
7-545	CAMDEN CITY WD-MORRIS 11	12JUL82	<100	<1	-	-	-	<10	<1	-
7-555	PENLER ANODIZING CO 1	01JUL80	-	-	50	2	2	-	-	5
7-559	MEADOWBROOK SWIM CLUB	01JUL80	-	-	70	1	1	-	-	8
7-560	MERCH-PENN WCOM-WDBINE 2	10JUL80	-	-	80	<1	<1	-	-	<3
7-560	MERCH-PENN WCOM-WDBINE 2	27OCT82	<100	1	-	-	-	20	<1	-
7-562	NJDEP-HARRISON AVE 2	07AUG80	-	-	360	<1	8	-	-	13
7-563	NJDEP-HARRISON AVE 3	08AUG80	-	-	230	3	13	-	-	<3
7-566	NJDEP-HARRISON AVE 6	07AUG80	-	-	50	3	3	-	-	<3
7-567	NJDEP-HARRISON AVE 7	07AUG80	-	-	410	4	5	-	-	240
7-568	PENNSAUKN LANDFILL MON 1	29OCT80	-	-	200	<1	3	-	-	40
7-571	PENNSAUKN LANDFILL MON 4	29OCT80	-	-	70	1	8	-	-	16
7-573	USGS-GLOUC CTY CG BASE 2	23JUL80	-	-	20	<1	3	-	-	<3
7-574	USGS-GLOUC CTY CG BASE 3	23JUL80	-	-	50	<1	6	-	-	<3
7-575	BELL SUPPLY CO 1	25AUG80	-	-	60	3	<1	-	-	21
7-586	CAMDEN CITY WD-MORRIS 12	27JUL81	-	3	30	1	1	1	<1	80
7-586	CAMDEN CITY WD-MORRIS 12	13JUL82	100	4	-	-	-	<10	<1	-
7-587	CAMDEN CITY WD-MORRIS 13	27JUL81	-	3	30	1	1	<1	<1	61
15- 01	CLAYTON BORO WD 3	17SEP82	<100	1	-	-	-	10	<1	-
15- 03	CLAYTON BORO WD 4	17SEP82	<100	1	-	-	-	10	<1	-
15- 08	WOODBURY CTY WD-SEWEL 2A	17OCT80	-	-	60	<1	<1	-	-	<3
15- 09	DEPTFORD TWP MUA 5-1971	02SEP80	-	-	70	<1	3	-	-	<3
15- 11	DEPTFORD TWP MUA 2	17AUG67	0	-	-	-	-	-	-	-
15- 16	DEPTFORD TWP MUA 1	17AUG67	0	-	-	-	-	-	-	-
15- 16	DEPTFORD TWP MUA 1	02SEP80	-	-	60	<1	3	-	-	<3
15- 16	DEPTFORD TWP MUA 1	28DEC82	100	<1	-	-	-	10	<1	-
15- 24	DEPTFORD TWP MUA 4	02SEP80	-	-	40	<1	3	-	-	<3
15- 28	E GREENWICH TWP WD 2	05SEP80	-	-	60	<1	<1	-	-	<3
15- 60	GLASSBORO BORO WD 3	17AUG82	<100	1	-	-	-	10	<1	-
15- 63	GLASSBORO BORO WD 4	17AUG82	<100	1	-	-	-	10	<1	-
15- 69	GREENWICH TWP WD 3	18SEP80	-	-	60	1	4	-	-	5
15- 69	GREENWICH TWP WD 3	22SEP82	700	7	-	-	-	10	<1	-
15- 70	GREENWICH TWP WD 1	14AUG67	0	-	-	-	-	-	-	-
15- 72	EI DUPONT REPAUNO 3	12SEP80	-	-	80	<1	2	-	-	5
15- 72	EI DUPONT REPAUNO 3	24AUG82	300	<1	-	-	-	<10	<1	-
15- 76	HERCULES CHEM 4-1970	15SEP80	-	-	70	<1	7	-	-	<3
15- 76	HERCULES CHEM 4-1970	18NOV82	<100	3	-	-	-	10	<1	-
15- 79	EI DUPONT REPAUNO 6	21DEC70	-	-	-	-	-	-	-	-
15- 79	EI DUPONT REPAUNO 6	28MAR75	-	1	-	-	<2	<20	-	9
15- 79	EI DUPONT REPAUNO 6	12SEP80	-	-	90	<1	1	-	-	5
15- 79	EI DUPONT REPAUNO 6	24AUG82	100	<1	-	-	-	<10	<1	-
15- 81	EI DUPONT REPAUNO 5	15AUG67	0	-	-	-	-	-	-	-

TABLE 4.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED TRACE METALS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Copper	Lead	Lithium	Molybdenum	Strontium	Vanadium	Zinc
7-354	PETTY ISLAND OBS	19NOV80	<10	<10	<4	<10	240	<6	500
7-363	CAMDEN CITY WD-PUCHACK 2	15SEP82	-	-	-	-	-	-	-
7-366	CAMDEN CITY WD-PUCHACK 1	13JUL82	-	-	-	-	-	-	-
7-367	CAMDEN CITY WD-PUCHACK 3	21JUL80	20	<10	8	<10	150	<6	53
7-367	CAMDEN CITY WD-PUCHACK 3	27JUL81	-	-	-	-	-	-	-
7-368	CAMDEN CITY WD-DELAIR 1	22JUL80	<10	<10	6	<10	130	<6	13
7-368	CAMDEN CITY WD-DELAIR 1	15SEP82	-	-	-	-	-	-	-
7-369	CAMDEN CITY WD-DELAIR 2	15SEP82	-	-	-	-	-	-	-
7-370	CAMDEN CITY WD-DELAIR 3	15SEP82	-	-	-	-	-	-	-
7-372	MERCH-PENN WCOM-NAT HY 1	10JUL80	33	<10	10	<10	62	<6	57
7-372	MERCH-PENN WCOM-NAT HY 1	21DEC82	-	-	-	-	-	-	-
7-373	CAMDEN CITY WD-MORRIS 6	22JUL80	<10	<10	6	<10	140	<6	14
7-379	CAMDEN CITY WD-MORRIS 10	21DEC70	5	10	1	<1	180	<5	20
7-379	CAMDEN CITY WD-MORRIS 10	21JUL80	<10	<10	<4	<10	150	<6	12
7-386	CAMDEN CITY WD-MORRIS 3A	16OCT69	5	6	6	1	240	<9	<200
7-386	CAMDEN CITY WD-MORRIS 3A	12JUL82	-	-	-	-	-	-	-
7-392	PINE HILL MUA 1	17AUG67	-	-	-	-	-	-	-
7-398	PINE HILL MUA 2-1972	16SEP82	-	-	-	-	-	-	-
7-410	NEW JERSEY WC-SOMRDAL 14	26AUG82	-	-	-	-	-	-	-
7-426	NEW JERSEY WC-VOORHES 21	26AUG82	-	-	-	-	-	-	-
7-476	USGS-NEW BROOKLN PK 1 OB	27APR72	-	-	10	-	700	-	-
7-476	USGS-NEW BROOKLN PK 1 OB	17NOV82	-	-	-	-	-	-	-
7-477	USGS-NEW BROOKLN PK 2 OB	07DEC82	-	-	-	-	-	-	-
7-517	BROOKLAWN BORO WD 4-67	10OCT80	<10	<10	10	38	4400	<6	34
7-527	CAMDEN CITY WD-CITY 18	29OCT82	-	-	-	-	-	-	-
7-528	CAMDEN CITY WD-PUCHACK 7	13JUL82	-	-	-	-	-	-	-
7-535	CAMDEN CITY WD-TW 1 1979	28JUL80	<10	<10	<4	10	82	<6	8
7-541	CAMDEN CITY WD-TW 8 1979	28JUL80	<10	<10	13	26	660	<6	33
7-541	CAMDEN CITY WD-TW 8 1979	09SEP82	-	-	-	-	-	-	-
7-545	CAMDEN CITY WD-MORRIS 11	12JUL82	-	-	-	-	-	-	-
7-555	PENLER ANODIZING CO 1	01JUL80	<10	<10	<4	<10	23	<6	14
7-559	MEADOWBROOK SWIM CLUB	01JUL80	33	<10	<4	<10	36	<6	77
7-560	MERCH-PENN WCOM-WDBINE 2	10JUL80	<10	<10	13	13	40	<6	6
7-560	MERCH-PENN WCOM-WDBINE 2	27OCT82	-	-	-	-	-	-	-
7-562	NJDEP-HARRISON AVE 2	07AUG80	<10	15	5	<10	750	<6	33
7-563	NJDEP-HARRISON AVE 3	08AUG80	<10	19	7	<10	440	<6	<4
7-566	NJDEP-HARRISON AVE 6	07AUG80	<10	<10	<4	<10	370	<6	22
7-567	NJDEP-HARRISON AVE 7	07AUG80	<10	12	5	<10	440	<6	<4
7-568	PENNSAUKN LANDFILL MON 1	29OCT80	13	15	10	<10	180	<6	200
7-571	PENNSAUKN LANDFILL MON 4	29OCT80	55	47	<4	<10	52	<6	140
7-573	USGS-GLOUC CTY CG BASE 2	23JUL80	<10	14	<4	<10	120	<6	12
7-574	USGS-GLOUC CTY CG BASE 3	23JUL80	<10	<10	5	<10	120	<6	-
7-575	BELL SUPPLY CO 1	25AUG80	300	22	8	<10	61	<6	1000
7-586	CAMDEN CITY WD-MORRIS 12	27JUL81	10	10	4	10	100	6	5
7-586	CAMDEN CITY WD-MORRIS 12	13JUL82	-	-	-	-	-	-	-
7-587	CAMDEN CITY WD-MORRIS 13	27JUL81	10	14	4	10	100	6	10
15- 1	CLAYTON BORO WD 3	17SEP82	-	-	-	-	-	-	-
15- 3	CLAYTON BORO WD 4	17SEP82	-	-	-	-	-	-	-
15- 8	WOODBURY CTY WD-SEWEL 2A	17OCT80	<10	<10	4	12	220	<6	<4
15- 9	DEPTFORD TWP MUA 5-1971	02SEP80	<10	<10	<4	<10	370	<6	<4
15- 11	DEPTFORD TWP MUA 2	17AUG67	-	-	-	-	-	-	-
15- 16	DEPTFORD TWP MUA 1	17AUG67	-	-	-	-	-	-	-
15- 16	DEPTFORD TWP MUA 1	02SEP80	<10	<10	<4	<10	370	<6	<4
15- 16	DEPTFORD TWP MUA 1	28DEC82	-	-	-	-	-	-	-
15- 24	DEPTFORD TWP MUA 4	02SEP80	<10	12	<4	<10	480	6	7
15- 28	E GREENWICH TWP WD 2	05SEP80	<10	<10	7	<10	390	<6	<4
15- 60	GLASSBORO BORO WD 3	17AUG82	-	-	-	-	-	-	-
15- 63	GLASSBORO BORO WD 4	17AUG82	-	-	-	-	-	-	-
15- 69	GREENWICH TWP WD 3	18SEP80	11	<10	10	<10	76	<6	140
15- 69	GREENWICH TWP WD 3	22SEP82	-	-	-	-	-	-	-
15- 70	GREENWICH TWP WD 1	14AUG67	-	-	-	-	-	-	-
15- 72	EI DUPONT REPAUNO 3	12SEP80	10	<10	8	<10	130	<6	52
15- 72	EI DUPONT REPAUNO 3	24AUG82	-	-	-	-	-	-	-
15- 76	HERCULES CHEM 4-1970	15SEP80	<10	<10	7	<10	130	<6	13
15- 76	HERCULES CHEM 4-1970	18NOV82	-	-	-	-	-	-	-
15- 79	EI DUPONT REPAUNO 6	21DEC70	-	0	-	-	-	-	110
15- 79	EI DUPONT REPAUNO 6	28MAR75	20	<2	-	-	-	-	40
15- 79	EI DUPONT REPAUNO 6	12SEP80	10	<10	6	<10	220	<6	29
15- 79	EI DUPONT REPAUNO 6	24AUG82	-	-	-	-	-	-	-
15- 81	EI DUPONT REPAUNO 5	15AUG67	-	-	-	-	-	-	-

TABLE 4.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED TRACE METALS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Aluminum	Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium	Cobalt
15- 81	EI DUPONT REPAUNO 5	12SEP80	-	-	80	<1	1	-	-	<3
15- 81	EI DUPONT REPAUNO 5	24AUG82	200	<1	-	-	-	<10	<1	-
15- 94	MOBIL OIL-GREENWICH 44	14AUG67	5500	-	-	-	-	-	-	-
15- 94	MOBIL OIL-GREENWICH 44	17SEP80	-	-	40	2	<1	-	-	<3
15- 96	HERCULES CHEM-GIBB OBS 2	06DEC82	100	<1	-	-	-	10	1	-
15- 97	HERCULES CHEM GIBB 8 OBS	03NOV82	<100	3	-	-	-	10	<1	-
15- 98	MOBIL OIL-GREENWICH 45	14AUG67	0	-	-	-	-	-	-	-
15- 98	MOBIL OIL-GREENWICH 45	17SEP80	-	-	50	3	<1	-	-	<3
15- 98	MOBIL OIL-GREENWICH 45	11AUG82	6700	3	-	-	-	20	<1	-
15-101	MOBIL OIL-GREENWICH 40	14AUG67	7000	-	-	-	-	-	-	-
15-102	EI DUPONT REPAUNO 20	21DEC70	0	-	-	-	-	-	-	-
15-109	MOBIL OIL-GREENWICH 41	14AUG67	3000	-	-	-	-	-	-	-
15-109	MOBIL OIL-GREENWICH 41	11AUG82	2400	1	-	-	-	10	<1	-
15-118	MOBIL OIL-GREENWICH 47	17SEP80	-	-	40	<1	2	-	-	<3
15-118	MOBIL OIL-GREENWICH 47	11AUG82	100	1	-	-	-	10	<1	-
15-129	SO JERSEY WS CO 1	09NOV58	-	-	0	-	-	-	-	-
15-129	SO JERSEY WS CO 1	09DEC58	-	-	-	-	-	-	-	-
15-129	SO JERSEY WS CO 1	27OCT80	-	-	80	<1	3	-	-	<3
15-129	SO JERSEY WS CO 1	22SEP82	100	1	-	-	-	10	<1	-
15-130	SO JERSEY WS CO 3	22DEC70	25	-	70	<2	<120	<12	-	<8
15-131	CLEARVIEW HIGH SCHOOL 1	18SEP80	-	-	50	<1	2	-	-	<3
15-137	PURELAND WC 2 (3-1973)	26SEP80	-	-	90	<1	2	-	-	9
15-139	PURELAND WC TW 3	26SEP80	-	-	200	<1	2	-	-	6
15-143	PURELAND WC LANDTEC TW6C	30SEP80	-	-	60	2	<1	-	-	3
15-144	PURELAND WC 1-1973	26SEP80	-	-	40	3	<1	-	-	5
15-146	PURELAND WC LANDTECT TW9	01OCT80	-	-	70	<1	<1	-	-	23
15-158	MONSANTO CHEM WEST 2	19OCT82	<100	2	-	-	-	10	<1	-
15-159	MONSANTO CHEM EAST 1	23SEP80	-	-	90	<1	7	-	-	<3
15-159	MONSANTO CHEM EAST 1	19OCT82	100	4	-	-	-	10	<1	-
15-161	MONSANTO CHEM OBS 1	20OCT82	<100	2	-	-	-	10	<1	-
15-163	MONSANTO CHEM OBS 3	28OCT82	100	1	-	-	-	10	<1	-
15-166	PENNS GROVE WC-BRIDGPT 2	16SEP80	-	-	80	<1	3	-	-	3
15-166	PENNS GROVE WC-BRIDGPT 2	22DEC82	200	<1	-	-	-	10	<1	-
15-167	MONSANTO CHEM 3	23SEP80	-	-	80	<1	5	-	-	<3
15-167	MONSANTO CHEM 3	19OCT82	100	<1	-	-	-	10	<1	-
15-189	MANTUA MUA 2 (SEWELL 1)	04AUG80	-	-	50	<1	2	-	-	<3
15-191	MANTUA MUA 1 (SEWELL 2)	04AUG80	-	-	50	<1	3	-	-	<3
15-192	MANTUA MUA 5 (EDENWD 1)	11SEP80	-	-	60	<1	2	-	-	<3
15-192	MANTUA MUA 5 (EDENWD 1)	04JAN83	100	1	-	-	-	10	<1	-
15-193	MANTUA MUA 3 (MANT WC 2)	04AUG80	-	-	60	<1	<1	-	-	<3
15-193	MANTUA MUA 3 (MANT WC 2)	04JAN83	100	1	-	-	-	10	<1	-
15-194	MANTUA MUA 4 (MANT WC3)	04AUG80	-	-	70	1	1	-	-	<3
15-194	MANTUA MUA 4 (MANT WC3)	04JAN83	100	1	-	-	-	10	<1	-
15-207	NATIONAL PARK BORO WD 2	18MAY71	11	-	24	<1	<17	<4	-	<2
15-207	NATIONAL PARK BORO WD 2	09SEP80	-	-	40	<1	5	-	-	<3
15-210	PAULSBORO WD 6-73	11SEP80	-	-	60	<1	3	-	-	<3
15-210	PAULSBORO WD 6-73	30NOV82	<100	2	-	-	-	10	1	-
15-212	PAULSBORO WD 4-51	14AUG67	0	-	-	-	-	-	-	-
15-212	PAULSBORO WD 4-51	11SEP80	-	-	70	1	1	-	-	10
15-212	PAULSBORO WD 4-51	30NOV82	<100	1	-	-	-	10	1	-
15-213	PAULSBORO WD 5-57	14AUG67	600	-	-	-	-	-	-	-
15-213	PAULSBORO WD 5-57	11SEP80	-	-	60	1	2	-	-	18
15-220	ESSEX CHEM-OLIN 1-1954	14AUG67	1000	-	-	-	-	-	-	-
15-231	MARINO, H	20OCT80	-	-	70	<1	5	-	-	150
15-236	SWEDESBORO BORO WD 3	10SEP80	-	-	140	<1	2	-	-	<3
15-240	DEL MONTE CORP 9	10SEP80	-	-	80	<1	<1	-	-	<3
15-248	WASHINGTON TWP MUA 5-73	18AUG82	<100	1	-	-	-	10	<1	-
15-253	WASHINGTON TWP MUA 6-64	18AUG82	<100	1	-	-	-	10	<1	-
15-261	WASHINGTON TWP MUA 1	17AUG67	0	-	-	-	-	-	-	-
15-261	WASHINGTON TWP MUA 1	13AUG82	<100	1	-	-	-	10	<1	-
15-267	WASHINGTON TWP MUA 3	13AUG82	<100	1	-	-	-	10	<1	-
15-274	WENONAH BORO WD 1	04AUG80	-	-	70	<1	3	-	-	<3
15-276	W DEPTFORD TWP WD 4	15AUG67	0	-	-	-	-	-	-	-
15-276	W DEPTFORD TWP WD 4	26AUG80	-	-	60	<1	3	-	-	<3
15-276	W DEPTFORD TWP WD 4	28DEC82	100	<1	-	-	-	10	<1	-
15-281	W DEPTFORD TWP WD 3	15AUG67	0	-	-	-	-	-	-	-
15-281	W DEPTFORD TWP WD 3	26AUG80	-	-	70	<1	3	-	-	<3
15-282	W DEPTFORD TWP WD 5	10DEC80	-	-	20	<1	2	-	-	<3
15-283	SHELL CHEM CO 3	24SEP80	-	-	30	<1	<1	-	-	<3
15-284	SHELL CHEM CO 4	15AUG67	0	-	-	-	-	-	-	-

TABLE 4.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED TRACE METALS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Copper	Lead	Lithium	Molybdenum	Strontium	Vanadium	Zinc
15- 81	EI DUPONT REPAUNO 5	12SEP80	10	46	5	<10	160	<6	20
15- 81	EI DUPONT REPAUNO 5	24AUG82	-	-	-	-	-	-	-
15- 94	MOBIL OIL-GREENWICH 44	14AUG67	-	-	-	-	-	-	-
15- 94	MOBIL OIL-GREENWICH 44	17SEP80	<10	<10	13	<10	350	<6	89
15- 96	HERCULES CHEM-GIBB OBS 2	06DEC82	-	-	-	-	-	-	-
15- 97	HERCULES CHEM GIBB 8 OBS	03NOV82	-	-	-	-	-	-	-
15- 98	MOBIL OIL-GREENWICH 45	14AUG67	-	-	-	-	-	-	-
15- 98	MOBIL OIL-GREENWICH 45	17SEP80	<10	<10	17	<10	460	20	170
15- 98	MOBIL OIL-GREENWICH 45	11AUG82	-	-	-	-	-	-	-
15-101	MOBIL OIL-GREENWICH 40	14AUG67	-	-	-	-	-	-	-
15-102	EI DUPONT REPAUNO 20	21DEC70	100	-	-	-	-	-	1600
15-109	MOBIL OIL-GREENWICH 41	14AUG67	-	-	-	-	-	-	-
15-109	MOBIL OIL-GREENWICH 41	11AUG82	-	-	-	-	-	-	-
15-118	MOBIL OIL-GREENWICH 47	17SEP80	<10	<10	12	<10	450	<6	<4
15-118	MOBIL OIL-GREENWICH 47	11AUG82	-	-	-	-	-	-	-
15-129	SO JERSEY WS CO 1	09NOV58	-	-	-	-	-	-	-
15-129	SO JERSEY WS CO 1	09DEC58	0	-	200	-	190	-	0
15-129	SO JERSEY WS CO 1	27OCT80	<10	14	12	<10	370	<6	<4
15-129	SO JERSEY WS CO 1	22SEP82	-	-	-	-	-	-	-
15-130	SO JERSEY WS CO 3	22DEC70	3	<12	8	-	730	-	<490
15-131	CLEARVIEW HIGH SCHOOL 1	18SEP80	<10	<10	7	<10	300	<6	<4
15-137	PURELAND WC 2 (3-1973)	26SEP80	<10	<10	12	<10	320	<6	15
15-139	PURELAND WC TW 3	26SEP80	<10	<10	21	<10	2200	<6	11
15-143	PURELAND WC LANDTEC TW6C	30SEP80	<10	<10	16	<10	76	<6	26
15-144	PURELAND WC 1-1973	26SEP80	<10	<10	18	<10	60	<6	19
15-146	PURELAND WC LANDTECT TW9	010CT80	<10	<10	14	<10	160	<6	61
15-158	MONSANTO CHEM WEST 2	190CT82	-	-	-	-	-	-	-
15-159	MONSANTO CHEM EAST 1	23SEP80	<10	<10	12	<10	570	<6	<4
15-159	MONSANTO CHEM EAST 1	190CT82	-	-	-	-	-	-	-
15-161	MONSANTO CHEM OBS 1	200CT82	-	-	-	-	-	-	-
15-163	MONSANTO CHEM OBS 3	280CT82	-	-	-	-	-	-	-
15-166	PENNS GROVE WC-BRIDGPT 2	16SEP80	<10	<10	7	<10	71	<6	34
15-166	PENNS GROVE WC-BRIDGPT 2	22DEC82	-	-	-	-	-	-	-
15-167	MONSANTO CHEM 3	23SEP80	<10	<10	16	<10	400	<6	<4
15-167	MONSANTO CHEM 3	190CT82	-	-	-	-	-	-	-
15-189	MANTUA MUA 2 (SEWELL 1)	04AUG80	24	<10	5	<10	230	<6	8
15-191	MANTUA MUA 1 (SEWELL 2)	04AUG80	<10	<10	5	<10	230	<6	5
15-192	MANTUA MUA 5 (EDENWD 1)	11SEP80	16	<10	7	<10	300	<6	<4
15-192	MANTUA MUA 5 (EDENWD 1)	04JAN83	-	-	-	-	-	-	-
15-193	MANTUA MUA 3 (MANT WC 2)	04AUG80	<10	<10	5	<10	260	<6	10
15-193	MANTUA MUA 3 (MANT WC 2)	04JAN83	-	-	-	-	-	-	-
15-194	MANTUA MUA 4 (MANT WC3)	04AUG80	<10	<10	5	<10	310	<6	11
15-194	MANTUA MUA 4 (MANT WC3)	04JAN83	-	-	-	-	-	-	-
15-207	NATIONAL PARK BORO WD 2	18MAY71	4	0	3	<2	360	<2	10
15-207	NATIONAL PARK BORO WD 2	09SEP80	<10	14	6	<10	740	<6	8
15-210	PAULSBORO WD 6-73	11SEP80	<10	<10	13	<10	150	<6	25
15-210	PAULSBORO WD 6-73	30NOV82	-	-	-	-	-	-	-
15-212	PAULSBORO WD 4-51	14AUG67	-	-	-	-	-	-	-
15-212	PAULSBORO WD 4-51	11SEP80	10	<10	17	<10	200	<6	140
15-212	PAULSBORO WD 4-51	30NOV82	-	-	-	-	-	-	-
15-213	PAULSBORO WD 5-57	14AUG67	-	-	-	-	-	-	-
15-213	PAULSBORO WD 5-57	11SEP80	10	<10	11	<10	170	<6	150
15-220	ESSEX CHEM-OLIN 1-1954	14AUG67	-	-	-	-	-	-	-
15-231	MARINO, H	200CT80	<10	<10	6	<10	58	13	83
15-236	SWEDESBORO BORO WD 3	10SEP80	<10	<10	9	<10	730	<6	6
15-240	DEL MONTE CORP 9	10SEP80	<10	<10	10	<10	620	<6	<4
15-248	WASHINGTON TWP MUA 5-73	18AUG82	-	-	-	-	-	-	-
15-253	WASHINGTON TWP MUA 6-64	18AUG82	-	-	-	-	-	-	-
15-261	WASHINGTON TWP MUA 1	17AUG67	-	-	-	-	-	-	-
15-261	WASHINGTON TWP MUA 1	13AUG82	-	-	-	-	-	-	-
15-267	WASHINGTON TWP MUA 3	13AUG82	-	-	-	-	-	-	-
15-274	WENONAH BORO WD 1	04AUG80	<10	<10	4	<10	270	<6	7
15-276	W DEPTFORD TWP WD 4	15AUG67	-	-	-	-	-	-	-
15-276	W DEPTFORD TWP WD 4	26AUG80	<10	<10	6	<10	350	<6	<4
15-276	W DEPTFORD TWP WD 4	28DEC82	-	-	-	-	-	-	-
15-281	W DEPTFORD TWP WD 3	15AUG67	-	-	-	-	-	-	-
15-281	W DEPTFORD TWP WD 3	26AUG80	<10	<10	5	<10	420	<6	<4
15-282	W DEPTFORD TWP WD 5	10DEC80	<10	<10	<4	<10	330	<6	<4
15-283	SHELL CHEM CO 3	24SEP80	<10	<10	6	<10	490	<6	<4
15-284	SHELL CHEM CO 4	15AUG67	-	-	-	-	-	-	-

TABLE 4.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED TRACE METALS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Aluminum	Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium	Cobalt
15-284	SHELL CHEM CO 4	24SEP80	-	-	120	2	<1	-	-	<3
15-308	PENWALT CORP TW 8	18SEP80	-	-	40	<1	1	-	-	<3
15-312	W DEPTFORD TWP WD 6	26AUG80	-	-	30	1	4	-	-	<3
15-312	W DEPTFORD TWP WD 6	18AUG82	<100	1	-	-	-	10	<1	-
15-314	TEXACO EAGLE PT 6-PROD	22DEC70	9	-	70	<1	<35	<4	-	<2
15-314	TEXACO EAGLE PT 6-PROD	09AUG82	<100	<1	-	-	-	10	<1	-
15-317	TEXACO EAGLE PT 7	09SEP80	-	-	80	<1	6	-	-	<3
15-319	TEXACO EAGLE PT 4-PROD	18MAY71	-	-	-	-	-	-	-	-
15-319	TEXACO EAGLE PT 4-PROD	29JUN72	-	-	-	-	0	-	-	0
15-319	TEXACO EAGLE PT 4-PROD	30JUN74	-	<1	-	-	0	<20	-	0
15-320	TEXACO EAGLE PT 1	09SEP80	-	-	70	<1	5	-	-	<3
15-321	TEXACO EAGLE PT 5	09SEP80	-	-	90	<1	5	-	-	<3
15-321	TEXACO EAGLE PT 5	09AUG82	<100	1	-	-	-	<10	<1	-
15-323	TEXACO EAGLE PT 3-OBS	18MAY71	43	-	84	<1	<20	<5	-	<2
15-323	TEXACO EAGLE PT 3-OBS	29JUN72	-	-	-	-	5	-	-	0
15-323	TEXACO EAGLE PT 3-OBS	30JUN74	-	1	-	-	0	<20	-	0
15-323	TEXACO EAGLE PT 3-OBS	07SEP82	<100	1	-	-	-	10	<1	-
15-324	TEXACO EAGLE PT 4-OBS	19NOV82	<100	1	-	-	-	20	<1	-
15-326	WESTVILLE BORO WD 5	02SEP80	-	-	170	<1	4	-	-	<3
15-326	WESTVILLE BORO WD 5	17SEP82	<100	1	-	-	-	10	<1	-
15-327	WESTVILLE BORO WD 4	20MAY71	7	-	28	<1	<11	<3	-	<2
15-327	WESTVILLE BORO WD 4	30JUN74	-	1	-	-	0	<20	-	0
15-327	WESTVILLE BORO WD 4	02SEP80	-	-	50	<1	4	-	-	<3
15-327	WESTVILLE BORO WD 4	10SEP82	<100	1	-	-	-	10	<1	-
15-331	WOODBURY WD RAILROAD 5	10DEC80	-	-	20	<1	<1	-	-	<3
15-331	WOODBURY WD RAILROAD 5	22DEC82	100	<1	-	-	-	10	<1	-
15-332	WOODBURY WD-PARK LOT 3	17OCT80	-	-	100	<1	<1	-	-	<3
15-334	MACCARONE, J	20OCT80	-	-	120	<1	<1	-	-	10
15-337	MAUGERI, SAL	14OCT80	-	-	70	<1	4	-	-	<3
15-340	CATALANO, F	20OCT80	-	-	80	<1	<1	-	-	11
15-341	BUTLER, WALTER	27OCT80	-	-	110	<1	3	-	-	<3
15-342	DEL MONTE CORP 10	10SEP80	-	-	90	<1	2	-	-	2
15-345	MUSUMECI, P	27OCT80	-	-	60	<1	6	-	-	11
15-347	GREENWICH TWP WD 5	10DEC80	-	-	80	<1	<1	-	-	5
15-347	GREENWICH TWP WD 5	22SEP82	100	1	-	-	-	10	<1	-
15-348	GREENWICH TWP WD 6	18SEP80	-	-	40	<1	<1	-	-	25
15-348	GREENWICH TWP WD 6	22DEC82	100	<1	-	-	-	10	<1	-
15-349	PURELAND WC LANDTECT 2	01OCT80	-	-	170	<1	<1	-	-	30
15-350	PURELAND WC LANDTECT 1	30SEP80	-	-	<2	2	<1	-	-	<3
15-354	ROLLINS ENVIR DP2	31OCT80	-	-	90	<1	<1	-	-	7
15-355	E GREENWICH TWP WD 3	05SEP80	-	-	60	<1	2	-	-	<3
15-357	EI DUPONT REPAUNO 7 OBS	16NOV82	<100	<1	-	-	-	20	<1	-
15-361	GLASSBORO BORO WD 5	17AUG82	<100	1	-	-	-	10	<1	-
15-366	CIANCIULLI, TIMOTHY	17NOV80	-	-	140	<1	1	-	-	<3
15-373	W DEPTFORD TWP MUA 7	18AUG82	<100	1	-	-	-	10	<1	-
15-374	DEPTFORD TWP MUA 6	02SEP80	-	-	30	<1	3	-	-	<3
15-380	MONSANTO CHEM OBS 2	28OCT82	<100	11	-	-	-	10	<1	-
15-387	ROLLINS ENVIR DP1	31OCT80	-	-	100	<1	4	-	-	25
15-388	ROLLINS ENVIR DP3	31OCT80	-	-	90	<1	3	-	-	7
15-390	GLOUCESTER CO SEW AUTH 1	25SEP80	-	-	110	<1	1	-	-	26
15-392	NJ TPK AUTH-MAINT S-1-64	08SEP80	-	-	120	<1	6	-	-	<3
15-395	REPAUPO FIRE CO 30-1972	24SEP80	-	-	60	1	2	-	-	26
15-399	ALLIED ENERGY 1 1977	15SEP80	-	-	90	<1	3	-	-	24
15-409	LOGAN TWP MUA 1	09OCT80	-	-	40	1	3	-	-	<3
15-410	TEXACO EAGLE PT 4A	09SEP80	-	-	110	<1	5	-	-	<3
15-410	TEXACO EAGLE PT 4A	09AUG82	<100	<1	-	-	-	10	<1	-
15-417	S&S AUCTION HOUSE 1 1978	25SEP80	-	-	50	1	<1	-	-	6
15-422	PITMAN BORO WD P4	23JUL82	300	1	-	-	-	20	<1	-
15-434	WESTVILLE BORO WD 6	17SEP82	<100	1	-	-	-	10	<1	-
15-439	ESSEX CHEM-OLIN 2-1970	08OCT80	-	-	90	<1	6	-	-	7
15-439	ESSEX CHEM-OLIN 2-1970	23JUL82	200	1	-	-	-	20	<1	-
21- 39	STAUFFER CHEM CO 1	04JUN80	-	-	40	2	3	-	-	<3
21- 44	BORDENTOWN WD-WH 1	04JUN80	-	-	30	<1	3	-	-	20
21- 92	CHAMPALE INC-YARDSIDE	04JUN80	-	-	40	<1	<1	-	-	20
21-147	PUB SERV E-G-DUCK ISL 1	09JUN80	-	-	230	3	9	-	-	<3
33- 67	EI DUPONT-COURSE LAND P1	15OCT80	-	-	20	<1	1	-	-	<3
33- 69	NJ TPKE SERV AREA 1N-1	08SEP80	-	-	50	<1	5	-	-	<3
33- 74	OLDSMANS TWP WD 1	03OCT80	-	-	40	6	2	-	-	<3
33- 76	DAWSON, H W	20OCT80	-	-	40	<1	4	-	-	86
33- 80	AIRCO INDUSTRIAL GASES 1	03OCT80	-	-	40	1	<1	-	-	<3

TABLE 4.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED TRACE METALS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Copper	Lead	Lithium	Molybdenum	Strontium	Vanadium	Zinc
15-284	SHELL CHEM CO 4	24SEP80	<10	<10	16	<10	850	<6	<4
15-308	PENWALT CORP TW 8	18SEP80	<10	<10	5	<10	480	<6	<4
15-312	W DEPTFORD TWP WD 6	26AUG80	<10	<10	4	<10	400	<6	<4
15-312	W DEPTFORD TWP WD 6	18AUG82	-	-	-	-	-	-	-
15-314	TEXACO EAGLE PT 6-PROD	22DEC70	6	<4	5	<2	1000	<4	<130
15-314	TEXACO EAGLE PT 6-PROD	09AUG82	-	-	-	-	-	-	-
15-317	TEXACO EAGLE PT 7	09SEP80	<10	17	10	<10	660	9	<4
15-319	TEXACO EAGLE PT 4-PROD	18MAY71	-	-	-	-	-	-	10
15-319	TEXACO EAGLE PT 4-PROD	29JUN72	10	20	-	-	-	-	-
15-319	TEXACO EAGLE PT 4-PROD	30JUN74	0	<2	-	-	-	-	0
15-320	TEXACO EAGLE PT 1	09SEP80	<10	16	6	<10	1300	<6	<4
15-321	TEXACO EAGLE PT 5	09SEP80	<10	18	8	<10	1800	<6	4
15-321	TEXACO EAGLE PT 5	09AUG82	-	-	-	-	-	-	-
15-323	TEXACO EAGLE PT 3-OBS	18MAY71	5	<2	5	<2	1200	<2	20
15-323	TEXACO EAGLE PT 3-OBS	29JUN72	10	40	-	-	-	-	-
15-323	TEXACO EAGLE PT 3-OBS	30JUN74	0	<2	-	-	-	-	0
15-323	TEXACO EAGLE PT 3-OBS	07SEP82	-	-	-	-	-	-	-
15-324	TEXACO EAGLE PT 4-OBS	19NOV82	-	-	-	-	-	-	-
15-326	WESTVILLE BORO WD 5	02SEP80	<10	<10	12	<10	2900	<6	9
15-326	WESTVILLE BORO WD 5	17SEP82	-	-	-	-	-	-	-
15-327	WESTVILLE BORO WD 4	20MAY71	6	0	2	<2	710	<2	<110
15-327	WESTVILLE BORO WD 4	30JUN74	0	<2	-	-	-	-	0
15-327	WESTVILLE BORO WD 4	02SEP80	<10	<10	4	<10	1400	<6	8
15-327	WESTVILLE BORO WD 4	10SEP82	-	-	-	-	-	-	-
15-331	WOODBURY WD RAILROAD 5	10DEC80	<10	<10	<4	<10	280	<6	<4
15-331	WOODBURY WD RAILROAD 5	22DEC82	-	-	-	-	-	-	-
15-332	WOODBURY WD-PARK LOT 3	17OCT80	<10	<10	4	<10	780	<6	<4
15-334	MACCARONE, J	20OCT80	<10	<10	<4	<10	1400	<6	9
15-337	MAUGERI, SAL	14OCT80	<10	<10	7	<10	430	<6	<4
15-340	CATALANO, F	20OCT80	<10	<10	7	<10	440	<6	6
15-341	BUTLER, WALTER	27OCT80	<10	13	5	<10	550	<6	14
15-342	DEL MONTE CORP 10	10SEP80	<10	<10	9	<10	560	<6	27
15-345	MUSUMECI, P	27OCT80	<10	17	45	<10	280	<6	120
15-347	GREENWICH TWP WD 5	10DEC80	<10	<10	6	<10	94	<6	62
15-347	GREENWICH TWP WD 5	22SEP82	-	-	-	-	-	-	-
15-348	GREENWICH TWP WD 6	18SEP80	17	<10	11	<10	62	<6	87
15-348	GREENWICH TWP WD 6	22DEC82	-	-	-	-	-	-	-
15-349	PURELAND WC LANDTECT 2	01OCT80	<10	<10	33	<10	310	<6	87
15-350	PURELAND WC LANDTECT 1	30SEP80	<10	<10	<4	60	<1	<6	<4
15-354	ROLLINS ENVIR DP2	31OCT80	17	25	23	<10	210	<6	42
15-355	E GREENWICH TWP WD 3	05SEP80	<10	<10	5	<10	420	<6	4
15-357	EI DUPONT REPAUNO 7 OBS	16NOV82	-	-	-	-	-	-	-
15-361	GLASSBORO BORO WD 5	17AUG82	-	-	-	-	-	-	-
15-366	CIANCIULLI, TIMOTHY	17NOV80	<10	<10	12	<10	760	<6	<4
15-373	W DEPTFORD TWP MUA 7	18AUG82	-	-	-	-	-	-	-
15-374	DEPTFORD TWP MUA 6	02SEP80	<10	<10	<4	<10	290	<6	<4
15-380	MONSANTO CHEM OBS 2	28OCT82	-	-	-	-	-	-	-
15-387	ROLLINS ENVIR DP1	31OCT80	<10	<10	15	<10	450	8	12
15-388	ROLLINS ENVIR DP3	31OCT80	10	23	9	<10	120	<6	45
15-390	GLOUCESTER CO SEW AUTH 1	25SEP80	<10	<10	13	<10	470	<6	41
15-392	NJ TPK AUTH-MAINT S-1-64	08SEP80	<10	13	10	<10	730	<6	72
15-395	REPAUPO FIRE CO 30-1972	24SEP80	<10	<10	14	<10	74	<6	39
15-399	ALLIED ENERGY 1 1977	15SEP80	<10	<10	45	<10	230	<6	43
15-409	LOGAN TWP MUA 1	09OCT80	<10	<10	<4	10	61	<6	46
15-410	TEXACO EAGLE PT 4A	09SEP80	<10	17	10	<10	2300	<6	<4
15-410	TEXACO EAGLE PT 4A	09AUG82	-	-	-	-	-	-	-
15-417	S&S AUCTION HOUSE 1 1978	25SEP80	16	<10	<4	<10	95	<6	230
15-422	PITMAN BORO WD P4	23JUL82	-	-	-	-	-	-	-
15-434	WESTVILLE BORO WD 6	17SEP82	-	-	-	-	-	-	-
15-439	ESSEX CHEM-OLIN 2-1970	08OCT80	10	10	22	<10	1600	<6	36
15-439	ESSEX CHEM-OLIN 2-1970	23JUL82	-	-	-	-	-	-	-
21- 39	STAUFFER CHEM CO 1	04JUN80	<10	<10	13	<10	19	<6	13
21- 44	BORDENTOWN WD-WH 1	04JUN80	42	<10	6	<10	20	<6	130
21- 92	CHAMPALE INC-YARDSIDE	04JUN80	930	<10	14	<10	100	<6	600
21-147	PUB SERV E-G-DUCK ISL 1	09JUN80	<10	-	4	22	560	<6	<4
33- 67	EI DUPONT-COURSE LAND P1	15OCT80	<10	<10	<4	<10	110	<6	26
33- 69	NJ TPKE SERV AREA 1N-1	08SEP80	<10	15	8	<10	330	8	<4
33- 74	OLDSMANS TWP WD 1	03OCT80	<10	<10	7	15	290	<6	10
33- 76	DAWSON, H W	20OCT80	<10	<10	12	15	120	11	7
33- 80	AIRCO INDUSTRIAL GASES 1	03OCT80	<10	<10	12	20	54	<6	16

TABLE 4.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED TRACE METALS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Aluminum	Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium	Cobalt
33- 83	BF GOODRICH CO 9	09OCT80	-	-	50	2	5	-	-	<3
33- 83	BF GOODRICH CO 9	21OCT82	100	1	-	-	-	10	<1	-
33- 85	BF GOODRICH CO 6	09OCT80	-	-	60	3	4	-	-	<3
33- 85	BF GOODRICH CO 6	21OCT82	<100	1	-	-	-	10	<1	-
33- 86	BF GOODRICH CO 4	09OCT80	-	-	120	5	3	-	-	<3
33- 86	BF GOODRICH CO 4	21OCT82	100	1	-	-	-	10	<1	-
33-103	PENNS GROVE SEW AUTH 1	22SEP80	-	-	20	<1	8	-	-	<3
33-106	LINSKI, ALEX 2-1962	10OCT80	-	-	210	3	3	-	-	<3
33-108	US ARMY-FINNS PT CEM	10OCT80	-	-	50	8	2	-	-	<3
33-108	US ARMY-FINNS PT CEM	15OCT82	100	<1	-	-	-	10	<1	-
33-112	PENNSVILLE TWP WD 4	02OCT80	-	-	30	<1	2	-	-	19
33-112	PENNSVILLE TWP WD 4	08OCT82	100	1	-	-	-	<10	<1	-
33-117	PENNSVILLE TWP WD 3	02OCT80	-	-	30	<1	4	-	-	35
33-117	PENNSVILLE TWP WD 3	08OCT82	<100	1	-	-	-	10	<1	-
33-118	PENNSVILLE TWP WD 1	02OCT80	-	-	50	<1	<1	-	-	6
33-118	PENNSVILLE TWP WD 1	08OCT82	100	1	-	-	-	10	<1	-
33-119	PENNSVILLE TWP WD 2	02OCT80	-	-	100	<1	3	-	-	22
33-119	PENNSVILLE TWP WD 2	08OCT82	100	1	-	-	-	10	<1	-
33-122	ATL CITY EL-DEEPWATER 3R	22SEP80	-	-	80	<1	3	-	-	<3
33-122	ATL CITY EL-DEEPWATER 3R	12OCT82	<100	1	-	-	-	10	<1	-
33-125	ATL CITY EL-DEEPWATER 5	12OCT82	<100	1	-	-	-	10	<1	-
33-126	EI DUPONT-RANNEY 7	07DEC67	100	-	-	-	-	-	-	-
33-126	EI DUPONT-RANNEY 7	21OCT80	-	-	60	<1	4	-	-	100
33-127	ATL CITY EL-DEEPWATER 6	22SEP80	-	-	150	<1	7	-	-	<3
33-127	ATL CITY EL-DEEPWATER 6	12OCT82	100	1	-	-	-	10	<1	-
33-128	EI DUPONT-RANNEY 6	07DEC67	100	-	-	-	-	-	-	-
33-135	EI DUPONT-RANNEY 5	19JAN68	18000	-	-	-	-	-	-	-
33-137	EI DUPONT-DRINKWATER 8	15OCT80	-	-	30	<1	<1	-	-	<3
33-147	SALEM CO OFFICE BLDG 1	14OCT80	-	-	40	<1	3	-	-	<3
33-163	RICHMAN ICE CREAM 1	16SEP80	-	-	20	<1	3	-	-	<3
33-163	RICHMAN ICE CREAM 1	15OCT82	500	<1	-	-	-	10	<1	-
33-198	DUBOIS BROTHERS IRR 74	16SEP80	-	-	40	<1	1	-	-	69
33-251	USGS-SALEM 1 OBS	22NOV82	<100	<1	-	-	-	10	2	-
33-253	USGS-SALEM 3 OBS	22NOV82	<100	<1	-	-	-	10	2	-
33-305	EI DUPONT-COURSE LAND P3	15OCT80	-	-	20	3	4	-	-	<3
33-307	EI DUPONT-RANNEY 1	07DEC67	1600	-	-	-	-	-	-	-
33-310	EI DUPONT-RANNEY 4	07DEC67	6800	-	-	-	-	-	-	-
33-322	EI DUPONT-CARNEY PT 2	15OCT80	-	-	70	1	<1	-	-	<3
33-322	EI DUPONT-CARNEY PT 2	16NOV82	<100	<1	-	-	-	10	<1	-
33-325	EI DUPONT-CARNEY PT 3	16FEB68	200	-	-	-	-	-	-	-
33-326	EI DUPONT-CARNEY PT 4	16FEB68	200	-	-	-	-	-	-	-
33-345	PENNS GROVE WC 2B	23SEP80	-	-	80	<1	3	-	-	10
33-345	PENNS GROVE WC 2B	12OCT82	100	1	-	-	-	10	<1	-
33-346	PENNS GROVE WC-LAYNE 1	23SEP80	-	-	50	<1	3	-	-	<3
33-346	PENNS GROVE WC-LAYNE 1	12OCT82	<100	1	-	-	-	10	<1	-
33-354	WOODSTOWN BORO WD 2	06OCT80	-	-	40	<1	<1	-	-	<3
33-360	PENNSVILLE T WD 5	02OCT80	-	-	40	1	6	-	-	27
33-361	PENNS GROVE WC-LAYTN1-79	23SEP80	-	-	60	<1	2	-	-	<3
33-362	WOODSTOWN BORO WD 3	06OCT80	-	-	40	<1	2	-	-	<3
33-364	PSEG-SALEM NUC GEN STA 5	22OCT82	100	1	-	-	-	10	<1	-
33-401	PUBLIC SERVICE TEST 1-80	09SEP80	-	-	80	<1	3	-	-	<3
33-419	NL INDUSTRIES MON 8R	21NOV80	-	-	40	<1	<1	-	-	<3
33-420	NL INDUSTRIES MON 9R2	21NOV80	-	-	30	<1	1	-	-	5
33-421	SPARKS, MAYHEW	20NOV80	-	-	60	<1	<1	-	-	14

TABLE 4.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED TRACE METALS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Copper	Lead	Lithium	Molybdenum	Strontium	Vanadium	Zinc
33- 83	BF GOODRICH CO 9	09OCT80	11	<10	10	19	94	8	11
33- 83	BF GOODRICH CO 9	21OCT82	-	-	-	-	-	-	-
33- 85	BF GOODRICH CO 6	09OCT80	<10	<10	11	22	170	<6	6
33- 85	BF GOODRICH CO 6	21OCT82	-	-	-	-	-	-	-
33- 86	BF GOODRICH CO 4	09OCT80	<10	<10	17	13	1100	<6	13
33- 86	BF GOODRICH CO 4	21OCT82	-	-	-	-	-	-	-
33-103	PENNS GROVE SEW AUTH 1	22SEP80	<10	<10	4	<10	29	<6	29
33-106	LINSKI, ALEX 2-1962	10OCT80	<10	<10	11	13	1100	<6	9
33-108	US ARMY-FINNS PT CEM	10OCT80	<10	<10	<4	<10	250	<6	10
33-108	US ARMY-FINNS PT CEM	15OCT82	-	-	-	-	-	-	-
33-112	PENNSVILLE TWP WD 4	02OCT80	<10	<10	5	<10	160	<6	4
33-112	PENNSVILLE TWP WD 4	08OCT82	-	-	-	-	-	-	-
33-117	PENNSVILLE TWP WD 3	02OCT80	<10	<10	5	<10	73	7	7
33-117	PENNSVILLE TWP WD 3	08OCT82	-	-	-	-	-	-	-
33-118	PENNSVILLE TWP WD 1	02OCT80	<10	<10	<4	<10	220	<6	8
33-118	PENNSVILLE TWP WD 1	08OCT82	-	-	-	-	-	-	-
33-119	PENNSVILLE TWP WD 2	02OCT80	<10	<10	5	<10	370	<6	36
33-119	PENNSVILLE TWP WD 2	08OCT82	-	-	-	-	-	-	-
33-122	ATL CITY EL-DEEPWATER 3R	22SEP80	<10	<10	5	<10	460	<6	<4
33-122	ATL CITY EL-DEEPWATER 3R	12OCT82	-	-	-	-	-	-	-
33-125	ATL CITY EL-DEEPWATER 5	12OCT82	-	-	-	-	-	-	-
33-126	EI DUPONT-RANNEY 7	07DEC67	-	-	-	-	-	-	200
33-126	EI DUPONT-RANNEY 7	21OCT80	<10	<10	<4	<10	51	9	5
33-127	ATL CITY EL-DEEPWATER 6	22SEP80	<10	<10	7	<10	720	<6	<4
33-127	ATL CITY EL-DEEPWATER 6	12OCT82	-	-	-	-	-	-	-
33-128	EI DUPONT-RANNEY 6	07DEC67	-	-	-	-	-	-	150
33-135	EI DUPONT-RANNEY 5	19JAN68	-	-	-	-	-	-	1200
33-137	EI DUPONT-DRINKWATER 8	15OCT80	<10	<10	<4	<10	90	<6	19
33-147	SALEM CO OFFICE BLDG 1	14OCT80	<10	<10	5	<10	150	<6	<4
33-163	RICHMAN ICE CREAM 1	16SEP80	19	<10	1	<10	77	<6	430
33-163	RICHMAN ICE CREAM 1	15OCT82	-	-	-	-	-	-	-
33-198	DUBOIS BROTHERS IRR 74	16SEP80	<10	<10	4	<10	300	<6	<4
33-251	USGS-SALEM 1 OBS	22NOV82	-	-	-	-	-	-	-
33-253	USGS-SALEM 3 OBS	22NOV82	-	-	-	-	-	-	-
33-305	EI DUPONT-COURSE LAND P3	15OCT80	<10	<10	<4	<10	120	<6	7
33-307	EI DUPONT-RANNEY 1	07DEC67	-	-	-	-	-	-	550
33-310	EI DUPONT-RANNEY 4	07DEC67	-	-	-	-	-	-	1700
33-322	EI DUPONT-CARNEY PT 2	15OCT80	<10	<10	23	<10	870	<6	<4
33-322	EI DUPONT-CARNEY PT 2	16NOV82	-	-	-	-	-	-	-
33-325	EI DUPONT-CARNEY PT 3	16FEB68	-	-	-	-	-	-	-
33-326	EI DUPONT-CARNEY PT 4	16FEB68	-	-	-	-	-	-	-
33-345	PENNS GROVE WC 2B	23SEP80	<10	<10	12	<10	150	<6	130
33-345	PENNS GROVE WC 2B	12OCT82	-	-	-	-	-	-	-
33-346	PENNS GROVE WC-LAYNE 1	23SEP80	<10	<10	7	<10	450	<6	<4
33-346	PENNS GROVE WC-LAYNE 1	12OCT82	-	-	-	-	-	-	-
33-354	WOODSTOWN BORO WD 2	06OCT80	<10	<10	<4	<10	220	<6	<4
33-360	PENNSVILLE T WD 5	02OCT80	<10	<10	4	<10	86	<6	<4
33-361	PENNS GROVE WC-LAYTN1-79	23SEP80	10	<10	2	<10	170	<6	9
33-362	WOODSTOWN BORO WD 3	06OCT80	<10	<10	4	<10	220	<6	5
33-364	PSEG-SALEM NUC GEN STA 5	22OCT82	-	-	-	-	-	-	-
33-401	PUBLIC SERVICE TEST 1-80	09SEP80	<10	<10	8	<10	530	<6	12
33-419	NL INDUSTRIES MON 8R	21NOV80	<10	<10	7	<10	110	<6	17
33-420	NL INDUSTRIES MON 9R2	21NOV80	<10	<10	8	<10	27	<6	39
33-421	SPARKS, MAYHEW	20NOV80	17	<10	1	<10	210	<6	100

TABLE 5.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED NUTRIENTS.

[Concentrations in milligrams per liter.]

Well Number	Local Well Identifier	Date of Sample	Nitrate Nitrogen (As N)	Nitrate Nitrogen (As NO3)	Nitrate+ Nitrite Nitrogen (As N)	Ammonia+ Organic Nitrogen (As N)	Ammonia Nitrogen (As N)	Ammonia Nitrogen (As NH4)	Ortho-Phosphate (As P)
5- 39	NJ WC-DEL VALLEY WC 15	16APR69	-	26	-	-	-	-	0.10
5- 39	NJ WC-DEL VALLEY WC 15	30JUN80	-	-	7.3	-	-	-	0.00
5- 39	NJ WC-DEL VALLEY WC 15	17DEC82	-	-	4.7	0.70	<0.01	0.01	0.09
5- 43	OCEAN SPRAY 1	05JUN80	-	-	0.00	-	-	-	0.00
5- 45	SANDMAN MOTEL 1	03JUL67	0.02	0.10	-	-	-	-	0.20
5- 48	NJ DEPT DEF-NAT GUARD 1	03JUL67	-	0.00	-	-	-	-	0.00
5- 48	NJ DEPT DEF-NAT GUARD 1	04OCT71	0.02	0.10	-	-	-	-	-
5- 48	NJ DEPT DEF-NAT GUARD 1	05JUN80	-	-	0.00	-	-	-	0.00
5- 51	BURLINGTON CITY WD 3	24MAY51	1.30	5.9	-	-	-	-	-
5- 51	BURLINGTON CITY WD 3	19MAY52	1.40	6.0	-	-	-	-	-
5- 51	BURLINGTON CITY WD 3	12JUN80	-	-	0.86	-	-	-	0.06
5- 55	BURLINGTON CITY WD 6	06JUL70	-	5.6	-	-	-	-	0.07
5- 63	WILLINGBORO MUA 1-OBS	25JUL80	-	-	0.01	-	-	-	0.03
5- 67	DEACON, RUSSELL 1	03JUL67	-	0.00	-	-	-	-	0.10
5- 76	HEAL, CHARLES	19JUN80	-	-	0.02	-	-	-	0.00
5- 77	BURLINGTON TWP WD 1-1973	12JUN80	-	-	0.01	-	-	-	0.15
5- 86	TENNECO CHEM 5	12AUG82	-	-	2.3	0.50	0.06	0.08	-
5- 87	TENNECO CHEM 5-OBS	25JUL80	-	-	8.9	-	-	-	0.00
5- 89	TENNECO CHEM 7	20JUN80	-	-	3.2	-	-	-	0.00
5- 89	TENNECO CHEM 7	12AUG82	-	-	2.5	0.20	0.02	0.03	-
5- 91	TENNECO CHEM 4	30JUL82	-	-	2.0	1.4	1.40	1.8	-
5- 92	TENNECO CHEM 1	25JUL80	-	-	0.93	-	-	-	0.00
5- 94	TENNECO CHEM 3	20JUN80	-	-	2.1	-	-	-	0.00
5- 97	HERCULES POWDER 1	03MAY51	0.18	0.80	-	-	-	-	-
5- 97	HERCULES POWDER 1	30JUN67	-	0.20	-	-	-	-	0.00
5-100	HERCULES POWDER 2	11JUN80	-	-	0.12	-	-	-	0.00
5-102	COLUMBUS METAL 1	11JUN80	-	-	0.01	-	-	-	0.28
5-105	HOOKER CHEM CO-PROD 1	26JUN80	-	-	1.7	-	-	-	0.00
5-105	HOOKER CHEM CO-PROD 1	16DEC82	-	-	0.51	0.50	<0.01	0.01	0.03
5-117	GRAY,FRANCIS 1	13JUN61	0.02	0.10	-	-	-	-	-
5-117	GRAY,FRANCIS 1	03JUL67	-	0.10	-	-	-	-	0.10
5-118	LIPTAK,E A 1	03JUL67	-	0.00	-	-	-	-	0.10
5-121	NJ STATE REFORMATORY 4	05JUN80	-	-	0.00	-	-	-	0.00
5-123	NJ WC-DEL VALLEY WC 28	06AUG80	-	-	6.2	-	-	-	0.00
5-123	NJ WC-DEL VALLEY WC 28	02DEC82	-	-	5.4	<0.10	<0.01	0.01	0.06
5-126	NJ WC-DEL VALLEY WC 12	06AUG80	-	-	6.0	-	-	-	0.00
5-126	NJ WC-DEL VALLEY WC 12	17DEC82	-	-	6.7	<0.10	<0.01	0.01	-
5-127	NJ WC-DEL VALLEY WC 14	18AUG66	-	26	-	-	-	-	-
5-127	NJ WC-DEL VALLEY WC 14	30JUN80	-	-	6.8	-	-	-	0.06
5-127	NJ WC-DEL VALLEY WC 14	02DEC82	-	-	4.0	<0.10	<0.01	0.01	-
5-130	NJ WC-DEL VALLEY WC 13	18AUG66	-	16	-	-	-	-	-
5-130	NJ WC-DEL VALLEY WC 13	30JUN80	-	-	7.8	-	-	-	0.00
5-130	NJ WC-DEL VALLEY WC 13	02DEC82	-	-	4.8	0.10	<0.01	0.01	-
5-139	HOLIDAY LAKE WORTHINGTON	29AUG80	-	-	4.0	-	-	-	0.06
5-140	CHANT, HARRY	29AUG80	-	-	0.01	-	-	-	0.03
5-143	NJ WC-DEL VALLEY WC 23	02DEC82	-	-	4.0	0.20	<0.01	0.01	-
5-144	NJ WC-DEL VALLEY WC 24	30JUN80	-	-	6.2	-	-	-	0.00
5-162	DAYMENN CONVERTING	19JUN80	-	-	5.9	-	-	-	0.00
5-167	EVESHAM MUA 5	01SEP82	-	-	<0.10	0.40	0.24	0.31	0.12
5-170	EVESHAM MUA 1	11AUG66	-	1.2	-	-	-	-	-
5-171	EVESHAM MUA 2	11AUG66	-	0.80	-	-	-	-	-
5-180	WORKMAN,JAMES 1	03JUL67	-	9.0	-	-	-	-	0.00
5-184	HUNT BROS CIRCUS	06JUN80	-	-	0.00	-	-	-	0.00
5-185	SHERWATT EQUIPMENT 1	06JUN80	-	-	0.00	-	-	-	0.71
5-189	FLORENCE TWP WD 2	12JUN80	-	-	2.5	-	-	-	0.06
5-189	FLORENCE TWP WD 2	16DEC82	-	-	1.5	0.20	<0.01	0.01	-
5-190	FLORENCE TWP WD 1	23SEP52	1.50	6.5	-	-	-	-	-
5-190	FLORENCE TWP WD 1	30APR64	0.84	3.7	-	-	-	-	-
5-192	FRED WORTH AND SONS 1	09JUL70	-	0.40	-	-	-	-	0.00
5-201	ACACIA LUMBERTON MANOR	14SEP82	-	-	<0.10	0.50	0.16	0.21	0.12
5-208	COLUMBUS WC 2	22MAY51	0.11	0.50	-	-	-	-	-
5-208	COLUMBUS WC 2	16AUG67	-	0.40	-	-	-	-	0.00
5-208	COLUMBUS WC 2	22OCT80	-	-	0.01	-	-	-	0.00
5-209	COLUMBUS WC-TEST 1969	05OCT71	0.02	0.10	-	-	-	-	-
5-212	N BURL CO HIGH SCHOOL 1	22OCT80	-	-	0.01	-	-	-	0.03
5-214	WALDER, THOMAS	29JUL80	-	-	0.00	-	-	-	0.00
5-217	TRNPKE JCT IND PARK 1	04OCT71	0.02	0.10	-	-	-	-	-
5-228	MAPLE SHADE WD10	28AUG80	-	-	0.00	-	-	-	-
5-228	MAPLE SHADE WD10	25OCT82	-	-	<0.10	1.4	.0.13	0.17	0.06
5-229	MAPLE SHADE WD 9	29AUG80	-	-	0.01	-	-	-	0.00

TABLE 5.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED NUTRIENTS--Continued.

[Concentrations in milligrams per liter.]

Well Number	Local Well Identifier	Date of Sample	Nitrate Nitrogen (As N)	Nitrate Nitrogen (As NO3)	Nitrate+ Nitrite Nitrogen (As N)	Ammonia+ Organic Nitrogen (As N)	Ammonia Nitrogen (As N)	Ammonia Nitrogen (As NH4)	Ortho- Phosphate (As P)
5-229	MAPLE SHADE WD 9	25OCT82	-	-	<0.10	0.20	0.12	0.15	0.25
5-231	MAPLE SHADE WD 5	10AUG66	-	0.10	-	-	-	-	-
5-232	MAPLE SHADE WD 8	15JUL80	-	-	0.01	-	-	-	0.15
5-233	MAPLE SHADE WD 4	10AUG66	-	0.30	-	-	-	-	-
5-251	MEDFORD WC 4	15OCT71	0.02	0.10	-	-	-	-	-
5-251	MEDFORD WC 4	14SEP82	-	-	<0.10	0.60	0.22	0.28	0.12
5-252	MEDFORD WC 3	12AUG66	-	0.20	-	-	-	-	-
5-252	MEDFORD WC 3	14SEP82	-	-	<0.10	0.80	0.21	0.27	0.12
5-258	USGS-MEDFORD 1 OBS	08OCT63	0.02	0.10	-	-	-	-	-
5-258	USGS-MEDFORD 1 OBS	20APR72	0.00	0.00	-	-	-	-	0.06
5-258	USGS-MEDFORD 1 OBS	30AUG82	-	-	<0.10	0.70	0.22	0.28	0.09
5-261	USGS-MEDFORD 5 OBS	29APR72	0.07	0.30	-	-	-	-	0.00
5-261	USGS-MEDFORD 5 OBS	31AUG82	-	-	<0.10	0.50	0.12	0.15	0.09
5-262	USGS-MEDFORD 4 OBS	08MAR67	0.18	0.80	-	-	-	-	-
5-262	USGS-MEDFORD 4 OBS	20SEP67	-	0.20	-	-	-	-	0.10
5-262	USGS-MEDFORD 4 OBS	21APR72	0.00	0.00	-	-	-	-	0.09
5-262	USGS-MEDFORD 4 OBS	18OCT82	-	-	<0.10	0.18	0.18	0.23	0.06
5-265	MOORESTOWN TWP WD 6	10AUG66	-	0.20	-	-	-	-	-
5-265	MOORESTOWN TWP WD 6	11JUL80	-	-	0.00	-	-	-	0.00
5-268	PRICE BLDRS-LAYNE NY 1	11AUG66	-	0.20	-	-	-	-	-
5-273	MOORESTOWN FIELD CLUB 1	27JUN80	-	-	0.01	-	-	-	0.00
5-274	CAMPBELL SOUP 1 OBS	16AUG66	-	16	-	-	-	-	-
5-277	CAMPBELL SOUP 3	26JUN80	-	-	3.7	-	-	-	0.00
5-283	MOORESTOWN TWP WD 8	11JUL80	-	-	0.02	-	-	-	0.03
5-284	MOORESTOWN TWP WD 4	10AUG66	-	0.20	-	-	-	-	-
5-284	MOORESTOWN TWP WD 4	18AUG67	-	0.40	-	-	-	-	0.10
5-289	MT HOLLY WC 3	15AUG66	-	0.20	-	-	-	-	-
5-289	MT HOLLY WC 3	23OCT80	-	-	0.01	-	-	-	0.03
5-290	MT HOLLY WC 6	23OCT80	-	-	0.03	-	-	-	0.00
5-292	MT HOLLY WC 7	05AUG80	-	-	0.00	-	-	-	0.00
5-301	FELLOWSHIP MOTOR LODGE	20AUG80	-	-	0.01	-	-	-	0.00
5-303	MT LAUREL MUA 1	11AUG66	-	0.30	-	-	-	-	-
5-304	MT LAUREL MUA 2	28AUG80	-	-	0.01	-	-	-	-
5-304	MT LAUREL MUA 2	02SEP82	-	-	<0.10	0.14	0.14	0.18	-
5-310	NJ TURNPIKE AUTH-MAINT 2	08SEP80	-	-	0.00	-	-	-	0.28
5-313	HAINES,WILLIAM JR-FARM 2	26AUG69	-	0.30	-	-	-	-	0.07
5-317	NJ TURNPIKE AUTH 4N-1	08SEP80	-	-	0.00	-	-	-	0.00
5-322	RANCOCAS WOODS WC 1	07OCT71	0.00	0.00	-	-	-	-	-
5-324	MT LAUREL MUA 3	28AUG80	-	-	0.03	-	-	-	0.00
5-324	MT LAUREL MUA 3	02SEP82	-	-	<0.10	0.20	0.08	0.10	-
5-325	MT LAUREL MUA 4	02SEP82	-	-	<0.10	0.20	0.09	0.12	-
5-330	US ARMY-FT DIX 4	20NOV43	0.00	0.00	-	-	-	-	-
5-330	US ARMY-FT DIX 4	28MAY51	0.07	0.30	-	-	-	-	-
5-330	US ARMY-FT DIX 4	05JUN51	0.02	0.10	-	-	-	-	-
5-330	US ARMY-FT DIX 4	08JUL53	0.02	0.10	-	-	-	-	-
5-330	US ARMY-FT DIX 4	06JUL54	0.23	1.0	-	-	-	-	-
5-330	US ARMY-FT DIX 4	18JUN59	0.09	0.40	-	-	-	-	-
5-330	US ARMY-FT DIX 4	24MAY66	0.00	0.00	-	-	-	-	-
5-330	US ARMY-FT DIX 4	19FEB68	-	0.20	-	-	-	-	-
5-331	US ARMY-FT DIX 1	20NOV43	0.00	0.00	-	-	-	-	-
5-331	US ARMY-FT DIX 1	28MAY51	0.11	0.50	-	-	-	-	-
5-331	US ARMY-FT DIX 1	05JUN51	0.07	0.30	-	-	-	-	-
5-331	US ARMY-FT DIX 1	08JUL53	0.02	0.10	-	-	-	-	-
5-331	US ARMY-FT DIX 1	06JUL54	0.11	0.50	-	-	-	-	-
5-331	US ARMY-FT DIX 1	18JUN59	0.11	0.50	-	-	-	-	-
5-331	US ARMY-FT DIX 1	19JUN59	0.05	0.20	-	-	-	-	-
5-331	US ARMY-FT DIX 1	24MAY66	0.05	0.20	-	-	-	-	-
5-331	US ARMY-FT DIX 1	08JUL69	-	0.90	-	-	-	-	-
5-332	US ARMY-FT DIX 5	25MAY66	0.09	0.40	-	-	-	-	-
5-332	US ARMY-FT DIX 5	08FEB72	-	0.20	-	-	-	-	0.00
5-333	US ARMY-FT DIX 2	20NOV43	0.00	0.00	-	-	-	-	-
5-333	US ARMY-FT DIX 2	24MAY66	0.09	0.40	-	-	-	-	-
5-334	US ARMY-FT DIX 3	20NOV43	0.00	0.00	-	-	-	-	-
5-334	US ARMY-FT DIX 3	11SEP57	0.18	0.80	-	-	-	-	-
5-334	US ARMY-FT DIX 3	24MAY66	0.05	0.20	-	-	-	-	-
5-335	US AIR FORCE-MCGUIRE D	06FEB57	0.18	0.80	-	-	-	-	-
5-335	US AIR FORCE-MCGUIRE D	17JAN58	0.05	0.20	-	-	-	-	-
5-335	US AIR FORCE-MCGUIRE D	01MAR61	0.11	0.50	-	-	-	-	-
5-335	US AIR FORCE-MCGUIRE D	20NOV61	0.09	0.40	-	-	-	-	-
5-335	US AIR FORCE-MCGUIRE D	21MAR62	0.07	0.30	-	-	-	-	-

TABLE 5.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED NUTRIENTS--Continued.

[Concentrations in milligrams per liter.]

Well Number	Local Well Identifier	Date of Sample	Nitrate Nitrogen (As N)	Nitrate Nitrogen (As NO3)	Nitrate+ Nitrite Nitrogen (As N)	Ammonia+ Organic Nitrogen (As N)	Ammonia Nitrogen (As N)	Ammonia Nitrogen (As NH4)	Ortho-Phosphate (As P)
5-335	US AIR FORCE-MCGUIRE D	09OCT63	0.07	0.30	-	-	-	-	-
5-335	US AIR FORCE-MCGUIRE D	17MAR64	0.07	0.30	-	-	-	-	-
5-335	US AIR FORCE-MCGUIRE D	04MAY66	0.05	0.20	-	-	-	-	-
5-335	US AIR FORCE-MCGUIRE D	23MAY67	0.00	0.00	-	-	-	-	-
5-335	US AIR FORCE-MCGUIRE D	14MAY68	-	0.00	-	-	-	-	-
5-335	US AIR FORCE-MCGUIRE D	17JUN69	-	0.00	-	-	-	-	-
5-336	US AIR FORCE-MCGUIRE C	16MAR55	0.23	1.0	-	-	-	-	-
5-336	US AIR FORCE-MCGUIRE C	23MAR59	0.00	0.00	-	-	-	-	-
5-336	US AIR FORCE-MCGUIRE C	24FEB60	0.05	0.20	-	-	-	-	-
5-336	US AIR FORCE-MCGUIRE C	01MAR61	0.18	0.80	-	-	-	-	-
5-336	US AIR FORCE-MCGUIRE C	20NOV61	0.00	0.00	-	-	-	-	-
5-336	US AIR FORCE-MCGUIRE C	09OCT63	0.11	0.50	-	-	-	-	-
5-336	US AIR FORCE-MCGUIRE C	17MAR64	0.05	0.20	-	-	-	-	-
5-336	US AIR FORCE-MCGUIRE C	18MAR65	0.07	0.30	-	-	-	-	-
5-336	US AIR FORCE-MCGUIRE C	04MAY66	0.11	0.50	-	-	-	-	-
5-336	US AIR FORCE-MCGUIRE C	23MAY67	0.00	0.00	-	-	-	-	-
5-336	US AIR FORCE-MCGUIRE C	14MAY68	0.02	0.10	-	-	-	-	-
5-336	US AIR FORCE-MCGUIRE C	17JUN69	0.00	0.00	-	-	-	-	-
5-336	US AIR FORCE-MCGUIRE C	08JUN71	0.02	0.10	-	-	-	-	-
5-337	US AIR FORCE-MCGUIRE A	16MAR55	0.18	0.80	-	-	-	-	-
5-337	US AIR FORCE-MCGUIRE A	06FEB57	0.16	0.70	-	-	-	-	-
5-337	US AIR FORCE-MCGUIRE A	17JAN58	0.05	0.20	-	-	-	-	-
5-337	US AIR FORCE-MCGUIRE A	23MAR59	0.00	0.00	-	-	-	-	-
5-337	US AIR FORCE-MCGUIRE A	24FEB60	0.09	0.40	-	-	-	-	-
5-337	US AIR FORCE-MCGUIRE A	01MAR61	0.09	0.40	-	-	-	-	-
5-337	US AIR FORCE-MCGUIRE A	20NOV61	0.00	0.00	-	-	-	-	-
5-337	US AIR FORCE-MCGUIRE A	09OCT63	0.07	0.30	-	-	-	-	-
5-337	US AIR FORCE-MCGUIRE A	17MAR64	0.05	0.20	-	-	-	-	-
5-337	US AIR FORCE-MCGUIRE A	18MAR65	0.05	0.20	-	-	-	-	-
5-337	US AIR FORCE-MCGUIRE A	04MAY66	0.02	0.10	-	-	-	-	-
5-337	US AIR FORCE-MCGUIRE A	23MAY67	0.00	0.00	-	-	-	-	-
5-337	US AIR FORCE-MCGUIRE A	14MAY68	-	0.10	-	-	-	-	-
5-337	US AIR FORCE-MCGUIRE A	17JUN69	-	0.00	-	-	-	-	-
5-337	US AIR FORCE-MCGUIRE A	08JUN71	-	0.10	-	-	-	-	-
5-340	US AIR FORCE-MCGUIRE B	09OCT63	0.09	0.40	-	-	-	-	-
5-340	US AIR FORCE-MCGUIRE B	17MAR64	0.05	0.20	-	-	-	-	-
5-340	US AIR FORCE-MCGUIRE B	18MAR65	0.02	0.10	-	-	-	-	-
5-340	US AIR FORCE-MCGUIRE B	09AUG66	0.02	0.10	-	-	-	-	-
5-340	US AIR FORCE-MCGUIRE B	25AUG66	0.00	0.00	-	-	-	-	-
5-340	US AIR FORCE-MCGUIRE B	23MAY67	0.00	0.00	-	-	-	-	-
5-340	US AIR FORCE-MCGUIRE B	14MAY68	-	0.20	-	-	-	-	-
5-340	US AIR FORCE-MCGUIRE B	14MAY70	-	0.10	-	-	-	-	-
5-340	US AIR FORCE-MCGUIRE B	08JUN71	-	0.00	-	-	-	-	-
5-344	HOFFMAN-LA ROCHE CO 1974	19MAY82	-	-	0.04	0.10	<0.05	-	-
5-351	NJ WC-DEL VALLEY WC 1	03MAY51	5.40	24	-	-	-	-	0.00
5-351	NJ WC-DEL VALLEY WC 1	23SEP52	2.70	12	-	-	-	-	-
5-351	NJ WC-DEL VALLEY WC 1	30APR64	3.40	15	-	-	-	-	-
5-383	PERMUTIT CORP IONAC 2	16AUG67	-	0.20	-	-	-	-	0.10
5-383	PERMUTIT CORP IONAC 2	05OCT71	0.02	0.10	-	-	-	-	-
5-384	PERMUTIT CORP IONAC 3	16AUG67	-	0.20	-	-	-	-	0.00
5-384	PERMUTIT CORP IONAC 3	05OCT71	0.00	0.00	-	-	-	-	-
5-388	US ARMY-FT DIX 6	25MAY66	0.34	1.5	-	-	-	-	-
5-388	US ARMY-FT DIX 6	08FEB72	-	0.10	-	-	-	-	0.00
5-392	RIVERSIDE PUB SCHOOL 1	17JUN80	-	-	6.1	-	-	-	0.03
5-440	RHODIA CORP. 1 OBS	28APR72	0.02	0.10	-	-	-	-	0.06
5-441	HELIS STOCK FARM 3	22OCT80	-	-	0.06	-	-	-	0.03
5-445	TALLMAN, I W 1	30JUN67	-	0.00	-	-	-	-	0.10
5-446	INTSTATE STOR+PIPELN CO	30JUN67	-	0.40	-	-	-	-	0.00
5-446	INTSTATE STOR+PIPELN CO	19JUN80	-	-	0.04	-	-	-	0.03
5-448	NJ DOT-RT295 REST AREA 1	17JUL80	-	-	0.01	-	-	-	0.06
5-634	MT HOLLY WC 5	15AUG66	-	0.60	-	-	-	-	-
5-637	HANOVER TRLS COMMISSARY	26JUN80	-	-	0.00	-	-	-	0.00
5-647	RANCOCAS COUNTRY CLUB 1	17JUN80	-	-	0.02	-	-	-	0.00
5-651	WILLINGBORO MUA 3	11AUG66	-	0.20	-	-	-	-	-
5-653	WILLINGBORO MUA 4	13JUN61	0.05	0.20	-	-	-	-	-
5-653	WILLINGBORO MUA 4	16AUG66	-	0.00	-	-	-	-	-
5-653	WILLINGBORO MUA 4	18JUN80	-	-	0.04	-	-	-	0.00
5-658	WILLINGBORO MUA 7	11AUG66	-	0.20	-	-	-	-	-
5-658	WILLINGBORO MUA 7	18JUN80	-	-	0.03	-	-	-	0.00
5-661	WILLINGBORO MUA 1	16AUG66	-	32	-	-	-	-	-

TABLE 5.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED NUTRIENTS--Continued.

[Concentrations in milligrams per liter.]

Well Number	Local Well Identifier	Date of Sample	Nitrate Nitrogen (As N)	Nitrate Nitrogen (As NO3)	Nitrate+ Nitrite Nitrogen (As N)	Ammonia+ Organic Nitrogen (As N)	Ammonia Nitrogen (As N)	Ammonia Nitrogen (As NH4)	Ortho-Phosphate (As P)
5-661	WILLINGBORO MUA 1	18JUN80	-	-	8.5	-	-	-	0.03
5-661	WILLINGBORO MUA 1	17DEC82	-	-	13.0	<0.10	<0.01	0.01	0.03
5-667	WILLINGBORO MUA 5	16AUG66	-	9.7	-	-	-	-	-
5-667	WILLINGBORO MUA 5	18JUN80	-	-	0.03	-	-	-	0.00
5-667	WILLINGBORO MUA 5	17DEC82	-	-	5.8	<0.10	<0.01	0.01	-
5-707	EVESHAM MUA 7	01SEP82	-	-	<0.10	0.40	0.22	0.28	0.12
5-719	PEP BOYS 1	16JUN80	-	-	4.6	-	-	-	0.31
5-729	MAPLE SHADE WD 2	10AUG66	0.02	0.10	-	-	-	-	-
5-729	MAPLE SHADE WD 2	15JUL80	-	-	0.00	-	-	-	0.64
5-729	MAPLE SHADE WD 2	25OCT82	-	-	<0.10	1.3	0.10	0.13	1.3
5-731	INTERSTATE WASTE-MON 8	23OCT80	-	-	0.05	-	-	-	0.00
5-745	BURLINGTON COUNTY CLUB 1	06AUG80	-	-	0.04	-	-	-	0.00
5-746	MAPLE SHADE WD 11	15JUL80	-	-	0.01	-	-	-	0.00
5-746	MAPLE SHADE WD 11	25OCT82	-	-	<0.10	0.20	0.05	0.06	0.09
5-751	RAMBLEWOOD CC-2 TEE	14SEP82	-	-	<0.10	1.2	0.16	0.21	0.21
5-761	TENNECO CHEM 9	30JUL82	-	-	4.2	3.0	0.04	0.05	-
5-768	LISEHORA,M-GARAGE WELL	25SEP80	-	-	0.14	-	-	-	0.00
5-777	HOLIDAY LK ICE CREAM STD	29AUG80	-	-	2.8	-	-	-	0.00
5-778	BEST WESTERN MOTEL #2	05AUG80	-	-	0.00	-	-	-	0.34
5-779	PYROPTICS 1	11JUN80	-	-	0.01	-	-	-	0.00
5-780	WASTE RESOURCE OBS 6	02DEC80	-	-	2.1	-	-	-	0.00
5-781	WASTE RESOURCE OBS 5	02DEC80	-	-	5.4	-	-	-	0.03
5-788	C R ENGLAND CO	06JUN80	-	-	5.0	-	-	-	0.00
7- 8	BELLMAWR BORO WD 4	17AUG67	-	0.10	-	-	-	-	0.10
7- 8	BELLMAWR BORO WD 4	02JUL80	-	-	0.01	-	-	-	0.06
7- 12	BELLMAWR BORO WD 3	01AUG60	0.09	0.40	-	-	-	-	-
7- 12	BELLMAWR BORO WD 3	27MAR62	0.00	0.00	-	-	-	-	-
7- 12	BELLMAWR BORO WD 3	19AUG66	-	0.60	-	-	-	-	-
7- 12	BELLMAWR BORO WD 3	02JUL80	-	-	0.01	-	-	-	0.03
7- 13	BELLMAWR BORO WD 1	27MAR62	0.00	0.00	-	-	-	-	-
7- 13	BELLMAWR BORO WD 1	19AUG66	-	0.70	-	-	-	-	-
7- 13	BELLMAWR BORO WD 1	02JUL80	-	-	0.08	-	-	-	0.15
7- 18	BERLIN BORO WD 9	23AUG66	-	0.00	-	-	-	-	-
7- 19	BERLIN BORO WD 10	06OCT71	0.18	0.80	-	-	-	-	-
7- 19	BERLIN BORO WD 10	16SEP82	-	-	<0.10	2.4	0.37	0.48	0.06
7- 25	BROOKLAWN BORO WD 3-42	22MAR51	0.18	0.80	-	-	-	-	-
7- 25	BROOKLAWN BORO WD 3-42	19AUG66	-	0.20	-	-	-	-	-
7- 30	SJ PORT COMM NY SHIP 5A	03NOV80	-	-	0.01	-	-	-	0.00
7- 38	SJ PORT COMM NY SHIP 7	14JUL71	-	1.1	-	-	-	-	0.07
7- 38	SJ PORT COMM NY SHIP 7	30JUN72	2.30	10	-	-	-	-	0.04
7- 38	SJ PORT COMM NY SHIP 7	01JUN73	-	-	-	-	-	-	0.06
7- 39	CAMDEN CITY WD-CITY 7N	30JUL80	-	-	0.04	-	-	-	0.03
7- 39	CAMDEN CITY WD-CITY 7N	05NOV82	-	-	<0.10	5.1	4.80	6.2	-
7- 40	CAMDEN CITY WD-CITY 7	22DEC49	1.20	5.2	-	-	-	-	-
7- 40	CAMDEN CITY WD-CITY 7	16FEB51	0.90	4.0	-	-	-	-	-
7- 41	CAMDEN CITY WD-CITY 7-28	21NOV32	3.60	16	-	-	-	-	-
7- 46	CAMDEN CITY WD-CITY 11	28NOV49	3.80	17	-	-	-	-	-
7- 46	CAMDEN CITY WD-CITY 11	15FEB51	1.10	5.0	-	-	-	-	-
7- 46	CAMDEN CITY WD-CITY 11	30JUL80	-	-	-	-	-	-	0.06
7- 46	CAMDEN CITY WD-CITY 11	29OCT82	-	-	2.7	3.4	3.40	4.4	-
7- 48	CAMDEN CITY WD-CITY 6N	28NOV49	12.0	52	-	-	-	-	-
7- 48	CAMDEN CITY WD-CITY 6N	24APR62	1.90	8.6	-	-	-	-	-
7- 48	CAMDEN CITY WD-CITY 6N	16APR64	1.50	6.8	-	-	-	-	-
7- 48	CAMDEN CITY WD-CITY 6N	09JUL65	1.90	8.6	-	-	-	-	-
7- 48	CAMDEN CITY WD-CITY 6N	24AUG66	-	5.5	-	-	-	-	-
7- 48	CAMDEN CITY WD-CITY 6N	05NOV82	-	-	<0.10	11	7.00	9.0	0.09
7- 57	OUR LADY LORDS HOSP-STBY	21SEP82	-	-	<0.10	0.20	0.11	0.14	0.09
7- 58	WEST JERSEY HOSPITAL 1	21SEP82	4.90	22	5.5	1.6	1.30	1.7	-
7- 61	CAMDEN CITY WD-CITY 4	16FEB51	2.50	11	-	-	-	-	-
7- 61	CAMDEN CITY WD-CITY 4	24AUG66	-	16	-	-	-	-	-
7- 61	CAMDEN CITY WD-CITY 4	30JUL80	-	-	0.72	-	-	-	0.09
7- 61	CAMDEN CITY WD-CITY 4	06JUL82	-	-	5.2	0.90	0.90	1.2	0.03
7- 62	CAMDEN CITY WD-CITY 4-35	28NOV49	2.90	13	-	-	-	-	-
7- 64	CAMDEN CITY WD-CITY 17	03AUG60	0.05	0.20	-	-	-	-	-
7- 64	CAMDEN CITY WD-CITY 17	31AUG61	0.05	0.20	-	-	-	-	-
7- 64	CAMDEN CITY WD-CITY 17	24APR62	0.09	0.40	-	-	-	-	-
7- 64	CAMDEN CITY WD-CITY 17	02OCT62	0.02	0.10	-	-	-	-	-
7- 64	CAMDEN CITY WD-CITY 17	12APR63	0.20	0.90	-	-	-	-	-
7- 64	CAMDEN CITY WD-CITY 17	13AUG63	0.18	0.80	-	-	-	-	-
7- 64	CAMDEN CITY WD-CITY 17	16APR64	0.14	0.60	-	-	-	-	-

TABLE 5.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED NUTRIENTS--Continued.

[Concentrations in milligrams per liter.]

Well Number	Local Well Identifier	Date of Sample	Nitrate Nitrogen (As N)	Nitrate Nitrogen (As NO3)	Nitrate+ Nitrite Nitrogen (As N)	Ammonia+ Organic Nitrogen (As N)	Ammonia Nitrogen (As N)	Ammonia Nitrogen (As NH4)	Ortho-Phosphate (As P)
7- 64	CAMDEN CITY WD-CITY 17	24AUG66	-	0.90	-	-	-	-	-
7- 64	CAMDEN CITY WD-CITY 17	22DEC70	-	1.9	-	-	-	-	0.01
7- 64	CAMDEN CITY WD-CITY 17	30JUL80	-	-	1.7	-	-	-	0.21
7- 64	CAMDEN CITY WD-CITY 17	29OCT82	-	-	2.3	0.15	0.15	0.19	0.03
7- 66	CAMDEN CITY WD-CITY 2A	22DEC49	4.50	20	-	-	-	-	-
7- 68	CAMDEN CITY WD-CITY 13	11JAN51	0.02	0.10	-	-	-	-	-
7- 68	CAMDEN CITY WD-CITY 13	31AUG61	0.90	4.0	-	-	-	-	-
7- 68	CAMDEN CITY WD-CITY 13	24APR62	0.95	4.2	-	-	-	-	-
7- 68	CAMDEN CITY WD-CITY 13	12APR63	1.00	4.6	-	-	-	-	-
7- 68	CAMDEN CITY WD-CITY 13	13AUG63	1.00	4.5	-	-	-	-	-
7- 68	CAMDEN CITY WD-CITY 13	24AUG66	-	5.3	-	-	-	-	-
7- 68	CAMDEN CITY WD-CITY 13	30JUL80	-	-	0.86	-	-	-	0.03
7- 68	CAMDEN CITY WD-CITY 13	06JUL82	-	-	0.92	2.6	2.60	3.3	0.03
7- 70	CAMDEN CITY WD-CITY 3A	15NOV82	6.20	27	6.2	0.30	0.03	0.04	0.15
7- 71	CAMDEN CITY WD-CITY 3-34	28NOV49	6.30	28	-	-	-	-	-
7- 78	CAMDEN CITY WD-CITY 5N	01MAY64	0.97	4.3	-	-	-	-	-
7- 78	CAMDEN CITY WD-CITY 5N	09JUL65	2.50	11	-	-	-	-	-
7- 78	CAMDEN CITY WD-CITY 5N	24AUG66	-	-	-	-	-	-	0.10
7- 78	CAMDEN CITY WD-CITY 5N	31JUL80	-	-	0.95	-	-	-	0.00
7- 78	CAMDEN CITY WD-CITY 5N	06JUL82	-	-	0.81	2.2	2.20	2.8	0.03
7- 83	CAMDEN CITY WD-CITY 1A	24AUG66	-	0.20	-	-	-	-	-
7- 84	CAMDEN CITY WD-CITY 1-22	21NOV32	2.90	13	-	-	-	-	-
7- 87	CAMDEN CITY WD-CITY 1-40	28NOV49	0.23	1.0	-	-	-	-	-
7- 90	CAMDEN CITY WD-CITY 10	28NOV49	3.60	16	-	-	-	-	-
7- 90	CAMDEN CITY WD-CITY 10	16FEB51	2.50	11	-	-	-	-	-
7- 90	CAMDEN CITY WD-CITY 10	03JUL53	3.60	16	-	-	-	-	-
7- 90	CAMDEN CITY WD-CITY 10	16APR64	-	6.1	-	-	-	-	-
7- 91	CAMDEN CITY WD-CITY 9	31AUG61	5.60	25	-	-	-	-	-
7- 91	CAMDEN CITY WD-CITY 9	24APR62	5.90	26	-	-	-	-	-
7- 91	CAMDEN CITY WD-CITY 9	02OCT62	0.86	3.8	-	-	-	-	-
7- 91	CAMDEN CITY WD-CITY 9	12APR63	8.40	37	-	-	-	-	-
7- 91	CAMDEN CITY WD-CITY 9	13AUG63	0.93	4.1	-	-	-	-	-
7- 91	CAMDEN CITY WD-CITY 9	09JUL65	1.10	4.7	-	-	-	-	-
7- 91	CAMDEN CITY WD-CITY 9	24AUG66	-	1.7	-	-	-	-	-
7- 93	CAMDEN CITY WD-CITY 9-24	11NOV49	3.60	16	-	-	-	-	-
7- 93	CAMDEN CITY WD-CITY 9-24	03JUL53	3.20	14	-	-	-	-	-
7- 94	CAMDEN CITY WD-CITY 16	31JUL80	-	-	0.23	-	-	-	0.00
7- 98	NEW JERSEY WC-CAMDEN 52	21AUG80	-	-	5.4	-	-	-	0.00
7- 98	NEW JERSEY WC-CAMDEN 52	19JUL82	4.80	21	4.8	13	5.70	7.3	-
7-102	CAMDEN CITY WD-CITY 15	16APR64	0.07	0.30	-	-	-	-	-
7-107	NEW JERSEY WC-CAMDEN 51	31AUG66	-	8.7	-	-	-	-	-
7-110	NEW JERSEY WC-CAMDEN 49	31AUG66	-	0.20	-	-	-	-	-
7-110	NEW JERSEY WC-CAMDEN 49	21AUG80	-	-	0.03	-	-	-	-
7-120	HUSSMAN REFRIDG CO	24AUG66	-	1.1	-	-	-	-	-
7-122	NEW JERSEY WC-BROWN 44	21AUG80	-	-	0.04	-	-	-	0.00
7-122	NEW JERSEY WC-BROWN 44	25AUG82	-	-	<0.10	<0.10	0.09	0.12	0.06
7-124	NEW JERSEY WC-BROWNG 45	25AUG82	-	-	<0.10	0.12	0.12	0.15	0.09
7-133	NEW JERSEY WC-OLD ORCH36	21AUG80	-	-	0.00	-	-	-	-
7-134	NEW JERSEY WC-OLD ORCH37	21AUG80	-	-	0.00	-	-	-	0.00
7-142	NEW JERSEY WC-ELLISBG 23	20FEB64	0.09	0.40	-	-	-	-	-
7-142	NEW JERSEY WC-ELLISBG 23	17AUG66	-	0.30	-	-	-	-	-
7-143	NEW JERSEY WC-ELLISBG 16	03AUG60	0.02	0.10	-	-	-	-	-
7-143	NEW JERSEY WC-ELLISBG 16	20FEB64	0.05	0.20	-	-	-	-	-
7-143	NEW JERSEY WC-ELLISBG 16	23AUG66	-	0.00	-	-	-	-	-
7-147	NEW JERSEY WC-KINGSTN 25	17AUG66	-	0.20	-	-	-	-	-
7-147	NEW JERSEY WC-KINGSTN 25	21AUG80	-	-	0.01	-	-	-	0.00
7-148	NEW JERSEY WC-KINGSTN 28	21AUG80	-	-	0.01	-	-	-	0.00
7-149	NJ DEPT DEF-NAT GUARD 1	20AUG80	-	-	0.00	-	-	-	0.43
7-157	NEW JERSEY WC-COLMBIA 31	26AUG82	-	-	<0.10	0.20	0.07	0.09	-
7-160	RCA-CHERRY HILL 1	18AUG67	-	0.10	-	-	-	-	0.10
7-160	RCA-CHERRY HILL 1	09JUL80	-	-	0.04	-	-	-	1.4
7-171	COLLINGSWOOD BORO WD 7	23AUG66	-	0.30	-	-	-	-	-
7-171	COLLINGSWOOD BORO WD 7	07JUL80	-	-	0.01	-	-	-	0.00
7-175	COLLINGSWOOD BORO WD 1R	01AUG60	0.07	0.30	-	-	-	-	-
7-176	COLLINGSWOOD BORO WD 2	07JUL80	-	-	0.05	-	-	-	0.06
7-178	COLLINGSWOOD BORO WD 3	23AUG66	-	0.20	-	-	-	-	-
7-188	NEW JERSEY WC-GIBBSBO 42	26AUG82	-	-	<0.10	0.20	0.13	0.17	0.06
7-189	NEW JERSEY WC-GIBBSBO 41	26AUG82	-	-	<0.10	0.30	0.15	0.19	0.12
7-193	CRESCENT TRAILER PK 1	07JUL80	-	-	0.06	-	-	-	0.03
7-194	NJ ZINC CO 4-DEEP	03JUL80	-	-	0.04	-	-	-	0.00

TABLE 5.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED NUTRIENTS--Continued.

[Concentrations in milligrams per liter.]

Well Number	Local Well Identifier	Date of Sample	Nitrate Nitrogen (As N)	Nitrate Nitrogen (As NO3)	Nitrate+ Nitrite Nitrogen (As N)	Ammonia+ Organic Nitrogen (As N)	Ammonia Nitrogen (As N)	Ammonia Nitrogen (As NH4)	Ortho-Phosphate (As P)
7-194	NJ ZINC CO 4-DEEP	16SEP82	-	-	<0.10	1.5	1.30	1.7	-
7-195	NJ ZINC CO 5-DEEP	03JUL80	-	-	0.03	-	-	-	0.00
7-197	NJ ZINC CO 3-DEEP	14MAY71	-	4.5	-	-	-	-	0.02
7-197	NJ ZINC CO 3-DEEP	30JUN72	0.90	4.0	-	-	-	-	0.00
7-197	NJ ZINC CO 3-DEEP	01JUN73	-	-	-	-	-	-	0.00
7-197	NJ ZINC CO 3-DEEP	16SEP82	-	-	<0.10	2.0	2.00	2.6	-
7-207	HINDE AND DAUCH-JERSEY 1	31AUG66	-	0.20	-	-	-	-	-
7-210	GLOUCESTER CITY WD 42	07JUL80	-	-	0.09	-	-	-	0.12
7-211	GLOUCESTER CITY WD 2	16APR64	0.00	0.00	-	-	-	-	-
7-211	GLOUCESTER CITY WD 2	09JUL65	0.05	0.20	-	-	-	-	-
7-213	GLOUCESTER CITY WD 38	22MAR51	0.11	0.50	-	-	-	-	-
7-213	GLOUCESTER CITY WD 38	31AUG61	0.05	0.20	-	-	-	-	-
7-213	GLOUCESTER CITY WD 38	24APR62	0.11	0.50	-	-	-	-	-
7-213	GLOUCESTER CITY WD 38	31AUG66	-	0.20	-	-	-	-	-
7-215	GLOUCESTER CITY WD 37	22MAR51	0.52	2.3	-	-	-	-	-
7-215	GLOUCESTER CITY WD 37	31AUG61	0.05	0.20	-	-	-	-	-
7-215	GLOUCESTER CITY WD 37	24APR62	0.00	0.00	-	-	-	-	-
7-215	GLOUCESTER CITY WD 37	02OCT62	0.00	0.00	-	-	-	-	-
7-215	GLOUCESTER CITY WD 37	16APR64	0.05	0.20	-	-	-	-	-
7-215	GLOUCESTER CITY WD 37	09JUL65	0.07	0.30	-	-	-	-	-
7-215	GLOUCESTER CITY WD 37	31AUG66	-	0.80	-	-	-	-	-
7-220	GLOUCESTER CITY WD 40	31AUG61	0.09	0.40	-	-	-	-	-
7-220	GLOUCESTER CITY WD 40	02OCT62	0.00	0.00	-	-	-	-	-
7-220	GLOUCESTER CITY WD 40	12APR63	0.07	0.30	-	-	-	-	-
7-220	GLOUCESTER CITY WD 40	16APR64	0.00	0.00	-	-	-	-	-
7-220	GLOUCESTER CITY WD 40	09JUL65	0.27	1.2	-	-	-	-	-
7-220	GLOUCESTER CITY WD 40	31AUG66	-	0.00	-	-	-	-	-
7-221	USGS-GLOUC CTY CG BASE 1	23JUL80	-	-	0.03	-	-	-	0.06
7-249	GARDEN ST WC-BLACKWOOD 3	25AUG80	-	-	0.01	-	-	-	0.21
7-252	GARDEN ST WC-BLACKWOOD 6	25AUG80	-	-	0.01	-	-	-	0.18
7-253	GARDEN ST WC-BLACKWOOD 1	01AUG60	0.27	1.2	-	-	-	-	-
7-253	GARDEN ST WC-BLACKWOOD 1	25AUG66	0.00	0.00	-	-	-	-	0.20
7-273	NEW JERSEY WC-OTTERBK 29	22AUG80	-	-	0.00	-	-	-	0.21
7-274	NEW JERSEY WC-OTTERBK 39	22AUG80	-	-	0.00	-	-	-	-
7-275	NEW JERSEY WC-HADDON 20	03AUG60	0.16	0.70	-	-	-	-	-
7-278	NEW JERSEY WC-HADDON 15	17AUG66	-	0.20	-	-	-	-	-
7-278	NEW JERSEY WC-HADDON 15	22AUG80	-	-	0.02	-	-	-	0.03
7-278	NEW JERSEY WC-HADDON 15	25AUG82	-	-	0.12	<0.10	<0.01	0.01	0.03
7-279	NEW JERSEY WC-HADDON 30	17AUG66	-	0.70	-	-	-	-	-
7-279	NEW JERSEY WC-HADDON 30	22AUG80	-	-	0.01	-	-	-	0.00
7-279	NEW JERSEY WC-HADDON 30	25AUG82	-	-	<0.10	0.13	0.13	0.17	0.09
7-285	NEW JERSEY WC-EGBERT 18	03AUG60	0.18	0.80	-	-	-	-	-
7-285	NEW JERSEY WC-EGBERT 18	21AUG67	-	0.20	-	-	-	-	0.00
7-289	HADDON TWP WD 2	23AUG66	-	0.00	-	-	-	-	-
7-290	HADDON TWP WD 1	01AUG60	0.05	0.20	-	-	-	-	-
7-290	HADDON TWP WD 1	23AUG66	-	0.00	-	-	-	-	-
7-290	HADDON TWP WD 1	03JUL80	-	-	0.01	-	-	-	0.00
7-293	HADDON TWP HIGH SCH 1	03JUL80	-	-	0.01	-	-	-	0.43
7-293	HADDON TWP HIGH SCH 1	15OCT82	-	-	<0.10	0.50	0.10	0.13	0.28
7-299	HADDONFLD BORO WD-LAYN 2	22AUG66	-	0.00	-	-	-	-	-
7-299	HADOONFLD BORO WD-LAYN 2	09JUL80	-	-	0.01	-	-	-	0.03
7-302	HADDONFLD BORO WD-RULON	28JUL60	0.18	0.80	-	-	-	-	-
7-302	HADDONFLD BORO WD-RULON	22AUG66	-	0.00	-	-	-	-	-
7-302	HADDONFLD BORO WD-RULON	09JUL80	-	-	0.02	-	-	-	0.00
7-304	HADDONFLD BORO WD-LAKE ST	09JUL80	-	-	0.02	-	-	-	0.00
7-315	NEW JERSEY WC-MAGNOLIA16	22AUG80	-	-	0.01	-	-	-	0.09
7-315	NEW JERSEY WC-MAGNOLIA16	25AUG82	-	-	<0.10	0.20	0.19	0.24	0.09
7-316	NEW JERSEY WC-MAGNOLIA33	22AUG80	-	-	0.00	-	-	-	0.12
7-316	NEW JERSEY WC-MAGNOLIA33	25AUG82	-	-	<0.10	0.20	0.17	0.22	0.15
7-320	MERCH-PENN WCOM-WDBINE 1	19AUG66	-	22	-	-	-	-	-
7-320	MERCH-PENN WCOM-WDBINE 1	27OCT82	-	-	3.9	0.10	<0.01	0.01	0.09
7-322	NEW JERSEY WC-OAKLYN OBS	22AUG80	-	-	0.01	-	-	-	1.6
7-323	STEVENS AND STEVENS 1	01JUL80	-	-	4.8	-	-	-	0.00
7-323	STEVENS AND STEVENS 1	21DEC82	-	-	4.3	0.50	0.36	0.46	-
7-326	MERCH-PENN WCOM-BROWN 1	19AUG66	-	0.70	-	-	-	-	-
7-329	MERCH-PENN WCOM-BROWN 2A	19AUG66	-	2.8	-	-	-	-	-
7-329	MERCH-PENN WCOM-BROWN 2A	10JUL80	-	-	3.2	-	-	-	0.06
7-329	MERCH-PENN WCOM-BROWN 2A	27OCT82	-	-	3.9	<0.10	<0.01	0.01	0.09
7-332	MERCH-PENN WCOM-MARION 2	19AUG66	-	6.5	-	-	-	-	-
7-335	MERCH-PENN WCOM-MARION 1	31AUG66	-	10	-	-	-	-	-

TABLE 5.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED NUTRIENTS--Continued.

[Concentrations in milligrams per liter.]

Well Number	Local Well Identifier	Date of Sample	Nitrate Nitrogen (As N)	Nitrate Nitrogen (As NO3)	Nitrate+ Nitrite Nitrogen (As N)	Ammonia+ Organic Nitrogen (As N)	Ammonia Nitrogen (As N)	Ammonia Nitrogen (As NH4)	Ortho- Phosphate (As P)
7-335	MERCH-PENN WCOM-MARION 1	10JUL80	-	-	2.9	-	-	-	0.03
7-335	MERCH-PENN WCOM-MARION 1	21DEC82	-	-	3.1	<0.10	<0.01	0.01	0.15
7-339	PREDCO PREC PANELS	05SEP80	-	-	0.01	-	-	-	0.00
7-340	MERCH-PENN WCOM-DEL GN 1	28NOV49	4.30	19	-	-	-	-	-
7-340	MERCH-PENN WCOM-DEL GN 1	07AUG57	2.20	9.8	-	-	-	-	-
7-340	MERCH-PENN WCOM-DEL GN 1	31AUG66	-	0.60	-	-	-	-	-
7-341	MERCH-PENN WCOM-DEL GN 2	10JUL80	-	-	0.05	-	-	-	0.00
7-350	MERCH-PENN WCOM-PARK 2	20SEP66	-	7.2	-	-	-	-	-
7-350	MERCH-PENN WCOM-PARK 2	10JUL80	-	-	3.0	-	-	-	0.09
7-350	MERCH-PENN WCOM-PARK 2	27OCT82	-	-	3.0	<0.10	<0.01	0.01	0.06
7-354	PETTY ISLAND OBS	19NOV80	-	-	0.04	-	-	-	0.00
7-359	CAMDEN CITY WD-PUCHACK 5	21NOV32	2.90	13	-	-	-	-	-
7-359	CAMDEN CITY WD-PUCHACK 5	28NOV49	3.80	17	-	-	-	-	-
7-359	CAMDEN CITY WD-PUCHACK 5	07AUG57	2.50	11	-	-	-	-	-
7-359	CAMDEN CITY WD-PUCHACK 5	14AUG63	1.40	6.2	-	-	-	-	-
7-359	CAMDEN CITY WD-PUCHACK 5	08MAY64	1.60	7.1	-	-	-	-	-
7-359	CAMDEN CITY WD-PUCHACK 5	11JUN69	-	8.0	-	-	-	-	0.10
7-361	CAMDEN CITY WD-PUCHACK 4	26JUN33	3.60	16	-	-	-	-	-
7-361	CAMDEN CITY WD-PUCHACK 4	14AUG33	3.40	15	-	-	-	-	-
7-361	CAMDEN CITY WD-PUCHACK 4	07NOV49	2.90	13	-	-	-	-	-
7-361	CAMDEN CITY WD-PUCHACK 4	03JUL53	2.70	12	-	-	-	-	-
7-361	CAMDEN CITY WD-PUCHACK 4	07AUG57	3.20	14	-	-	-	-	-
7-361	CAMDEN CITY WD-PUCHACK 4	14AUG63	2.70	12	-	-	-	-	-
7-361	CAMDEN CITY WD-PUCHACK 4	08MAY64	3.20	14	-	-	-	-	-
7-361	CAMDEN CITY WD-PUCHACK 4	30AUG66	-	11	-	-	-	-	-
7-361	CAMDEN CITY WD-PUCHACK 4	11JUN69	-	9.6	-	-	-	-	0.00
7-363	CAMDEN CITY WD-PUCHACK 2	21NOV32	3.60	16	-	-	-	-	-
7-363	CAMDEN CITY WD-PUCHACK 2	07NOV49	5.00	22	-	-	-	-	-
7-363	CAMDEN CITY WD-PUCHACK 2	07AUG57	3.20	14	-	-	-	-	-
7-363	CAMDEN CITY WD-PUCHACK 2	08MAY64	2.70	12	-	-	-	-	-
7-363	CAMDEN CITY WD-PUCHACK 2	15SEP82	-	-	1.0	1.5	0.85	1.1	-
7-366	CAMDEN CITY WD-PUCHACK 1	21NOV32	3.60	16	-	-	-	-	-
7-366	CAMDEN CITY WD-PUCHACK 1	01MAY33	2.70	12	-	-	-	-	-
7-366	CAMDEN CITY WD-PUCHACK 1	26JUN33	4.10	18	-	-	-	-	-
7-366	CAMDEN CITY WD-PUCHACK 1	14AUG33	5.00	22	-	-	-	-	-
7-366	CAMDEN CITY WD-PUCHACK 1	21NOV33	3.80	17	-	-	-	-	-
7-366	CAMDEN CITY WD-PUCHACK 1	06FEB34	3.40	15	-	-	-	-	-
7-366	CAMDEN CITY WD-PUCHACK 1	07NOV49	1.60	6.9	-	-	-	-	-
7-366	CAMDEN CITY WD-PUCHACK 1	03JUL53	1.70	7.5	-	-	-	-	-
7-366	CAMDEN CITY WD-PUCHACK 1	07AUG57	1.30	5.7	-	-	-	-	-
7-366	CAMDEN CITY WD-PUCHACK 1	02OCT62	0.00	0.00	-	-	-	-	-
7-366	CAMDEN CITY WD-PUCHACK 1	12APR63	0.97	4.3	-	-	-	-	-
7-366	CAMDEN CITY WD-PUCHACK 1	08MAY64	1.10	5.0	-	-	-	-	-
7-366	CAMDEN CITY WD-PUCHACK 1	09JUL65	1.20	5.1	-	-	-	-	-
7-366	CAMDEN CITY WD-PUCHACK 1	30AUG66	-	0.50	-	-	-	-	-
7-366	CAMDEN CITY WD-PUCHACK 1	11JUN69	-	5.6	-	-	-	-	0.00
7-366	CAMDEN CITY WD-PUCHACK 1	13JUL82	-	-	0.41	1.3	1.30	1.7	-
7-367	CAMDEN CITY WD-PUCHACK 3	21NOV32	2.50	11	-	-	-	-	-
7-367	CAMDEN CITY WD-PUCHACK 3	07NOV49	2.70	12	-	-	-	-	-
7-367	CAMDEN CITY WD-PUCHACK 3	07AUG57	3.40	15	-	-	-	-	-
7-367	CAMDEN CITY WD-PUCHACK 3	14AUG63	2.30	10	-	-	-	-	-
7-367	CAMDEN CITY WD-PUCHACK 3	08MAY64	2.90	13	-	-	-	-	-
7-367	CAMDEN CITY WD-PUCHACK 3	21JUL80	-	-	1.5	-	-	-	0.06
7-368	CAMDEN CITY WD-DELAIR 1	21NOV32	2.70	12	-	-	-	-	-
7-368	CAMDEN CITY WD-DELAIR 1	03JUL53	0.23	1.0	-	-	-	-	-
7-368	CAMDEN CITY WD-DELAIR 1	07AUG57	1.00	4.5	-	-	-	-	-
7-368	CAMDEN CITY WD-DELAIR 1	31AUG61	0.09	0.40	-	-	-	-	-
7-368	CAMDEN CITY WD-DELAIR 1	01OCT62	0.00	0.00	-	-	-	-	-
7-368	CAMDEN CITY WD-DELAIR 1	12APR63	0.25	1.1	-	-	-	-	-
7-368	CAMDEN CITY WD-DELAIR 1	22JUL80	-	-	0.05	-	-	-	0.03
7-368	CAMDEN CITY WD-DELAIR 1	15SEP82	-	-	<0.10	1.7	1.70	2.2	-
7-369	CAMDEN CITY WD-DELAIR 2	21NOV32	0.29	1.3	-	-	-	-	-
7-369	CAMDEN CITY WD-DELAIR 2	07AUG57	1.50	6.7	-	-	-	-	-
7-369	CAMDEN CITY WD-DELAIR 2	30AUG66	-	0.00	-	-	-	-	-
7-369	CAMDEN CITY WD-DELAIR 2	15SEP82	-	-	<0.10	2.5	2.50	3.2	-
7-370	CAMDEN CITY WD-DELAIR 3	03JUL53	0.11	0.50	-	-	-	-	-
7-370	CAMDEN CITY WD-DELAIR 3	07AUG57	2.00	9.0	-	-	-	-	-
7-370	CAMDEN CITY WD-DELAIR 3	30AUG66	-	8.8	-	-	-	-	-
7-370	CAMDEN CITY WD-DELAIR 3	15SEP82	-	-	<0.10	0.67	0.67	0.86	-
7-372	MERCH-PENN WCOM-NAT HY 1	10JUL80	-	-	2.8	-	-	-	0.00

TABLE 5.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED NUTRIENTS--Continued.

[Concentrations in milligrams per liter.]

Well Number	Local Well Identifier	Date of Sample	Nitrate Nitrogen (As N)	Nitrate Nitrogen (As NO3)	Nitrate+ Nitrite Nitrogen (As N)	Ammonia+ Organic Nitrogen (As N)	Ammonia Nitrogen (As N)	Ammonia Nitrogen (As NH4)	Ortho- Phosphate (As P)
7-372	MERCH-PENN WCOM-NAT HY 1	21DEC82	-	-	2.7	<0.10	<0.01	0.01	-
7-373	CAMDEN CITY WD-MORRIS 6	21NOV32	0.66	2.9	-	-	-	-	-
7-373	CAMDEN CITY WD-MORRIS 6	07NOV49	1.50	6.6	-	-	-	-	-
7-373	CAMDEN CITY WD-MORRIS 6	07AUG57	1.50	6.6	-	-	-	-	-
7-373	CAMDEN CITY WD-MORRIS 6	31AUG61	0.11	0.50	-	-	-	-	-
7-373	CAMDEN CITY WD-MORRIS 6	24APR62	0.72	3.2	-	-	-	-	-
7-373	CAMDEN CITY WD-MORRIS 6	010CT62	0.29	1.3	-	-	-	-	-
7-373	CAMDEN CITY WD-MORRIS 6	12APR63	1.10	4.8	-	-	-	-	-
7-373	CAMDEN CITY WD-MORRIS 6	09JUL65	0.18	0.80	-	-	-	-	-
7-373	CAMDEN CITY WD-MORRIS 6	22JUL80	-	-	0.05	-	-	-	0.00
7-374	CAMDEN CITY WD-MORRIS 9	28NOV49	0.86	3.8	-	-	-	-	-
7-374	CAMDEN CITY WD-MORRIS 9	03JUL53	0.11	0.50	-	-	-	-	-
7-375	CAMDEN CITY WD-MORRIS 8	28NOV49	0.86	3.8	-	-	-	-	-
7-375	CAMDEN CITY WD-MORRIS 8	03JUL53	0.11	0.50	-	-	-	-	-
7-375	CAMDEN CITY WD-MORRIS 8	07AUG57	0.09	0.40	-	-	-	-	-
7-375	CAMDEN CITY WD-MORRIS 8	13AUG63	0.18	0.80	-	-	-	-	-
7-375	CAMDEN CITY WD-MORRIS 8	30AUG66	-	1.8	-	-	-	-	-
7-377	CAMDEN CITY WD-MORRIS 7	21NOV32	0.45	2.0	-	-	-	-	-
7-377	CAMDEN CITY WD-MORRIS 7	26JUN33	0.14	0.64	-	-	-	-	-
7-377	CAMDEN CITY WD-MORRIS 7	14AUG33	0.16	0.72	-	-	-	-	-
7-377	CAMDEN CITY WD-MORRIS 7	06FEB34	0.11	0.48	-	-	-	-	-
7-377	CAMDEN CITY WD-MORRIS 7	03JUL53	0.07	0.30	-	-	-	-	-
7-379	CAMDEN CITY WD-MORRIS 10	29AUG61	0.05	0.20	-	-	-	-	-
7-379	CAMDEN CITY WD-MORRIS 10	24APR62	0.72	3.2	-	-	-	-	-
7-379	CAMDEN CITY WD-MORRIS 10	010CT62	0.47	2.1	-	-	-	-	-
7-379	CAMDEN CITY WD-MORRIS 10	12APR63	0.86	3.8	-	-	-	-	-
7-379	CAMDEN CITY WD-MORRIS 10	09JUL65	0.29	1.3	-	-	-	-	-
7-379	CAMDEN CITY WD-MORRIS 10	21DEC70	-	0.80	-	-	-	-	0.01
7-379	CAMDEN CITY WD-MORRIS 10	21JUL80	-	-	0.07	-	-	-	0.00
7-382	CAMDEN CITY WD-MORRIS 4A	29AUG61	0.16	0.70	-	-	-	-	-
7-382	CAMDEN CITY WD-MORRIS 4A	24APR62	0.11	0.50	-	-	-	-	-
7-382	CAMDEN CITY WD-MORRIS 4A	010CT62	0.00	0.00	-	-	-	-	-
7-382	CAMDEN CITY WD-MORRIS 4A	12APR63	0.25	1.1	-	-	-	-	-
7-382	CAMDEN CITY WD-MORRIS 4A	13AUG63	0.29	1.3	-	-	-	-	-
7-382	CAMDEN CITY WD-MORRIS 4A	09JUL65	0.11	0.50	-	-	-	-	-
7-383	CAMDEN CITY WD-MORRIS 4	21NOV32	0.25	1.1	-	-	-	-	-
7-386	CAMDEN CITY WD-MORRIS 3A	21NOV32	2.90	13	-	-	-	-	-
7-386	CAMDEN CITY WD-MORRIS 3A	07NOV49	1.00	4.6	-	-	-	-	-
7-386	CAMDEN CITY WD-MORRIS 3A	17APR56	0.79	3.5	-	-	-	-	-
7-386	CAMDEN CITY WD-MORRIS 3A	07AUG57	1.20	5.5	-	-	-	-	-
7-386	CAMDEN CITY WD-MORRIS 3A	31AUG61	1.30	5.8	-	-	-	-	-
7-386	CAMDEN CITY WD-MORRIS 3A	30AUG66	-	0.50	-	-	-	-	-
7-386	CAMDEN CITY WD-MORRIS 3A	22JUL80	-	-	0.01	15	7.50	9.7	0.00
7-386	CAMDEN CITY WD-MORRIS 3A	12JUL82	-	-	<0.10	16	10.0	13	-
7-387	CAMDEN CITY WD-MORRIS 2	07NOV49	2.10	9.4	-	-	-	-	-
7-387	CAMDEN CITY WD-MORRIS 2	07AUG57	2.50	11	-	-	-	-	-
7-387	CAMDEN CITY WD-MORRIS 2	29AUG61	2.20	9.7	-	-	-	-	-
7-387	CAMDEN CITY WD-MORRIS 2	24APR62	0.72	3.2	-	-	-	-	-
7-387	CAMDEN CITY WD-MORRIS 2	010CT62	0.66	2.9	-	-	-	-	-
7-387	CAMDEN CITY WD-MORRIS 2	12APR63	0.52	2.3	-	-	-	-	-
7-387	CAMDEN CITY WD-MORRIS 2	13AUG63	0.38	1.7	-	-	-	-	-
7-387	CAMDEN CITY WD-MORRIS 2	01MAY64	0.50	2.2	-	-	-	-	-
7-388	CAMDEN CITY WD-MORRIS 5	21NOV32	0.95	4.2	-	-	-	-	-
7-388	CAMDEN CITY WD-MORRIS 5	07NOV49	0.41	1.8	-	-	-	-	-
7-388	CAMDEN CITY WD-MORRIS 5	07AUG57	0.45	2.0	-	-	-	-	-
7-389	CAMDEN CITY WD-MORIS 5NA	010CT62	0.34	1.5	-	-	-	-	-
7-390	CAMDEN CITY WD-MORRIS 1	07NOV49	3.40	15	-	-	-	-	-
7-390	CAMDEN CITY WD-MORRIS 1	07AUG57	3.80	17	-	-	-	-	-
7-390	CAMDEN CITY WD-MORRIS 1	09JUL65	3.20	14	-	-	-	-	-
7-390	CAMDEN CITY WD-MORRIS 1	30AUG66	-	0.20	-	-	-	-	-
7-392	PINE HILL MUA 1	17AUG67	-	0.00	-	-	-	-	0.10
7-398	PINE HILL MUA 2-1972	16SEP82	-	-	<0.10	0.50	0.44	0.57	0.74
7-404	NEW JERSEY WC-RUNMEDE 19	03AUG60	0.16	0.70	-	-	-	-	-
7-404	NEW JERSEY WC-RUNMEDE 19	21SEP66	-	0.60	-	-	-	-	-
7-410	NEW JERSEY WC-SOMRDAL 14	02AUG60	0.18	0.80	-	-	-	-	-
7-410	NEW JERSEY WC-SOMRDAL 14	20FEB64	0.14	0.60	-	-	-	-	-
7-410	NEW JERSEY WC-SOMRDAL 14	17AUG66	-	0.20	-	-	-	-	-
7-410	NEW JERSEY WC-SOMRDAL 14	26AUG82	-	-	<0.10	0.30	0.23	0.30	0.15
7-422	NEW JERSEY WC-ASHLAND 17	03AUG60	0.02	0.10	-	-	-	-	-
7-422	NEW JERSEY WC-ASHLAND 17	17AUG66	-	0.00	-	-	-	-	-

TABLE 5.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED NUTRIENTS--Continued.

[Concentrations in milligrams per liter.]

Well Number	Local Well Identifier	Date of Sample	Nitrate Nitrogen (As N)	Nitrate Nitrogen (As NO3)	Nitrate+ Nitrite Nitrogen (As N)	Ammonia+ Organic Nitrogen (As N)	Ammonia Nitrogen (As N)	Ammonia Nitrogen (As NH4)	Ortho-Phosphate (As P)
7-426	NEW JERSEY WC-VOORHES 21	26AUG82	-	-	<0.10	0.40	0.26	0.33	0.12
7-476	USGS-NEW BROOKLN PK 1 OB	06APR67	0.07	0.30	-	-	-	-	0.00
7-476	USGS-NEW BROOKLN PK 1 OB	27APR72	0.21	0.90	-	-	-	-	0.19
7-476	USGS-NEW BROOKLN PK 1 OB	17NOV82	-	-	<0.10	0.60	0.46	0.59	0.21
7-477	USGS-NEW BROOKLN PK 2 OB	28APR61	0.41	1.8	-	-	-	-	-
7-477	USGS-NEW BROOKLN PK 2 OB	01MAY61	0.54	2.4	-	-	-	-	-
7-477	USGS-NEW BROOKLN PK 2 OB	26APR72	0.09	0.40	-	-	-	-	0.32
7-477	USGS-NEW BROOKLN PK 2 OB	07DEC82	-	-	<0.10	0.23	0.23	0.30	0.34
7-517	BROOKLAWN BORO WD 4-67	27AUG80	-	-	0.00	-	-	-	0.00
7-517	BROOKLAWN BORO WD 4-67	10OCT80	-	-	0.02	-	-	-	0.00
7-520	BROOKLAWN BORO WD 3-61	19AUG66	0.05	0.20	-	-	-	-	-
7-527	CAMDEN CITY WD-CITY 18	29OCT82	2.10	9.3	2.1	0.30	0.05	0.06	-
7-528	CAMDEN CITY WD-PUCHACK 7	13JUL82	-	-	2.1	0.40	0.09	0.12	-
7-535	CAMDEN CITY WD-TW 1 1979	28JUL80	-	-	0.00	-	-	-	0.03
7-541	CAMDEN CITY WD-TW 8 1979	28JUL80	-	-	0.00	-	-	-	0.00
7-541	CAMDEN CITY WD-TW 8 1979	09SEP82	-	-	<0.10	1.8	1.20	1.5	-
7-545	CAMDEN CITY WD-MORRIS 11	12JUL82	-	-	<0.10	1.6	1.10	1.4	-
7-546	NEW JERSEY WC-LAUREL 14	02AUG60	0.18	0.80	-	-	-	-	-
7-546	NEW JERSEY WC-LAUREL 14	20FEB64	0.14	0.60	-	-	-	-	-
7-555	PENLER ANODIZING CO 1	01JUL80	-	-	1.2	-	-	-	0.00
7-559	MEADOWBROOK SWIM CLUB	01JUL80	-	-	2.0	-	-	-	0.00
7-560	MERCH-PENN WCOM-WDBINE 2	10JUL80	-	-	3.1	-	-	-	0.03
7-560	MERCH-PENN WCOM-WDBINE 2	27OCT82	-	-	3.3	0.30	<0.01	0.01	0.03
7-562	NJDEP-HARRISON AVE 2	07AUG80	-	-	0.04	-	-	-	0.00
7-563	NJDEP-HARRISON AVE 3	08AUG80	-	-	0.02	-	-	-	0.00
7-566	NJDEP-HARRISON AVE 6	07AUG80	-	-	1.6	-	-	-	0.00
7-567	NJDEP-HARRISON AVE 7	07AUG80	-	-	0.03	-	-	-	0.00
7-568	PENNSAUKN LANDFILL MON 1	29OCT80	-	-	0.71	-	-	-	0.03
7-571	PENNSAUKN LANDFILL MON 4	29OCT80	-	-	1.6	-	-	-	0.00
7-573	USGS-GLOUC CTY CG BASE 2	23JUL80	-	-	0.00	-	-	-	0.03
7-574	USGS-GLOUC CTY CG BASE 3	23JUL80	-	-	1.5	-	-	-	0.00
7-575	BELL SUPPLY CO 1	25AUG80	-	-	2.6	-	-	-	0.00
7-586	CAMDEN CITY WD-MORRIS 12	13JUL82	-	-	<0.10	0.72	0.72	0.93	0.15
15- 1	CLAYTON BORO WD 3	30JUL57	0.02	0.10	-	-	-	-	-
15- 1	CLAYTON BORO WD 3	19NOV58	0.07	0.30	-	-	-	-	-
15- 1	CLAYTON BORO WD 3	09DEC58	0.05	0.20	-	-	-	-	3.2
15- 1	CLAYTON BORO WD 3	13JUL67	-	0.20	-	-	-	-	0.90
15- 1	CLAYTON BORO WD 3	21SEP72	0.41	1.8	-	-	-	-	0.81
15- 1	CLAYTON BORO WD 3	17SEP82	-	-	<0.10	0.46	0.46	0.59	0.74
15- 3	CLAYTON BORO WD 4	17SEP82	-	-	<0.10	1.2	0.32	0.41	0.18
15- 7	WOODBURY CTY WD-SEWELL 2	25APR51	0.23	1.0	-	-	-	-	-
15- 8	WOODBURY CTY WD-SEWEL 2A	27AUG80	-	-	0.00	-	-	-	0.49
15- 8	WOODBURY CTY WD-SEWEL 2A	17OCT80	-	-	0.01	-	-	-	0.49
15- 9	DEPTFORD TWP MUA 5-1971	02SEP80	-	-	0.01	-	-	-	0.31
15- 11	DEPTFORD TWP MUA 2	17AUG67	-	0.40	-	-	-	-	0.40
15- 16	DEPTFORD TWP MUA 1	17AUG67	-	0.20	-	-	-	-	0.30
15- 16	DEPTFORD TWP MUA 1	02SEP80	-	-	0.01	-	-	-	0.40
15- 16	DEPTFORD TWP MUA 1	28DEC82	-	-	<0.10	0.31	0.31	0.40	0.43
15- 24	DEPTFORD TWP MUA 4	02SEP80	-	-	0.14	-	-	-	0.37
15- 28	E GREENWICH TWP WD 2	13JUL67	0.07	0.30	-	-	-	-	1.3
15- 28	E GREENWICH TWP WD 2	05SEP80	-	-	0.01	-	-	-	0.74
15- 29	E GREENWICH TWP WD 1	07MAY51	0.20	0.90	-	-	-	-	-
15- 60	GLASSBORO BORO WD 3	17JUL67	-	0.80	-	-	-	-	0.90
15- 60	GLASSBORO BORO WD 3	17AUG82	-	-	<0.10	0.90	0.33	0.43	0.80
15- 62	GLASSBORO BORO WD 2	19NOV58	0.07	0.30	-	-	-	-	-
15- 62	GLASSBORO BORO WD 2	09DEC58	0.07	0.30	-	-	-	-	0.70
15- 62	GLASSBORO BORO WD 2	17JUL67	-	0.80	-	-	-	-	0.60
15- 63	GLASSBORO BORO WD 4	17JUL67	-	0.90	-	-	-	-	0.60
15- 63	GLASSBORO BORO WD 4	17AUG82	-	-	<0.10	0.34	0.34	0.44	0.71
15- 65	GREENWICH TWP WD 2	13JUL67	2.70	12	-	-	-	-	0.00
15- 69	GREENWICH TWP WD 3	13JUL67	-	2.5	-	-	-	-	0.10
15- 69	GREENWICH TWP WD 3	18SEP80	-	-	0.16	-	-	-	0.00
15- 69	GREENWICH TWP WD 3	22SEP82	0.23	1.0	0.24	0.20	0.09	0.12	-
15- 70	GREENWICH TWP WD 1	14AUG67	-	28	-	-	-	-	0.00
15- 72	EI DUPONT REPAUNO 3	15SEP52	3.20	14	-	-	-	-	-
15- 72	EI DUPONT REPAUNO 3	15AUG67	-	18	-	-	-	-	0.00
15- 72	EI DUPONT REPAUNO 3	22SEP72	4.37	19	-	-	-	-	0.00
15- 72	EI DUPONT REPAUNO 3	12SEP80	-	-	2.8	-	-	-	0.00
15- 72	EI DUPONT REPAUNO 3	24AUG82	-	-	2.7	0.20	<0.01	0.01	-
15- 76	HERCULES CHEM 4-1970	15SEP80	-	-	0.51	-	-	-	0.00

TABLE 5.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED NUTRIENTS--Continued.

[Concentrations in milligrams per liter.]

Well Number	Local Well Identifier	Date of Sample	Nitrate Nitrogen (As N)	Nitrate Nitrogen (As NO3)	Nitrate+ Nitrite Nitrogen (As N)	Ammonia+ Organic Nitrogen (As N)	Ammonia Nitrogen (As N)	Ammonia Nitrogen (As NH4)	Ortho- Phosphate (As P)
15- 76	HERCULES CHEM 4-1970	18NOV82	0.20	0.90	0.22	2.4	2.20	2.8	1.5
15- 79	EI DUPONT REPAUNO 6	21DEC70	-	5.2	-	-	-	-	0.02
15- 79	EI DUPONT REPAUNO 6	12SEP80	-	-	-	-	-	-	0.00
15- 79	EI DUPONT REPAUNO 6	24AUG82	-	-	5.3	0.33	0.33	0.43	-
15- 81	EI DUPONT REPAUNO 5	15AUG67	-	8.4	-	-	-	-	0.00
15- 81	EI DUPONT REPAUNO 5	12SEP80	-	-	1.2	-	-	-	0.00
15- 81	EI DUPONT REPAUNO 5	24AUG82	-	-	0.77	0.50	0.21	0.27	-
15- 82	EI DUPONT REPAUNO 1 (O)	20AUG51	1.40	6.2	-	-	-	-	0.00
15- 84	HERCULES CHEM GIBBSTWN 2	14AUG67	-	8.5	-	-	-	-	0.10
15- 89	HERCULES CHEM GIBBSTWN 1	14AUG67	-	7.0	-	-	-	-	0.00
15- 93	MOBIL OIL-GREENWICH 46	09JUL51	3.60	16	-	-	-	-	0.05
15- 94	MOBIL OIL-GREENWICH 44	14AUG67	-	6.9	-	-	-	-	0.00
15- 94	MOBIL OIL-GREENWICH 44	17SEP80	-	-	1.0	-	-	-	0.00
15- 96	HERCULES CHEM-GIBB OBS 2	06DEC82	-	-	16.0	28	25.0	32	-
15- 97	HERCULES CHEM GIBB 8 OBS	03NOV82	2.50	11	2.5	1.3	0.85	1.1	0.64
15- 98	MOBIL OIL-GREENWICH 45	14AUG67	-	0.00	-	-	-	-	0.00
15- 98	MOBIL OIL-GREENWICH 45	17SEP80	-	-	0.05	-	-	-	0.00
15- 98	MOBIL OIL-GREENWICH 45	11AUG82	-	-	<0.10	21	21.0	27	0.06
15-101	MOBIL OIL-GREENWICH 40	09JUL51	0.05	0.20	-	-	-	-	-
15-101	MOBIL OIL-GREENWICH 40	14AUG67	-	5.8	-	-	-	-	0.00
15-102	EI DUPONT REPAUNO 20	15SEP52	0.63	2.8	-	-	-	-	-
15-102	EI DUPONT REPAUNO 20	15AUG67	-	-	-	-	-	-	0.00
15-102	EI DUPONT REPAUNO 20	21DEC70	-	2.7	-	-	-	-	0.01
15-103	EI DUPONT REPAUNO H	20AUG51	3.40	15	-	-	-	-	-
15-109	MOBIL OIL-GREENWICH 41	14AUG67	-	0.50	-	-	-	-	0.30
15-109	MOBIL OIL-GREENWICH 41	22SEP72	0.41	1.8	-	-	-	-	0.04
15-109	MOBIL OIL-GREENWICH 41	11AUG82	-	-	<0.10	2.0	2.00	2.6	0.06
15-118	MOBIL OIL-GREENWICH 47	14AUG67	-	4.7	-	-	-	-	0.00
15-118	MOBIL OIL-GREENWICH 47	22SEP72	0.07	0.30	-	-	-	-	0.03
15-118	MOBIL OIL-GREENWICH 47	17SEP80	-	-	0.08	-	-	-	0.00
15-118	MOBIL OIL-GREENWICH 47	11AUG82	-	-	<0.10	0.20	0.08	0.10	0.09
15-129	SO JERSEY WS CO 1	09NOV58	0.18	0.80	-	-	-	-	-
15-129	SO JERSEY WS CO 1	09DEC58	0.23	1.0	-	-	-	-	0.70
15-129	SO JERSEY WS CO 1	27OCT80	-	-	0.00	-	-	-	0.67
15-129	SO JERSEY WS CO 1	22SEP82	-	-	<0.10	0.80	0.56	0.72	0.58
15-130	SO JERSEY WS CO 3	22DEC70	0.47	2.1	-	-	-	-	0.59
15-131	CLEARVIEW HIGH SCHOOL 1	18SEP80	-	-	0.02	-	-	-	0.55
15-137	PURELAND WC 2 (3-1973)	26SEP80	-	-	0.00	-	-	-	0.00
15-138	MUSUMECI, FRANK	29MAY57	11.0	48	-	-	-	-	-
15-139	PURELAND WC TW 3	26SEP80	-	-	0.00	-	-	-	0.00
15-143	PURELAND WC LANDTEC TW6C	30SEP80	-	-	5.9	-	-	-	0.00
15-144	PURELAND WC 1-1973	26SEP80	-	-	0.40	-	-	-	0.00
15-146	PURELAND WC LANDTECT TW9	010CT80	-	-	2.9	-	-	-	0.00
15-158	MONSANTO CHEM WEST 2	190CT82	-	-	<0.10	0.35	0.35	0.45	-
15-159	MONSANTO CHEM EAST 1	23SEP80	-	-	0.11	-	-	-	1.0
15-159	MONSANTO CHEM EAST 1	190CT82	0.20	0.90	0.23	0.53	0.53	0.68	-
15-161	MONSANTO CHEM OBS 1	200CT82	-	-	<0.10	1.6	0.34	0.44	0.67
15-163	MONSANTO CHEM OBS 3	280CT82	0.11	0.50	0.12	27	18.0	23	0.58
15-165	PENNS GROVE WC-BRIDGPT 1	19MAY51	2.50	11	-	-	-	-	0.00
15-165	PENNS GROVE WC-BRIDGPT 1	12JUL67	-	59	-	-	-	-	0.00
15-165	PENNS GROVE WC-BRIDGPT 1	20SEP73	-	-	-	-	-	-	0.00
15-166	PENNS GROVE WC-BRIDGPT 2	12JUL67	-	28	-	-	-	-	0.00
15-166	PENNS GROVE WC-BRIDGPT 2	22SEP72	7.70	34	-	-	-	-	0.00
15-166	PENNS GROVE WC-BRIDGPT 2	16SEP80	-	-	8.2	-	-	-	0.00
15-166	PENNS GROVE WC-BRIDGPT 2	22DEC82	-	-	7.2	<0.10	<0.01	0.01	-
15-167	MONSANTO CHEM 3	23SEP80	-	-	0.01	-	-	-	0.12
15-167	MONSANTO CHEM 3	190CT82	-	-	<0.10	0.43	0.43	0.55	-
15-189	MANTUA MUA 2 (SEWELL 1)	04AUG80	-	-	0.02	-	-	-	0.58
15-191	MANTUA MUA 1 (SEWELL 2)	04AUG80	-	-	0.01	-	-	-	0.61
15-192	MANTUA MUA 5 (EDENWD 1).	15AUG67	-	0.10	-	-	-	-	0.40
15-192	MANTUA MUA 5 (EDENWD 1)	11SEP80	-	-	0.06	-	-	-	0.58
15-192	MANTUA MUA 5 (EDENWD 1)	04JAN83	-	-	<0.10	0.90	0.41	0.53	0.64
15-193	MANTUA MUA 3 (MANT WC 2)	17JUL67	-	0.80	-	-	-	-	0.50
15-193	MANTUA MUA 3 (MANT WC 2)	04AUG80	-	-	0.01	-	-	-	0.89
15-193	MANTUA MUA 3 (MANT WC 2)	04JAN83	-	-	<0.10	0.50	0.34	0.44	0.61
15-194	MANTUA MUA 4 (MANT WC3)	04AUG80	-	-	0.04	-	-	-	0.61
15-194	MANTUA MUA 4 (MANT WC3)	04JAN83	-	-	<0.10	0.50	0.38	0.49	0.55
15-206	NATIONAL PARK BORO WD 1	25APR51	4.50	20	-	-	-	-	0.00
15-206	NATIONAL PARK BORO WD 1	29AUG66	-	0.20	-	-	-	-	-
15-207	NATIONAL PARK BORO WD 2	29AUG66	-	0.00	-	-	-	-	-

TABLE 5.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED NUTRIENTS--Continued.

[Concentrations in milligrams per liter.]

Well Number	Local Well Identifier	Date of Sample	Nitrate Nitrogen (As N)	Nitrate Nitrogen (As NO3)	Nitrate+ Nitrite Nitrogen (As N)	Ammonia+ Organic Nitrogen (As N)	Ammonia Nitrogen (As N)	Ammonia Nitrogen (As NH4)	Ortho- Phosphate (As P)
15-207	NATIONAL PARK BORO WD 2	13JUL67	-	0.20	-	-	-	-	0.20
15-207	NATIONAL PARK BORO WD 2	18MAY71	-	0.00	-	-	-	-	0.28
15-207	NATIONAL PARK BORO WD 2	09SEP80	-	-	0.00	-	-	-	0.21
15-210	PAULSBORO WD 6-73	11SEP80	-	-	0.04	-	-	-	0.09
15-210	PAULSBORO WD 6-73	30NOV82	-	-	<0.10	0.30	0.12	0.15	0.31
15-212	PAULSBORO WD 4-51	14AUG67	-	0.40	-	-	-	-	0.00
15-212	PAULSBORO WD 4-51	11SEP80	-	-	0.01	-	-	-	0.00
15-212	PAULSBORO WD 4-51	30NOV82	-	-	<0.10	<0.10	0.06	0.08	0.06
15-213	PAULSBORO WD 5-57	14AUG67	-	0.20	-	-	-	-	0.00
15-213	PAULSBORO WD 5-57	11SEP80	-	-	0.01	-	-	-	0.00
15-215	PAULSBORO BORO WD 2	11APR51	4.50	20	-	-	-	-	-
15-215	PAULSBORO BORO WD 2	12JUL67	-	17	-	-	-	-	0.00
15-216	PAULSBORO BORO WD 3	11APR51	1.20	5.2	-	-	-	-	-
15-216	PAULSBORO BORO WD 3	12JUL67	-	12	-	-	-	-	0.00
15-218	MOBIL OIL-GREENWICH 33	15SEP52	0.14	0.60	-	-	-	-	-
15-220	ESSEX CHEM-OLIN 1-1954	14AUG67	-	0.20	-	-	-	-	0.00
15-224	PITMAN BORO WD PG1	19NOV58	0.02	0.10	-	-	-	-	-
15-224	PITMAN BORO WD PG1	17JUL67	-	0.00	-	-	-	-	0.60
15-225	PITMAN BORO WD P1	07MAY51	0.18	0.80	-	-	-	-	-
15-225	PITMAN BORO WD P1	09DEC58	0.05	0.20	-	-	-	-	-
15-225	PITMAN BORO WD P1	17JUL67	-	0.50	-	-	-	-	0.80
15-226	PITMAN BORO WD P2	17APR51	0.23	1.0	-	-	-	-	-
15-226	PITMAN BORO WD P2	17JUL67	-	0.70	-	-	-	-	0.80
15-231	MARINO, H	20OCT80	-	-	0.04	-	-	-	0.00
15-236	SWEDESBORO BORO WD 3	10SEP80	-	-	0.01	-	-	-	0.12
15-237	SWEDESBORO BORO WD 1	07MAY51	0.11	0.50	-	-	-	-	0.00
15-237	SWEDESBORO BORO WD 1	13JUL67	0.05	0.20	-	-	-	-	0.20
15-240	DEL MONTE CORP 9	17SEP70	-	0.70	-	-	-	-	0.28
15-240	DEL MONTE CORP 9	10SEP80	-	-	0.07	-	-	-	0.37
15-243	DEL MONTE CORP 4	11APR69	0.27	1.2	-	-	-	-	0.15
15-248	WASHINGTON TWP MUA 5-73	18AUG82	-	-	<0.10	0.70	0.28	0.36	0.71
15-253	WASHINGTON TWP MUA 6-64	15AUG67	-	0.20	-	-	-	-	0.20
15-253	WASHINGTON TWP MUA 6-64	18AUG82	-	-	<0.10	1.1	0.25	0.32	0.31
15-261	WASHINGTON TWP MUA 1	17AUG67	-	0.20	-	-	-	-	0.20
15-261	WASHINGTON TWP MUA 1	13AUG82	-	-	<0.10	1.8	0.26	0.33	0.34
15-265	WASHINGTON TWP MUA 2	17AUG67	-	0.10	-	-	-	-	0.20
15-267	WASHINGTON TWP MUA 3	13AUG82	-	-	<0.10	0.30	0.26	0.33	0.43
15-274	WENONAH BORO WD 1	17APR51	0.07	0.30	-	-	-	-	0.10
15-274	WENONAH BORO WD 1	17JUL67	-	0.00	-	-	-	-	0.50
15-274	WENONAH BORO WD 1	04AUG80	-	-	0.01	-	-	-	0.61
15-275	WENONAH BORO WD 2	17JUL67	-	0.30	-	-	-	-	0.60
15-276	W DEPTFORD TWP WD 4	15AUG67	-	0.50	-	-	-	-	0.40
15-276	W DEPTFORD TWP WD 4	26AUG80	-	-	0.00	-	-	-	0.40
15-276	W DEPTFORD TWP WD 4	28DEC82	-	-	<0.10	0.34	0.34	0.44	0.52
15-281	W DEPTFORD TWP WD 3	15AUG67	-	0.30	-	-	-	-	0.40
15-281	W DEPTFORD TWP WD 3	26AUG80	-	-	0.00	-	-	-	0.46
15-282	W DEPTFORD TWP WD 5	10DEC80	-	-	0.08	-	-	-	0.64
15-283	SHELL CHEM CO 3	15AUG67	-	0.30	-	-	-	-	0.40
15-283	SHELL CHEM CO 3	24SEP80	-	-	0.01	-	-	-	0.37
15-284	SHELL CHEM CO 4	15AUG67	-	0.20	-	-	-	-	0.40
15-284	SHELL CHEM CO 4	24SEP80	-	-	0.03	-	-	-	0.28
15-285	SHELL CHEM CO 1	15AUG67	-	0.10	-	-	-	-	0.30
15-308	PENWALT CORP TW 8	18SEP80	-	-	0.04	-	-	-	0.49
15-312	W DEPTFORD TWP WD 6	26AUG80	-	-	0.00	-	-	-	0.52
15-312	W DEPTFORD TWP WD 6	18AUG82	-	-	<0.10	0.70	0.18	0.23	0.49
15-314	TEXACO EAGLE PT 6-PROD	15AUG50	0.11	0.50	-	-	-	-	-
15-314	TEXACO EAGLE PT 6-PROD	22DEC70	-	0.30	-	-	-	-	0.02
15-314	TEXACO EAGLE PT 6-PROD	09AUG82	-	-	<0.10	4.6	0.25	0.32	-
15-317	TEXACO EAGLE PT 7	09SEP80	-	-	0.03	-	-	-	0.15
15-318	TEXACO EAGLE PT 2	15MAR50	0.11	0.50	-	-	-	-	-
15-318	TEXACO EAGLE PT 2	25AUG66	-	0.80	-	-	-	-	-
15-319	TEXACO EAGLE PT 4-PROD	15MAR50	0.05	0.20	-	-	-	-	-
15-319	TEXACO EAGLE PT 4-PROD	25AUG66	-	0.60	-	-	-	-	-
15-319	TEXACO EAGLE PT 4-PROD	18MAY71	-	0.90	-	-	-	-	0.16
15-319	TEXACO EAGLE PT 4-PROD	29JUN72	0.21	0.90	-	-	-	-	0.03
15-319	TEXACO EAGLE PT 4-PROD	01JUN73	-	-	-	-	-	-	0.10
15-320	TEXACO EAGLE PT 1	04JUN52	0.18	0.80	-	-	-	-	-
15-320	TEXACO EAGLE PT 1	25AUG66	-	0.00	-	-	-	-	-
15-320	TEXACO EAGLE PT 1	09SEP80	-	-	0.01	-	-	-	0.03
15-321	TEXACO EAGLE PT 5	06APR50	0.14	0.60	-	-	-	-	-

TABLE 5.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED NUTRIENTS--Continued.

[Concentrations in milligrams per liter.]

Well Number	Local Well Identifier	Date of Sample	Nitrate Nitrogen (As N)	Nitrate Nitrogen (As NO3)	Nitrate+ Nitrite Nitrogen (As N)	Ammonia+ Organic Nitrogen (As N)	Ammonia Nitrogen (As N)	Ammonia Nitrogen (As NH4)	Ortho-Phosphate (As P)
15-321	TEXACO EAGLE PT 5	09SEP80	-	-	0.02	-	-	-	0.03
15-321	TEXACO EAGLE PT 5	09AUG82	-	-	<0.10	3.6	1.10	1.4	-
15-322	TEXACO EAGLE PT 3	15MAR50	0.11	0.50	-	-	-	-	-
15-323	TEXACO EAGLE PT 3-OBS	18MAY71	-	0.70	-	-	-	-	0.02
15-323	TEXACO EAGLE PT 3-OBS	29JUN72	1.04	4.6	-	-	-	-	0.01
15-323	TEXACO EAGLE PT 3-OBS	05JUN73	-	-	-	-	-	-	0.01
15-323	TEXACO EAGLE PT 3-OBS	07SEP82	-	-	<0.10	1.2	1.20	1.5	-
15-324	TEXACO EAGLE PT 4-OBS	19NOV82	-	-	<0.10	1.6	1.60	2.1	-
15-326	WESTVILLE BORO WD 5	02SEP80	-	-	0.00	-	-	-	0.03
15-326	WESTVILLE BORO WD 5	17SEP82	-	-	<0.10	1.8	0.46	0.59	-
15-327	WESTVILLE BORO WD 4	13JUL67	-	0.40	-	-	-	-	0.10
15-327	WESTVILLE BORO WD 4	20MAY71	-	0.00	-	-	-	-	0.16
15-327	WESTVILLE BORO WD 4	01JUN73	-	-	-	-	-	-	0.11
15-327	WESTVILLE BORO WD 4	02SEP80	-	-	0.03	-	-	-	0.06
15-327	WESTVILLE BORO WD 4	10SEP82	-	-	<0.10	0.70	0.36	0.46	0.06
15-329	WESTVILLE BORO WD 1	11OCT50	0.32	1.4	-	-	-	-	0.10
15-331	WOODBURY WD RAILROAD 5	12JUL67	-	0.10	-	-	-	-	0.30
15-331	WOODBURY WD RAILROAD 5	21SEP72	0.09	0.40	-	-	-	-	0.36
15-331	WOODBURY WD RAILROAD 5	27AUG80	-	-	0.13	-	-	-	0.40
15-331	WOODBURY WD RAILROAD 5	10DEC80	-	-	0.01	-	-	-	1.8
15-331	WOODBURY WD RAILROAD 5	22DEC82	-	-	<0.10	<0.10	0.05	0.06	0.46
15-332	WOODBURY WD-PARK LOT 3	07MAY51	0.18	0.80	-	-	-	-	-
15-332	WOODBURY WD-PARK LOT 3	12JUL67	-	0.60	-	-	-	-	0.60
15-332	WOODBURY WD-PARK LOT 3	27AUG80	-	-	0.00	-	-	-	0.21
15-332	WOODBURY WD-PARK LOT 3	17OCT80	-	-	0.00	-	-	-	0.34
15-333	WOODBURY WD-TATUM 4	12JUL67	0.02	0.10	-	-	-	-	0.30
15-334	MACCARONE, J	29MAY57	0.18	0.80	-	-	-	-	-
15-334	MACCARONE, J	20OCT80	-	-	0.05	-	-	-	0.09
15-337	MAUGERI, SAL	14OCT80	-	-	0.00	-	-	-	1.3
15-340	CATALANO, F	20OCT80	-	-	0.08	-	-	-	0.83
15-341	BUTLER, WALTER	27OCT80	-	-	0.02	-	-	-	0.37
15-342	DEL MONTE CORP 10	10SEP80	-	-	0.01	-	-	-	0.03
15-343	CASELLA BROS	29MAY57	0.05	0.20	-	-	-	-	-
15-345	MUSUMECI, P	27OCT80	-	-	0.00	-	-	-	0.18
15-347	GREENWICH TWP WD 5	10DEC80	-	-	5.0	-	-	-	0.03
15-347	GREENWICH TWP WD 5	22SEP82	-	-	4.6	0.90	0.48	0.62	0.06
15-348	GREENWICH TWP WD 6	18SEP80	-	-	1.6	-	-	-	0.00
15-348	GREENWICH TWP WD 6	22DEC82	-	-	1.2	<0.10	<0.01	0.01	-
15-349	PURELAND WC LANDTECT 2	01OCT80	-	-	2.6	-	-	-	0.00
15-350	PURELAND WC LANDTECT 1	30SEP80	-	-	0.33	-	-	-	0.00
15-354	ROLLINS ENVIR DP2	31OCT80	-	-	3.2	-	-	-	0.00
15-355	E GREENWICH TWP WD 3	05SEP80	-	-	0.03	-	-	-	0.58
15-357	EI DUPONT REPAUNO 7 OBS	16NOV82	18.0	80	18.0	23	23.0	30	0.03
15-361	GLASSBORO BORO WD 5	17AUG82	-	-	<0.10	0.31	0.31	0.40	0.77
15-366	CIANCIULLI, TIMOTHY	17NOV80	-	-	0.01	-	-	-	0.25
15-373	W DEPTFORD TWP MUA 7	18AUG82	-	-	<0.10	1.2	0.18	0.23	0.25
15-374	DEPTFORD TWP MUA 6	02SEP80	-	-	0.00	-	-	-	0.86
15-380	MONSANTO CHEM OBS 2	28OCT82	-	-	<0.10	1.4	1.20	1.5	-
15-387	ROLLINS ENVIR DP1	31OCT80	-	-	0.04	-	-	-	0.00
15-388	ROLLINS ENVIR DP3	31OCT80	-	-	4.9	-	-	-	0.00
15-390	GLOUCESTER CO SEW AUTH 1	25SEP80	-	-	0.00	-	-	-	0.06
15-392	NJ TPK AUTH-MAINT S-1-64	08SEP80	-	-	0.03	-	-	-	0.15
15-395	REPAUPO FIRE CO 30-1972	24SEP80	-	-	0.02	-	-	-	0.34
15-399	ALLIED ENERGY 1 1977	15SEP80	-	-	0.07	-	-	-	0.15
15-409	LOGAN TWP MUA 1	09OCT80	-	-	0.74	-	-	-	0.49
15-410	TEXACO EAGLE PT 4A	09SEP80	-	-	0.02	-	-	-	0.00
15-410	TEXACO EAGLE PT 4A	09AUG82	-	-	<0.10	0.80	0.71	0.91	-
15-417	S&S AUCTION HOUSE 1 1978	25SEP80	-	-	4.3	-	-	-	0.00
15-422	PITMAN BORO WD P4	23JUL82	-	-	<0.10	0.80	0.39	0.50	0.74
15-423	MOBIL OIL-GREENWICH 28	09JUL51	4.30	19	-	-	-	-	0.00
15-428	MOBIL OIL-GREENWICH 36	09JUL51	0.05	0.20	-	-	-	-	0.00
15-434	WESTVILLE BORO WD 6	17SEP82	-	-	<0.10	1.2	0.13	0.17	0.09
15-439	ESSEX CHEM-OLIN 2-1970	08OCT80	-	-	0.12	-	-	-	0.00
15-439	ESSEX CHEM-OLIN 2-1970	23JUL82	-	-	<0.10	0.90	0.56	0.72	0.15
21- 39	STAUFFER CHEM CO 1	04JUN80	-	-	0.02	-	-	-	0.03
21- 44	BORDENTOWN WD-WH 1	04JUN80	-	-	1.3	-	-	-	0.00
21- 54	GARDEN ST WC-R FROST 10	04JUN68	-	14	-	-	-	-	0.00
21- 92	CHAMPALE INC-YARDSIDE	04JUN80	-	-	9.3	-	-	-	0.00
21- 93	ROEBLING & SONS	26MAY50	14.0	62	-	-	-	-	-
21- 95	ALLENTOWN WD 1	14APR58	0.05	0.20	-	-	-	-	-

TABLE 5.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED NUTRIENTS--Continued.

[Concentrations in milligrams per liter.]

Well Number	Local Well Identifier	Date of Sample	Nitrate Nitrogen (As N)	Nitrate Nitrogen (As NO3)	Nitrate+ Nitrite Nitrogen (As N)	Ammonia+ Organic Nitrogen (As N)	Ammonia Nitrogen (As N)	Ammonia Nitrogen (As NH4)	Ortho- Phosphate (As P)
21- 95	ALLENTOWN WD 1	01JUL58	0.05	0.20	-	-	-	-	-
21-147	PUB SERV E-G-DUCK ISL 1	09JUN80	-	-	0.06	-	-	-	-
21-202	HAMILTON SQ WC 6	04MAY50	1.60	7.2	-	-	-	-	-
21-202	HAMILTON SQ WC 6	14APR58	1.70	7.4	-	-	-	-	-
21-203	CHAMPALE INC-OLD WELL	26MAY50	2.20	9.9	-	-	-	-	-
21-207	HAND,WILLIAM 1-1930	20AUG58	7.90	35	-	-	-	-	-
33- 64	EI DUPONT-COURSE LAND 3A	01MAY67	-	0.20	-	-	-	-	1.2
33- 65	EI DUPONT-COURSE LAND 3B	01MAY67	-	0.40	-	-	-	-	0.10
33- 66	EI DUPONT-COURSE LAND 3C	01MAY67	-	0.40	-	-	-	-	0.10
33- 67	EI DUPONT-COURSE LAND P1	18MAY67	-	0.20	-	-	-	-	0.80
33- 67	EI DUPONT-COURSE LAND P1	15OCT80	-	-	0.01	-	-	-	1.5
33- 69	NJ TPKE SERV AREA 1N-1	16FEB68	-	0.60	-	-	-	-	0.49
33- 69	NJ TPKE SERV AREA 1N-1	08SEP80	-	-	0.00	-	-	-	0.95
33- 70	NJ TPKE SERV AREA 1N-2	16FEB68	-	0.30	-	-	-	-	0.45
33- 74	OLDSMANS TWP WD 1	03OCT80	-	-	0.02	-	-	-	1.5
33- 75	BSA-AUBURN HILL CAMP	05NOV58	0.14	0.60	-	-	-	-	-
33- 76	DAWSON, H W	20OCT80	-	-	0.07	-	-	-	1.1
33- 77	PENNS GROVE WSC-PEDTN 11	09APR51	2.30	10	-	-	-	-	0.00
33- 77	PENNS GROVE WSC-PEDTN 11	16FEB68	-	0.30	-	-	-	-	0.06
33- 80	AIRCO INDUSTRIAL GASES 1	03OCT80	-	-	0.02	-	-	-	0.00
33- 83	BF GOODRICH CO 9	09OCT80	-	-	0.04	-	-	-	0.00
33- 83	BF GOODRICH CO 9	21OCT82	-	-	<0.10	0.20	0.11	0.14	0.03
33- 85	BF GOODRICH CO 6	09OCT80	-	-	0.03	-	-	-	0.03
33- 85	BF GOODRICH CO 6	21OCT82	-	-	<0.10	0.10	0.10	0.13	0.03
33- 86	BF GOODRICH CO 4	09OCT80	-	-	0.06	-	-	-	0.34
33- 86	BF GOODRICH CO 4	21OCT82	-	-	<0.10	0.40	0.34	0.44	0.61
33-103	PENNS GROVE SEW AUTH 1	22SEP80	-	-	0.00	-	-	-	0.00
33-106	LINSKI, ALEX 2-1962	10OCT80	-	-	0.04	-	-	-	0.31
33-107	NJDEP-FT MOTT STATE PK 1	26APR56	0.00	0.00	-	-	-	-	-
33-107	NJDEP-FT MOTT STATE PK 1	15DEC59	0.14	0.60	-	-	-	-	-
33-107	NJDEP-FT MOTT STATE PK 1	26FEB68	-	0.20	-	-	-	-	0.19
33-108	US ARMY-FINNS PT CEM	19NOV59	0.20	0.90	-	-	-	-	-
33-108	US ARMY-FINNS PT CEM	26FEB68	-	0.30	-	-	-	-	0.10
33-108	US ARMY-FINNS PT CEM	10OCT80	-	-	0.06	-	-	-	0.74
33-108	US ARMY-FINNS PT CEM	15OCT82	-	-	<0.10	0.60	0.19	0.24	0.64
33-112	PENNSVILLE TWP WD 4	27FEB68	-	3.1	-	-	-	-	0.59
33-112	PENNSVILLE TWP WD 4	02OCT80	-	-	0.00	-	-	-	2.6
33-112	PENNSVILLE TWP WD 4	08OCT82	-	-	<0.10	1.3	0.85	1.1	0.61
33-117	PENNSVILLE TWP WD 3	26FEB68	-	0.40	-	-	-	-	0.11
33-117	PENNSVILLE TWP WD 3	02OCT80	-	-	0.00	-	-	-	0.00
33-117	PENNSVILLE TWP WD 3	08OCT82	-	-	<0.10	0.40	0.30	0.39	0.37
33-118	PENNSVILLE TWP WD 1	26FEB68	-	0.90	-	-	-	-	0.55
33-118	PENNSVILLE TWP WD 1	02OCT80	-	-	0.00	-	-	-	1.2
33-118	PENNSVILLE TWP WD 1	08OCT82	-	-	<0.10	0.50	0.38	0.49	1.1
33-119	PENNSVILLE TWP WD 2	11JAN51	0.18	0.80	-	-	-	-	-
33-119	PENNSVILLE TWP WD 2	26FEB68	-	7.1	-	-	-	-	0.11
33-119	PENNSVILLE TWP WD 2	21SEP73	0.21	0.93	-	-	-	-	0.03
33-119	PENNSVILLE TWP WD 2	02OCT80	-	-	0.01	-	-	-	0.00
33-119	PENNSVILLE TWP WD 2	08OCT82	-	-	0.15	0.30	0.09	0.12	0.09
33-121	ATL CITY EL-DEEPWATER 3	15FEB68	-	0.20	-	-	-	-	1.1
33-122	ATL CITY EL-DEEPWATER 3R	22SEP80	-	-	0.04	-	-	-	0.12
33-122	ATL CITY EL-DEEPWATER 3R	12OCT82	-	-	<0.10	0.70	0.48	0.62	1.7
33-123	ATL CITY EL-DEEPWATER 2	15FEB68	-	0.40	-	-	-	-	0.53
33-125	ATL CITY EL-DEEPWATER 5	15FEB68	-	2.5	-	-	-	-	0.52
33-125	ATL CITY EL-DEEPWATER 5	12OCT82	-	-	<0.10	1.7	1.60	2.1	1.0
33-126	EI DUPONT-RANNEY 7	07DEC67	-	0.00	-	-	-	-	0.00
33-126	EI DUPONT-RANNEY 7	21OCT80	-	-	0.02	-	-	-	0.00
33-127	ATL CITY EL-DEEPWATER 6	15FEB68	-	3.2	-	-	-	-	0.28
33-127	ATL CITY EL-DEEPWATER 6	22SEP80	-	-	0.00	-	-	-	0.00
33-127	ATL CITY EL-DEEPWATER 6	12OCT82	-	-	<0.10	0.70	0.50	0.64	1.8
33-128	EI DUPONT-RANNEY 6	07DEC67	-	0.00	-	-	-	-	0.00
33-135	EI DUPONT-RANNEY 5	19JAN68	-	1.00	-	-	-	-	0.01
33-137	EI DUPONT-DRINKWATER 8	06MAR51	0.16	0.70	-	-	-	-	-
33-137	EI DUPONT-DRINKWATER 8	15SEP52	0.07	0.30	-	-	-	-	-
33-137	EI DUPONT-DRINKWATER 8	15OCT80	-	-	0.01	-	-	-	2.2
33-147	SALEM CO OFFICE BLDG 1	14OCT80	-	-	0.01	-	-	-	1.3
33-158	ACME MARKETS 1	09FEB60	0.11	0.50	-	-	-	-	-
33-158	ACME MARKETS 1	27FEB68	-	0.20	-	-	-	-	1.2
33-163	RICHMAN ICE CREAM 1	27APR56	0.09	0.40	-	-	-	-	-
33-163	RICHMAN ICE CREAM 1	27FEB68	-	0.20	-	-	-	-	1.4

TABLE 5.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED NUTRIENTS--Continued.

[Concentrations in milligrams per liter.]

Well Number	Local Well Identifier	Date of Sample	Nitrate Nitrogen (As N)	Nitrate Nitrogen (As NO3)	Nitrate+ Nitrite Nitrogen (As N)	Ammonia+ Organic Nitrogen (As N)	Ammonia Nitrogen (As N)	Ammonia Nitrogen (As NH4)	Ortho-Phosphate (As P)
33-163	RICHMAN ICE CREAM 1	16SEP80	-	-	0.01	-	-	-	2.0
33-163	RICHMAN ICE CREAM 1	15OCT82	-	-	<0.10	0.11	0.11	0.14	2.0
33-164	RICHMAN ICE CREAM 2	27FEB68	-	0.00	-	-	-	-	1.5
33-165	EI DUPONT-COURSE LAND 4A	01MAY67	-	1.1	-	-	-	-	1.2
33-166	EI DUPONT-COURSE LAND 4B	01MAY67	-	0.80	-	-	-	-	-
33-167	EI DUPONT-COURSE LAND 4C	01MAY67	-	0.40	-	-	-	-	2.2
33-182	DAVIS, ALLEN	23FEB60	0.02	0.10	-	-	-	-	-
33-187	USGS-POINT AIRY OBS	23SEP58	0.18	0.80	-	-	-	-	-
33-187	USGS-POINT AIRY OBS	24OCT58	0.29	1.3	-	-	-	-	-
33-187	USGS-POINT AIRY OBS	24DEC58	0.25	1.1	-	-	-	-	-
33-194	KELLY, W F	29JAN60	0.09	0.40	-	-	-	-	-
33-198	DUBOIS BROTHERS IRR 74	16SEP80	-	-	0.00	-	-	-	0.71
33-251	USGS-SALEM 1 OBS	22NOV82	-	-	<0.10	1.3	1.30	1.7	0.21
33-253	USGS-SALEM 3 OBS	02SEP65	-	0.60	-	-	-	-	-
33-253	USGS-SALEM 3 OBS	22NOV82	-	-	<0.10	0.70	0.64	0.82	0.15
33-299	EI DUPONT-COURSE LAND 1A	01MAY67	-	0.30	-	-	-	-	0.00
33-300	EI DUPONT-COURSE LAND 1B	01MAY67	-	0.10	-	-	-	-	0.00
33-301	EI DUPONT-COURSE LAND 1C	01MAY67	-	0.60	-	-	-	-	0.00
33-302	EI DUPONT-COURSE LAND 2A	01MAY67	-	0.10	-	-	-	-	0.10
33-303	EI DUPONT-COURSE LAND 2B	01MAY67	-	0.30	-	-	-	-	0.00
33-304	EI DUPONT-COURSE LAND 2C	01MAY67	-	0.40	-	-	-	-	0.50
33-305	EI DUPONT-COURSE LAND P3	15OCT80	-	-	0.01	-	-	-	1.3
33-307	EI DUPONT-RANNEY 1	06MAR51	0.32	1.4	-	-	-	-	0.00
33-307	EI DUPONT-RANNEY 1	07DEC67	-	0.10	-	-	-	-	0.01
33-308	EI DUPONT-RANNEY 2	07DEC67	-	0.00	-	-	-	-	1.9
33-309	EI DUPONT-RANNEY 3	07DEC67	-	0.20	-	-	-	-	0.18
33-310	EI DUPONT-RANNEY 4	07DEC67	-	0.10	-	-	-	-	0.00
33-322	EI DUPONT-CARNEY PT 2	15OCT80	-	-	0.01	-	-	-	0.03
33-322	EI DUPONT-CARNEY PT 2	16NOV82	0.26	1.2	0.28	1.4	1.40	1.8	0.21
33-325	EI DUPONT-CARNEY PT 3	16FEB68	-	0.20	-	-	-	-	0.02
33-326	EI DUPONT-CARNEY PT 4	16FEB68	-	0.20	-	-	-	-	0.01
33-328	EI DUPONT-CARNEY PT 1	16FEB68	-	2.5	-	-	-	-	0.03
33-330	PENNS GROVE WC-LAYTON 11	11JAN51	0.25	1.1	-	-	-	-	-
33-330	PENNS GROVE WC-LAYTON 11	16FEB68	-	0.20	-	-	-	-	0.84
33-333	EI DUPONT-CARNEY PT 5	16FEB68	-	0.80	-	-	-	-	0.02
33-334	EI DUPONT-CARNEY PT 6	16FEB68	-	1.1	-	-	-	-	0.02
33-335	EI DUPONT-CARNEY PT 7	16FEB68	-	0.50	-	-	-	-	1.2
33-345	PENNS GROVE WC 2B	23SEP80	-	-	0.06	-	-	-	0.15
33-345	PENNS GROVE WC 2B	12OCT82	-	-	2.0	0.30	<0.01	0.01	-
33-346	PENNS GROVE WC-LAYNE 1	16FEB68	-	0.20	-	-	-	-	0.86
33-346	PENNS GROVE WC-LAYNE 1	23SEP80	-	-	2.2	-	-	-	0.06
33-346	PENNS GROVE WC-LAYNE 1	12OCT82	-	-	<0.10	0.30	0.23	0.30	1.1
33-347	PENNS GROVE WC-RANNEY	11JAN51	2.30	10	-	-	-	-	0.00
33-353	WOODSTOWN BORO WD 1	11JAN51	0.27	1.2	-	-	-	-	-
33-353	WOODSTOWN BORO WD 1	19NOV58	0.16	0.70	-	-	-	-	-
33-353	WOODSTOWN BORO WD 1	09DEC58	0.05	0.20	-	-	-	-	-
33-353	WOODSTOWN BORO WD 1	27FEB68	-	0.50	-	-	-	-	1.7
33-354	WOODSTOWN BORO WD 2	27FEB68	-	0.00	-	-	-	-	1.5
33-354	WOODSTOWN BORO WD 2	06OCT80	-	-	0.01	-	-	-	1.9
33-355	WOODSTOWN ICE & COAL 1	23OCT58	0.11	0.50	-	-	-	-	-
33-360	PENNSVILLE T WD 5	02OCT80	-	-	0.09	-	-	-	0.49
33-361	PENNS GROVE WC-LAYTN1-79	23SEP80	-	-	0.01	-	-	-	0.00
33-362	WOODSTOWN BORO WD 3	06OCT80	-	-	0.07	-	-	-	1.7
33-364	PSEG-SALEM NUC GEN STA 5	22OCT82	-	-	<0.10	0.14	0.14	0.18	1.1
33-419	NL INDUSTRIES MON 8R	21NOV80	-	-	0.00	-	-	-	0.03
33-420	NL INDUSTRIES MON 9R2	21NOV80	-	-	0.01	-	-	-	0.00
33-421	SPARKS, MAYHEW	20NOV80	-	-	10.0	-	-	-	0.00

TABLE 6.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR TOTAL VOLATILE ORGANIC COMPOUNDS.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Benzene	1,1-Di-chloro-ethane	1,2-Di-chloro-ethane	1,1-Dichloro-ethylene	1,2-trans-Dichloro-ethylene	Chloro-benzene	Ethyl-benzene	Carbon Tetra-chloride
5- 39	NJ WC-DEL VALLEY WC 15	30JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5- 43	OCEAN SPRAY 1	05JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5- 48	NJ DEPT DEF-NAT GUARD 1	05JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5- 51	BURLINGTON CITY WD 3	12JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5- 51	BURLINGTON CITY WD 3	07OCT81	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5- 76	HEAL, CHARLES	19JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5- 77	BURLINGTON TWP WD 1-1973	12JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5- 86	TENNECO CHEM 5	12AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5- 87	TENNECO CHEM 5-OBS	25JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5- 89	TENNECO CHEM 7	20JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5- 89	TENNECO CHEM 7	24OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5- 89	TENNECO CHEM 7	12AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5- 91	TENNECO CHEM 4	30JUL82	<1.0	<1.0	<1.0	290	<1.0	<1.0	<1.0	<1.0
5- 92	TENNECO CHEM 1	24OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5- 94	TENNECO CHEM 3	20JUN80	<1.0	670	<1.0	-	<1.0	-	-	<1.0
5- 94	TENNECO CHEM 3	24OCT80	<1.0	16	<1.0	-	<1.0	-	-	<1.0
5-100	HERCULES POWDER 2	11JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-102	COLUMBUS METAL 1	27JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-105	HOOKER CHEM CO-PROD 1	26JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-123	NJ WC-DEL VALLEY WC 28	06AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-123	NJ WC-DEL VALLEY WC 28	02DEC82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-126	NJ WC-DEL VALLEY WC 12	06AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-127	NJ WC-DEL VALLEY WC 14	30JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-127	NJ WC-DEL VALLEY WC 14	02DEC82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-130	NJ WC-DEL VALLEY WC 13	30JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-130	NJ WC-DEL VALLEY WC 13	02DEC82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-139	HOLIDAY LAKE WORTHINGTON	29AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-140	CHANT, HARRY	29AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-143	NJ WC-DEL VALLEY WC 23	02DEC82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-144	NJ WC-DEL VALLEY WC 24	30JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-167	EVESHAM MUA 5	01SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-184	HUNT BROS CIRCUS	06JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-185	SHERWATT EQUIPMENT 1	06JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-189	FLORENCE TWP WD 2	12JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-201	ACACIA LUMBERTON MANOR	14SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-208	COLUMBUS WC 2	22OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-212	N BURL CO HIGH SCHOOL 1	22OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-214	WALDER, THOMAS	29JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-228	MAPLE SHADE WD10	28AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-228	MAPLE SHADE WD10	25OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-229	MAPLE SHADE WD 9	29AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-229	MAPLE SHADE WD 9	25OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-232	MAPLE SHADE WD 8	15JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-251	MEDFORD WC 4	14SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-252	MEDFORD WC 3	14SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-258	USGS-MEDFORD 1 OBS	30AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-261	USGS-MEDFORD 5 OBS	31AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-262	USGS-MEDFORD 4 OBS	18OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-265	MOORESTOWN TWP WD 6	11JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-273	MOORESTOWN FIELD CLUB 1	27JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-277	CAMPBELL SOUP 3	26JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-283	MOORESTOWN TWP WD 8	11JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-289	MT HOLLY WC 3	23OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-290	MT HOLLY WC 6	23OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-292	MT HOLLY WC 7	05AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-301	FELLOWSHIP MOTOR LODGE	20AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-304	MT LAUREL MUA 2	28AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-304	MT LAUREL MUA 2	02SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-310	NJ TURNPIKE AUTH-MAINT 2	08SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-317	NJ TURNPIKE AUTH 4N-1	08SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-324	MT LAUREL MUA 3	28AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-324	MT LAUREL MUA 3	02SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-325	MT LAUREL MUA 4	02SEP82	<1.0	<1.0	1	<1.0	<1.0	<1.0	<1.0	<1.0
5-344	HOFFMAN-LA ROCHE CO 1974	19MAY82	<1.0	-	-	-	-	-	<1.0	-
5-392	RIVERSIDE PUB SCHOOL 1	17JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-441	HELIS STOCK FARM 3	22OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-446	INTSTATE STOR+PIPELN CO	19JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-448	NJ DOT-RT295 REST AREA 1	17JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-637	HANOVER TRLS COMMISSARY	26JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-647	RANCOCAS COUNTRY CLUB 1	17JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0

TABLE 6.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR TOTAL VOLATILE ORGANIC COMPOUNDS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Methylene Chloride	Tetra-chloro-ethylene	1,1,1-Tri-chloro-ethane	1,1,2-Tri-chloro-ethane	Trichloro-ethylene	Toluene	Vinyl Chloride	1,2-Dichloro-propane
5- 39	NJ WC-DEL VALLEY WC 15	30JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5- 43	OCEAN SPRAY 1	05JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5- 48	NJ DEPT DEF-NAT GUARD 1	05JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5- 51	BURLINGTON CITY WD 3	12JUN80	<1.0	<1.0	<1.0	-	28	<1.0	-	-
5- 51	BURLINGTON CITY WD 3	07OCT81	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5- 76	HEAL, CHARLES	19JUN80	<1.0	<1.0	<1.0	-	<1.0	3	-	-
5- 77	BURLINGTON TWP WD 1-1973	12JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5- 86	TENNECO CHEM 5	12AUG82	<1.0	<1.0	<1.0	<1.0	35	<1.0	<1.0	<1.0
5- 87	TENNECO CHEM 5-OBS	25JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5- 89	TENNECO CHEM 7	20JUN80	<1.0	<1.0	<1.0	-	8	3	-	-
5- 89	TENNECO CHEM 7	24OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5- 89	TENNECO CHEM 7	12AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5- 91	TENNECO CHEM 4	30JUL82	<1.0	<1.0	<1.0	<1.0	430	<1.0	<1.0	<1.0
5- 92	TENNECO CHEM 1	24OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5- 94	TENNECO CHEM 3	20JUN80	<1.0	<1.0	<1.0	-	214	3	-	-
5- 94	TENNECO CHEM 3	24OCT80	<1.0	<1.0	<1.0	-	31	<1.0	-	-
5-100	HERCULES POWDER 2	11JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-102	COLUMBUS METAL 1	27JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-105	HOOKER CHEM CO-PROD 1	26JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-123	NJ WC-DEL VALLEY WC 28	06AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-123	NJ WC-DEL VALLEY WC 28	02DEC82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-126	NJ WC-DEL VALLEY WC 12	06AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-127	NJ WC-DEL VALLEY WC 14	30JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-127	NJ WC-DEL VALLEY WC 14	02DEC82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-130	NJ WC-DEL VALLEY WC 13	30JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-130	NJ WC-DEL VALLEY WC 13	02DEC82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-139	HOLIDAY LAKE WORTHINGTON	29AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-140	CHANT, HARRY	29AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-143	NJ WC-DEL VALLEY WC 23	02DEC82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-144	NJ WC-DEL VALLEY WC 24	30JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-167	EVESHAM MUA 5	01SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-184	HUNT BROS CIRCUS	06JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-185	SHERWATT EQUIPMENT 1	06JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-189	FLORENCE TWP WD 2	12JUN80	<1.0	3	<1.0	-	<1.0	5	-	-
5-201	ACACIA LUMBERTON MANOR	14SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-208	COLUMBUS WC 2	22OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-212	N BURL CO HIGH SCHOOL 1	22OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-214	WALDER, THOMAS	29JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-228	MAPLE SHADE WD10	28AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-228	MAPLE SHADE WD10	25OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-229	MAPLE SHADE WD 9	29AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-229	MAPLE SHADE WD 9	25OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-232	MAPLE SHADE WD 8	15JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-251	MEDFORD WC 4	14SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-252	MEDFORD WC 3	14SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-258	USGS-MEDFORD 1 OBS	30AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-261	USGS-MEDFORD 5 OBS	31AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-262	USGS-MEDFORD 4 OBS	18OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-265	MOORESTOWN TWP WD 6	11JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-273	MOORESTOWN FIELD CLUB 1	27JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-277	CAMPBELL SOUP 3	26JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-283	MOORESTOWN TWP WD 8	11JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-289	MT HOLLY WC 3	23OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-290	MT HOLLY WC 6	23OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-292	MT HOLLY WC 7	05AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-301	FELLOWSHIP MOTOR LODGE	20AUG80	<1.0	<1.0	<1.0	-	<1.0	4	-	-
5-304	MT LAUREL MUA 2	28AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-304	MT LAUREL MUA 2	02SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-310	NJ TURNPIKE AUTH-MAINT 2	08SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-317	NJ TURNPIKE AUTH 4N-1	08SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-324	MT LAUREL MUA 3	28AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-324	MT LAUREL MUA 3	02SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-325	MT LAUREL MUA 4	02SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-344	HOFFMAN-LA ROCHE CO 1974	19MAY82	-	-	-	-	-	<1.0	-	-
5-392	RIVERSIDE PUB SCHOOL 1	17JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-441	HELIS STOCK FARM 3	22OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-446	INTSTATE STOR+PIPELN CO	19JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-448	NJ DOT-RT295 REST AREA 1	17JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-637	HANOVER TRLS COMMISSARY	26JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-647	RANCOCAS COUNTRY CLUB 1	17JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-

TABLE 6.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR TOTAL VOLATILE ORGANIC COMPOUNDS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Benzene	1,1-Di-chloro-ethane	1,2-Di-chloro-ethane	1,1-Dichloro-ethylene	1,2-trans-Dichloro-ethylene	Chloro-benzene	Ethyl-benzene	Carbon Tetra-chloride
5-653	WILLINGBORO MUA 4	18JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-658	WILLINGBORO MUA 7	18JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-661	WILLINGBORO MUA 1	18JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-667	WILLINGBORO MUA 5	18JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-667	WILLINGBORO MUA 5	07OCT81	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-707	EVESHAM MUA 7	01SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-719	PEP BOYS 1	16JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-729	MAPLE SHADE WD 2	15JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-729	MAPLE SHADE WD 2	25OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-731	INTERSTATE WASTE-MON 8	23OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-745	BURLINGTON COUNTY CLUB 1	06AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-746	MAPLE SHADE WD 11	15JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-746	MAPLE SHADE WD 11	25OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-751	RAMBLEWOOD CC-2 TEE	14SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-761	TENNECO CHEM 9	30JUL82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-768	LISEHORA,M-GARAGE WELL	25SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-777	HOLIDAY LK ICE CREAM STD	29AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-778	BEST WESTERN MOTEL #2	05AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-779	PYROPTICS 1	11JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-780	WASTE RESOURCE OBS 6	02DEC80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-781	WASTE RESOURCE OBS 5	02DEC80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
5-788	C R ENGLAND CO	06JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7- 8	BELLMAWR BORO WD 4	02JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7- 12	BELLMAWR BORO WD 3	02JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7- 13	BELLMAWR BORO WD 1	02JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7- 19	BERLIN BORO WD 10	16SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7- 30	SJ PORT COMM NY SHIP 5A	03NOV80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7- 39	CAMDEN CITY WD-CITY 7N	30JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7- 39	CAMDEN CITY WD-CITY 7N	05NOV82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7- 46	CAMDEN CITY WD-CITY 11	30JUL80	6	<1.0	<1.0	-	<1.0	-	-	<1.0
7- 46	CAMDEN CITY WD-CITY 11	27JUL81	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7- 46	CAMDEN CITY WD-CITY 11	29OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7- 48	CAMDEN CITY WD-CITY 6N	05NOV82	<1.0	31	29	<1.0	30	<1.0	<1.0	<1.0
7- 57	OUR LADY LORDS HOSP-STBY	21SEP82	<1.0	<1.0	30	<1.0	7	<1.0	<1.0	<1.0
7- 58	WEST JERSEY HOSPITAL 1	21SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7- 61	CAMDEN CITY WD-CITY 4	30JUL80	<1.0	<1.0	<1.0	-	68	-	-	<1.0
7- 61	CAMDEN CITY WD-CITY 4	05DEC80	<1.0	100	<1.0	-	<1.0	-	-	<1.0
7- 64	CAMDEN CITY WD-CITY 17	30JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7- 64	CAMDEN CITY WD-CITY 17	05DEC80	3	5	<1.0	-	<1.0	-	-	<1.0
7- 64	CAMDEN CITY WD-CITY 17	27JUL81	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7- 64	CAMDEN CITY WD-CITY 17	29OCT82	<1.0	<1.0	7	<1.0	4	<1.0	<1.0	<1.0
7- 68	CAMDEN CITY WD-CITY 13	30JUL80	<1.0	6	<1.0	-	<1.0	-	-	<1.0
7- 68	CAMDEN CITY WD-CITY 13	05DEC80	3	10	<1.0	-	<1.0	-	-	<1.0
7- 68	CAMDEN CITY WD-CITY 13	27JUL81	<1.0	<1.0	10	-	<1.0	-	-	<1.0
7- 70	CAMDEN CITY WD-CITY 3A	15NOV82	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7- 78	CAMDEN CITY WD-CITY 5N	31JUL80	<1.0	<1.0	<1.0	-	10	-	-	<1.0
7- 78	CAMDEN CITY WD-CITY 5N	05DEC80	3	4	<1.0	-	<1.0	-	-	<1.0
7- 78	CAMDEN CITY WD-CITY 5N	27JUL81	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7- 78	CAMDEN CITY WD-CITY 5N	06JUL82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7- 94	CAMDEN CITY WD-CITY 16	31JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7- 98	NEW JERSEY WC-CAMDEN 52	21AUG80	<1.0	7	4	-	<1.0	-	-	<1.0
7- 98	NEW JERSEY WC-CAMDEN 52	04DEC80	<1.0	10	<1.0	-	<1.0	-	-	<1.0
7- 98	NEW JERSEY WC-CAMDEN 52	28JUL81	<1.0	<1.0	15	-	6	-	-	<1.0
7- 98	NEW JERSEY WC-CAMDEN 52	19JUL82	<1.0	<1.0	38	<1.0	<1.0	<1.0	<1.0	<1.0
7-110	NEW JERSEY WC-CAMDEN 49	21AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-110	NEW JERSEY WC-CAMDEN 49	28JUL81	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-122	NEW JERSEY WC-BROWN 44	21AUG80	3	<1.0	<1.0	-	<1.0	-	-	<1.0
7-122	NEW JERSEY WC-BROWN 44	07OCT81	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-122	NEW JERSEY WC-BROWN 44	25AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-124	NEW JERSEY WC-BROWNG 45	25AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-134	NEW JERSEY WC-OLD ORCH37	21AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-147	NEW JERSEY WC-KINGSTN 25	21AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-148	NEW JERSEY WC-KINGSTN 28	21AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-149	NJ DEPT DEF-NAT GUARD 1	20AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-157	NEW JERSEY WC-COLMBIA 31	26AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-160	RCA-CHERRY HILL 1	09JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-171	COLLINGSWOOD BORO WD 7	07JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-176	COLLINGSWOOD BORO WD 2	07JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-188	NEW JERSEY WC-GIBBSBO 42	26AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-189	NEW JERSEY WC-GIBBSBO 41	26AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

TABLE 6.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR TOTAL VOLATILE ORGANIC COMPOUNDS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Methylene Chloride	Tetra-chloro-ethylene	1,1,1-Tri-chloro-ethane	1,1,2-Tri-chloro-ethane	Trichloro-ethylene	Toluene	Vinyl Chloride	1,2-Dichloro-propane
5-653	WILLINGBORO MUA 4	18JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-658	WILLINGBORO MUA 7	18JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-661	WILLINGBORO MUA 1	18JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-667	WILLINGBORO MUA 5	18JUN80	1	<1.0	<1.0	-	<1.0	3	-	-
5-667	WILLINGBORO MUA 5	07OCT81	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-707	EVESHAM MUA 7	01SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-719	PEP BOYS 1	16JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-729	MAPLE SHADE WD 2	15JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-729	MAPLE SHADE WD 2	25OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-731	INTERSTATE WASTE-MON 8	23OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-745	BURLINGTON COUNTY CLUB 1	06AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-746	MAPLE SHADE WD 11	15JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-746	MAPLE SHADE WD 11	25OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-751	RAMBLEWOOD CC-2 TEE	14SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-761	TENNECO CHEM 9	30JUL82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-768	LISEHORA,M-GARAGE WELL	25SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-777	HOLIDAY LK ICE CREAM STD	29AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-778	BEST WESTERN MOTEL #2	05AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-779	PYROPTICS 1	11JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-780	WASTE RESOURCE OBS 6	02DEC80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
5-781	WASTE RESOURCE OBS 5	02DEC80	<1.0	<1.0	<1.0	-	5	<1.0	-	-
5-788	C R ENGLAND CO	06JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7- 8	BELLMAWR BORO WD 4	02JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7- 12	BELLMAWR BORO WD 3	02JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7- 13	BELLMAWR BORO WD 1	02JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7- 19	BERLIN BORO WD 10	16SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7- 30	SJ PORT COMM NY SHIP 5A	03NOV80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7- 39	CAMDEN CITY WD-CITY 7N	30JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7- 39	CAMDEN CITY WD-CITY 7N	05NOV82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7- 46	CAMDEN CITY WD-CITY 11	30JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7- 46	CAMDEN CITY WD-CITY 11	27JUL81	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7- 46	CAMDEN CITY WD-CITY 11	29OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7- 48	CAMDEN CITY WD-CITY 6N	05NOV82	<1.0	<1.0	17	<1.0	23	<1.0	<1.0	<1.0
7- 57	OUR LADY LORDS HOSP-STBY	21SEP82	<1.0	<1.0	<1.0	<1.0	10	<1.0	<1.0	<1.0
7- 58	WEST JERSEY HOSPITAL 1	21SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7- 61	CAMDEN CITY WD-CITY 4	30JUL80	<1.0	73	<1.0	-	84	<1.0	-	-
7- 61	CAMDEN CITY WD-CITY 4	05DEC80	<1.0	32	11	-	127	<1.0	-	-
7- 64	CAMDEN CITY WD-CITY 17	30JUL80	<1.0	<1.0	<1.0	-	55	<1.0	-	-
7- 64	CAMDEN CITY WD-CITY 17	05DEC80	<1.0	35	<1.0	-	81	<1.0	-	-
7- 64	CAMDEN CITY WD-CITY 17	27JUL81	<1.0	17	<1.0	-	61	<1.0	-	-
7- 64	CAMDEN CITY WD-CITY 17	29OCT82	<1.0	22	<1.0	<1.0	36	<1.0	<1.0	<1.0
7- 68	CAMDEN CITY WD-CITY 13	30JUL80	<1.0	<1.0	<1.0	-	38	<1.0	-	-
7- 68	CAMDEN CITY WD-CITY 13	05DEC80	<1.0	<1.0	<1.0	-	51	<1.0	-	-
7- 68	CAMDEN CITY WD-CITY 13	27JUL81	<1.0	<1.0	<1.0	-	27	<1.0	-	-
7- 70	CAMDEN CITY WD-CITY 3A	15NOV82	<1.0	8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7- 78	CAMDEN CITY WD-CITY 5N	31JUL80	<1.0	<1.0	<1.0	-	90	<1.0	-	-
7- 78	CAMDEN CITY WD-CITY 5N	05DEC80	<1.0	<1.0	<1.0	-	224	<1.0	-	-
7- 78	CAMDEN CITY WD-CITY 5N	27JUL81	<1.0	<1.0	<1.0	-	3	<1.0	-	-
7- 78	CAMDEN CITY WD-CITY 5N	06JUL82	<1.0	<1.0	<1.0	<1.0	110	<1.0	<1.0	<1.0
7- 94	CAMDEN CITY WD-CITY 16	31JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7- 98	NEW JERSEY WC-CAMDEN 52	21AUG80	<1.0	<1.0	<1.0	-	372	<1.0	-	-
7- 98	NEW JERSEY WC-CAMDEN 52	04DEC80	<1.0	2	<1.0	-	472	<1.0	-	-
7- 98	NEW JERSEY WC-CAMDEN 52	28JUL81	<1.0	<1.0	<1.0	-	388	<1.0	-	-
7- 98	NEW JERSEY WC-CAMDEN 52	19JUL82	87	<1.0	<1.0	<1.0	490	<1.0	<1.0	<1.0
7-110	NEW JERSEY WC-CAMDEN 49	21AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-110	NEW JERSEY WC-CAMDEN 49	28JUL81	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-122	NEW JERSEY WC-BROWN 44	21AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-122	NEW JERSEY WC-BROWN 44	07OCT81	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-122	NEW JERSEY WC-BROWN 44	25AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-124	NEW JERSEY WC-BROWNG 45	25AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-134	NEW JERSEY WC-OLD ORCH37	21AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-147	NEW JERSEY WC-KINGSTN 25	21AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-148	NEW JERSEY WC-KINGSTN 28	21AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-149	NJ DEPT DEF-NAT GUARD 1	20AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-157	NEW JERSEY WC-COLMBIA 31	26AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-160	RCA-CHERRY HILL 1	09JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-171	COLLINGSWOOD BORO WD 7	07JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-176	COLLINGSWOOD BORO WD 2	07JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-188	NEW JERSEY WC-GIBBSBO 42	26AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-189	NEW JERSEY WC-GIBBSBO 43	26AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

TABLE 6.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR TOTAL VOLATILE ORGANIC COMPOUNDS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Benzene	1,1-Di-chloro-ethane	1,2-Di-chloro-ethane	1,1-Dichloro-ethylene	1,2-trans-Dichloro-ethylene	Chloro-benzene	Ethyl-benzene	Carbon Tetra-chloride
7-193	CRESCENT TRAILER PK 1	07JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-194	NJ ZINC CO 4-DEEP	03JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-194	NJ ZINC CO 4-DEEP	16SEP82	<1.0	<1.0	9	<1.0	<1.0	<1.0	<1.0	<1.0
7-195	NJ ZINC CO 5-DEEP	03JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-210	GLOUCESTER CITY WD 42	07JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-221	USGS-GLOUC CTY CG BASE 1	23JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-249	GARDEN ST WC-BLACKWOOD 3	25AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-252	GARDEN ST WC-BLACKWOOD 6	25AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-273	NEW JERSEY WC-OTTERBK 29	22AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-274	NEW JERSEY WC-OTTERBK 39	22AUG80	2	<1.0	<1.0	-	<1.0	-	-	<1.0
7-274	NEW JERSEY WC-OTTERBK 39	07OCT81	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-278	NEW JERSEY WC-HADDON 15	22AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-278	NEW JERSEY WC-HADDON 15	25AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-279	NEW JERSEY WC-HADDON 30	22AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-279	NEW JERSEY WC-HADDON 30	25AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-293	HADDON TWP HIGH SCH 1	03JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-293	HADDON TWP HIGH SCH 1	15OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-299	HADDONFLD BORO WD-LAYN 2	09JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-302	HADDONFLD BORO WD-RULON	09JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-304	HADDONFLD BORO WD-LAKE ST	09JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-315	NEW JERSEY WC-MAGNOLIA16	22AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-315	NEW JERSEY WC-MAGNOLIA16	25AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-316	NEW JERSEY WC-MAGNOLIA33	22AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-316	NEW JERSEY WC-MAGNOLIA33	25AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-320	MERCH-PENN WCOM-WDBINE 1	27OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-322	NEW JERSEY WC-OAKLYN OBS	22AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-323	STEVENS AND STEVENS 1	01JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-329	MERCH-PENN WCOM-BROWN 2A	10JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-329	MERCH-PENN WCOM-BROWN 2A	30JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-329	MERCH-PENN WCOM-BROWN 2A	27OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-335	MERCH-PENN WCOM-MARION 1	11JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-339	PREDCO PREC PANELS	05SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-341	MERCH-PENN WCOM-DEL GN 2	10JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-350	MERCH-PENN WCOM-PARK 2	10JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-350	MERCH-PENN WCOM-PARK 2	30JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-350	MERCH-PENN WCOM-PARK 2	27OCT82	<1.0	<1.0	<1.0	<1.0	12	<1.0	<1.0	<1.0
7-354	PETTY ISLAND OBS	19NOV80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-363	CAMDEN CITY WD-PUCHACK 2	15SEP82	<1.0	<1.0	<1.0	1	<1.0	<1.0	<1.0	<1.0
7-366	CAMDEN CITY WD-PUCHACK 1	13JUL82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-367	CAMDEN CITY WD-PUCHACK 3	21JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-367	CAMDEN CITY WD-PUCHACK 3	27JUL81	<1.0	<1.0	<1.0	-	25	-	-	<1.0
7-368	CAMDEN CITY WD-DELAIR 1	22JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-368	CAMDEN CITY WD-DELAIR 1	27JUL81	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-368	CAMDEN CITY WD-DELAIR 1	15SEP82	<1.0	<1.0	<1.0	<1.0	1	<1.0	<1.0	<1.0
7-369	CAMDEN CITY WD-DELAIR 2	15SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	2	<1.0	<1.0
7-370	CAMDEN CITY WD-DELAIR 3	15SEP82	<1.0	<1.0	<1.0	1	<1.0	<1.0	<1.0	<1.0
7-372	MERCH-PENN WCOM-NAT HY 1	10JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-373	CAMDEN CITY WD-MORRIS 6	22JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-373	CAMDEN CITY WD-MORRIS 6	27JUL81	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-379	CAMDEN CITY WD-MORRIS 10	21JUL80	5	<1.0	<1.0	-	<1.0	-	-	<1.0
7-379	CAMDEN CITY WD-MORRIS 10	27JUL81	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-386	CAMDEN CITY WD-MORRIS 3A	27JUL81	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-386	CAMDEN CITY WD-MORRIS 3A	12JUL82	<1.0	<1.0	<1.0	<1.0	<1.0	10	<1.0	<1.0
7-398	PINE HILL MUA 2-1972	16SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-410	NEW JERSEY WC-SOMRDAL 14	26AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-426	NEW JERSEY WC-VOORHES 21	26AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-476	USGS-NEW BROOKLN PK 1 OB	17NOV82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-477	USGS-NEW BROOKLN PK 2 OB	07DEC82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-517	BROOKLAWN BORO WD 4-67	27AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-527	CAMDEN CITY WD-CITY 18	29OCT82	<1.0	6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-528	CAMDEN CITY WD-PUCHACK 7	13JUL82	<1.0	<1.0	<1.0	<1.0	15	<1.0	<1.0	<1.0
7-535	CAMDEN CITY WD-TW 1 1979	28JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-541	CAMDEN CITY WD-TW 8 1979	28JUL80	<1.0	10	<1.0	-	5	-	-	<1.0
7-541	CAMDEN CITY WD-TW 8 1979	09SEP82	<1.0	<1.0	7	<1.0	11	<1.0	<1.0	<1.0
7-545	CAMDEN CITY WD-MORRIS 11	12JUL82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-555	PENLER ANODIZING CO 1	01JUL80	<1.0	15	<1.0	-	<1.0	-	-	<1.0
7-555	PENLER ANODIZING CO 1	07OCT81	4	<1.0	<1.0	<1.0	120	<1.0	<1.0	<1.0
7-559	MEADOWBROOK SWIM CLUB	01JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-560	MERCH-PENN WCOM-WDBINE 2	10JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-560	MERCH-PENN WCOM-WDBINE 2	27OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

TABLE 6.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR TOTAL VOLATILE ORGANIC COMPOUNDS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Methylene Chloride	Tetra-chloro-ethylene	1,1,1-Tri-chloro-ethane	1,1,2-Tri-chloro-ethane	Trichloro-ethylene	Toluene	Vinyl Chloride	1,2-Dichloro-propane
7-193	CRESCENT TRAILER PK 1	07JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-194	NJ ZINC CO 4-DEEP	03JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-194	NJ ZINC CO 4-DEEP	16SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-195	NJ ZINC CO 5-DEEP	03JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-210	GLOUCESTER CITY WD 42	07JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-221	USGS-GLOUC CTY CG BASE 1	23JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-249	GARDEN ST WC-BLACKWOOD 3	25AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-252	GARDEN ST WC-BLACKWOOD 6	25AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-273	NEW JERSEY WC-OTTERBK 29	22AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-274	NEW JERSEY WC-OTTERBK 39	22AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-274	NEW JERSEY WC-OTTERBK 39	07OCT81	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-278	NEW JERSEY WC-HADDON 15	22AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-278	NEW JERSEY WC-HADDON 15	25AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-279	NEW JERSEY WC-HADDON 30	22AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-279	NEW JERSEY WC-HADDON 30	25AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-293	HADDON TWP HIGH SCH 1	03JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-293	HADDON TWP HIGH SCH 1	15OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-299	HADDONFLD BORO WD-LAYN 2	09JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-302	HADDONFLD BORO WD-RULON	09JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-304	HADDONFLD BORO WD-LAKE ST	09JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-315	NEW JERSEY WC-MAGNOLIA16	22AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-315	NEW JERSEY WC-MAGNOLIA16	25AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-316	NEW JERSEY WC-MAGNOLIA33	22AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-316	NEW JERSEY WC-MAGNOLIA33	25AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-320	MERCH-PENN WCOM-WDBINE 1	27OCT82	<1.0	11	<1.0	<1.0	9	<1.0	<1.0	<1.0
7-322	NEW JERSEY WC-OAKLYN OBS	22AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-323	STEVENS AND STEVENS 1	01JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-329	MERCH-PENN WCOM-BROWN 2A	10JUL80	<1.0	16	<1.0	-	<1.0	<1.0	-	-
7-329	MERCH-PENN WCOM-BROWN 2A	30JUL80	<1.0	12	<1.0	-	<1.0	<1.0	-	-
7-329	MERCH-PENN WCOM-BROWN 2A	27OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-335	MERCH-PENN WCOM-MARION 1	11JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-339	PREDCO PREC PANELS	05SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-341	MERCH-PENN WCOM-DEL GN 2	10JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-350	MERCH-PENN WCOM-PARK 2	10JUL80	<1.0	<1.0	<1.0	-	119	<1.0	-	-
7-350	MERCH-PENN WCOM-PARK 2	30JUL80	<1.0	<1.0	<1.0	-	146	<1.0	-	-
7-350	MERCH-PENN WCOM-PARK 2	27OCT82	<1.0	<1.0	<1.0	<1.0	150	<1.0	<1.0	<1.0
7-354	PETTY ISLAND OBS	19NOV80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-363	CAMDEN CITY WD-PUCHACK 2	15SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-366	CAMDEN CITY WD-PUCHACK 1	13JUL82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-367	CAMDEN CITY WD-PUCHACK 3	21JUL80	<1.0	<1.0	<1.0	-	14	<1.0	-	-
7-367	CAMDEN CITY WD-PUCHACK 3	27JUL81	<1.0	5	<1.0	-	11	<1.0	-	-
7-368	CAMDEN CITY WD-DELAIR 1	22JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-368	CAMDEN CITY WD-DELAIR 1	27JUL81	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-368	CAMDEN CITY WD-DELAIR 1	15SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-369	CAMDEN CITY WD-DELAIR 2	15SEP82	<1.0	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-370	CAMDEN CITY WD-DELAIR 3	15SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-372	MERCH-PENN WCOM-NAT HY 1	10JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-373	CAMDEN CITY WD-MORRIS 6	22JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-373	CAMDEN CITY WD-MORRIS 6	27JUL81	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-379	CAMDEN CITY WD-MORRIS 10	21JUL80	<1.0	<1.0	<1.0	-	<1.0	6	-	-
7-379	CAMDEN CITY WD-MORRIS 10	27JUL81	<1.0	<1.0	<1.0	-	2	<1.0	-	-
7-386	CAMDEN CITY WD-MORRIS 3A	27JUL81	<1.0	<1.0	<1.0	-	3	<1.0	-	-
7-386	CAMDEN CITY WD-MORRIS 3A	12JUL82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-398	PINE HILL MUA 2-1972	16SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-410	NEW JERSEY WC-SOMRDAL 14	26AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-426	NEW JERSEY WC-VOORHES 21	26AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-476	USGS-NEW BROOKLN PK 1 OB	17NOV82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-477	USGS-NEW BROOKLN PK 2 OB	07DEC82	<1.0	<1.0	40	<1.0	<1.0	<1.0	<1.0	<1.0
7-517	BROOKLAWN BORO WD 4-67	27AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-527	CAMDEN CITY WD-CITY 18	29OCT82	<1.0	14	<1.0	<1.0	20	<1.0	<1.0	<1.0
7-528	CAMDEN CITY WD-PUCHACK 7	13JUL82	<1.0	<1.0	<1.0	<1.0	64	<1.0	<1.0	<1.0
7-535	CAMDEN CITY WD-TW 1 1979	28JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-541	CAMDEN CITY WD-TW 8 1979	28JUL80	<1.0	<1.0	<1.0	-	82	<1.0	-	-
7-541	CAMDEN CITY WD-TW 8 1979	09SEP82	<1.0	<1.0	<1.0	<1.0	74	<1.0	<1.0	<1.0
7-545	CAMDEN CITY WD-MORRIS 11	12JUL82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-555	PENLER ANODIZING CO 1	01JUL80	<1.0	23	8	-	14	<1.0	-	-
7-555	PENLER ANODIZING CO 1	07OCT81	<1.0	<1.0	<1.0	<1.0	<1.0	4	<1.0	<1.0
7-559	MEADOWBROOK SWIM CLUB	01JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-560	MERCH-PENN WCOM-WDBINE 2	10JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-560	MERCH-PENN WCOM-WDBINE 2	27OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

TABLE 6.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR TOTAL VOLATILE ORGANIC COMPOUNDS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Benzene	1,1-Di-chloro-ethane	1,2-Di-chloro-ethane	1,1-Dichloro-ethylene	1,2-trans-Dichloro-ethylene	Chloro-benzene	Ethyl-benzene	Carbon Tetra-chloride
7-562	NJDEP-HARRISON AVE 2	07AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-563	NJDEP-HARRISON AVE 3	08AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-566	NJDEP-HARRISON AVE 6	07AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-567	NJDEP-HARRISON AVE 7	07AUG80	3	<1.0	<1.0	-	<1.0	-	-	<1.0
7-568	PENNSAUKN LANDFILL MON 1	29OCT80	22	83	<1.0	-	<1.0	-	-	<1.0
7-571	PENNSAUKN LANDFILL MON 4	29OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-573	USGS-GLOUC CTY CG BASE 2	23JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-574	USGS-GLOUC CTY CG BASE 3	23JUL80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-575	BELL SUPPLY CO 1	25AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-586	CAMDEN CITY WD-MORRIS 12	27JUL81	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
7-586	CAMDEN CITY WD-MORRIS 12	13JUL82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-587	CAMDEN CITY WD-MORRIS 13	27JUL81	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 1	CLAYTON BORO WD 3	17SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15- 3	CLAYTON BORO WD 4	17SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15- 9	DEPTFORD TWP MUA 5-1971	02SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 16	DEPTFORD TWP MUA 1	02SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 24	DEPTFORD TWP MUA 4	02SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 28	E GREENWICH TWP WD 2	05SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 60	GLASSBORO BORO WD 3	17AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1	<1.0
15- 63	GLASSBORO BORO WD 4	17AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15- 69	GREENWICH TWP WD 3	18SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 69	GREENWICH TWP WD 3	22SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15- 72	EI DUPONT REPAUNO 3	12SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 72	EI DUPONT REPAUNO 3	29JUL81	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 76	HERCULES CHEM 4-1970	15SEP80	724	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 76	HERCULES CHEM 4-1970	04DEC80	1960	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 76	HERCULES CHEM 4-1970	29JUL81	424	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 76	HERCULES CHEM 4-1970	18NOV82	43000	<1.0	<1.0	<1.0	<1.0	<1.0	100	<1.0
15- 79	EI DUPONT REPAUNO 6	12SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 79	EI DUPONT REPAUNO 6	04DEC80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 79	EI DUPONT REPAUNO 6	29JUL81	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 79	EI DUPONT REPAUNO 6	24AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15- 81	EI DUPONT REPAUNO 5	12SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 81	EI DUPONT REPAUNO 5	04DEC80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 81	EI DUPONT REPAUNO 5	29JUL81	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 81	EI DUPONT REPAUNO 5	24AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15- 94	MOBIL OIL-GREENWICH 44	17SEP80	103	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 94	MOBIL OIL-GREENWICH 44	05DEC80	942	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 94	MOBIL OIL-GREENWICH 44	29JUL81	515	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 96	HERCULES CHEM-GIBB OBS 2	06DEC82	4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15- 97	HERCULES CHEM GIBB 8 OBS	03NOV82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15- 98	MOBIL OIL-GREENWICH 45	17SEP80	219	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 98	MOBIL OIL-GREENWICH 45	05DEC80	124	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 98	MOBIL OIL-GREENWICH 45	29JUL81	74	<1.0	<1.0	-	<1.0	-	-	<1.0
15- 98	MOBIL OIL-GREENWICH 45	11AUG82	40	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-109	MOBIL OIL-GREENWICH 41	11AUG82	160	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-118	MOBIL OIL-GREENWICH 47	17SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-118	MOBIL OIL-GREENWICH 47	29JUL81	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-118	MOBIL OIL-GREENWICH 47	11AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-129	SO JERSEY WS CO 1	27OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-129	SO JERSEY WS CO 1	22SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-131	CLEARVIEW HIGH SCHOOL 1	18SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-137	PURELAND WC 2 (3-1973)	26SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-139	PURELAND WC TW 3	26SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-143	PURELAND WC LANDTEC TW6C	30SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-146	PURELAND WC LANDTECT TW9	010CT80	<1.0	<1.0	<1.0	<1.0	<1.0	-	-	<1.0
15-159	MONSANTO CHEM EAST 1	23SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-159	MONSANTO CHEM EAST 1	19OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-161	MONSANTO CHEM OBS 1	20OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-163	MONSANTO CHEM OBS 3	28OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-166	PENNS GROVE WC-BRIDGPT 2	16SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-167	MONSANTO CHEM 3	23SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-167	MONSANTO CHEM 3	19OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-189	MANTUA MUA 2 (SEWELL 1)	04AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-191	MANTUA MUA 1 (SEWELL 2)	04AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-192	MANTUA MUA 5 (EDENWD 1)	11SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-193	MANTUA MUA 3 (MANT WC 2)	04AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-194	MANTUA MUA 4 (MANT WC3)	04AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-207	NATIONAL PARK BORO WD 2	09SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-210	PAULSBORO WD 6-73	11SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0

TABLE 6.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR TOTAL VOLATILE ORGANIC COMPOUNDS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Methylene Chloride	Tetra-chloro-ethylene	1,1,1-Tri-chloro-ethane	1,1,2-Tri-chloro-ethane	Trichloro-ethylene	Toluene	Vinyl Chloride	1,2-Dichloro-propane
7-562	NJDEP-HARRISON AVE 2	07AUG80	<1.0	<1.0	<1.0	-	<1.0	6	-	-
7-563	NJDEP-HARRISON AVE 3	08AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-566	NJDEP-HARRISON AVE 6	07AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-567	NJDEP-HARRISON AVE 7	07AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-568	PENNSAUKN LANDFILL MON 1	29OCT80	5	13	<1.0	-	17	4	-	-
7-571	PENNSAUKN LANDFILL MON 4	29OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-573	USGS-GLOUC CTY CG BASE 2	23JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-574	USGS-GLOUC CTY CG BASE 3	23JUL80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-575	BELL SUPPLY CO 1	25AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-586	CAMDEN CITY WD-MORRIS 12	27JUL81	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
7-586	CAMDEN CITY WD-MORRIS 12	13JUL82	8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7-587	CAMDEN CITY WD-MORRIS 13	27JUL81	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15- 1	CLAYTON BORO WD 3	17SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15- 3	CLAYTON BORO WD 4	17SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15- 9	DEPTFORD TWP MUA 5-1971	02SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15- 16	DEPTFORD TWP MUA 1	02SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15- 24	DEPTFORD TWP MUA 4	02SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15- 28	E GREENWICH TWP WD 2	05SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15- 60	GLASSBORO BORO WD 3	17AUG82	<1.0	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15- 63	GLASSBORO BORO WD 4	17AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15- 69	GREENWICH TWP WD 3	18SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15- 69	GREENWICH TWP WD 3	22SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15- 72	EI DUPONT REPAUNO 3	12SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15- 72	EI DUPONT REPAUNO 3	29JUL81	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15- 76	HERCULES CHEM 4-1970	15SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15- 76	HERCULES CHEM 4-1970	04DEC80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15- 76	HERCULES CHEM 4-1970	29JUL81	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15- 76	HERCULES CHEM 4-1970	18NOV82	5	<1.0	<1.0	<1.0	<1.0	18	<1.0	<1.0
15- 79	EI DUPONT REPAUNO 6	12SEP80	<1.0	44	<1.0	-	<1.0	<1.0	-	-
15- 79	EI DUPONT REPAUNO 6	04DEC80	<1.0	38	<1.0	-	1	<1.0	-	-
15- 79	EI DUPONT REPAUNO 6	29JUL81	<1.0	22	<1.0	-	6	<1.0	-	-
15- 79	EI DUPONT REPAUNO 6	24AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15- 81	EI DUPONT REPAUNO 5	12SEP80	<1.0	27	<1.0	-	<1.0	<1.0	-	-
15- 81	EI DUPONT REPAUNO 5	04DEC80	<1.0	40	<1.0	-	1	<1.0	-	-
15- 81	EI DUPONT REPAUNO 5	29JUL81	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15- 81	EI DUPONT REPAUNO 5	24AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15- 94	MOBIL OIL-GREENWICH 44	17SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15- 94	MOBIL OIL-GREENWICH 44	05DEC80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15- 94	MOBIL OIL-GREENWICH 44	29JUL81	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15- 96	HERCULES CHEM-GIBB OBS 2	06DEC82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15- 97	HERCULES CHEM GIBB 8 OBS	03NOV82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15- 98	MOBIL OIL-GREENWICH 45	17SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15- 98	MOBIL OIL-GREENWICH 45	05DEC80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15- 98	MOBIL OIL-GREENWICH 45	29JUL81	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15- 98	MOBIL OIL-GREENWICH 45	11AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-109	MOBIL OIL-GREENWICH 41	11AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-118	MOBIL OIL-GREENWICH 47	17SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-118	MOBIL OIL-GREENWICH 47	29JUL81	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-118	MOBIL OIL-GREENWICH 47	11AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-129	SO JERSEY WS CO 1	27OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-129	SO JERSEY WS CO 1	22SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-131	CLEARVIEW HIGH SCHOOL 1	18SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-137	PURELAND WC 2 (3-1973)	26SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-139	PURELAND WC TW 3	26SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-143	PURELAND WC LANDTEC TW6C	30SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-146	PURELAND WC LANDTECT TW9	01OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-159	MONSANTO CHEM EAST 1	23SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-159	MONSANTO CHEM EAST 1	19OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-161	MONSANTO CHEM OBS 1	20OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-163	MONSANTO CHEM OBS 3	28OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-166	PENNS GROVE WC-BRIDGPT 2	16SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-167	MONSANTO CHEM 3	23SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-167	MONSANTO CHEM 3	19OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-189	MANTUA MUA 2 (SEWELL 1)	04AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-191	MANTUA MUA 1 (SEWELL 2)	04AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-192	MANTUA MUA 5 (EDENWD 1)	11SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-193	MANTUA MUA 3 (MANT WC 2)	04AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-194	MANTUA MUA 4 (MANT WC3)	04AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-207	NATIONAL PARK BORO WD 2	09SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-210	PAULSBORO WD 6-73	11SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-

TABLE 6.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR TOTAL VOLATILE ORGANIC COMPOUNDS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Benzene	1,1-Di-chloro-ethane	1,2-Di-chloro-ethane	1,1-Dichloro-ethylene	1,2-trans-Dichloro-ethylene	Chloro-benzene	Ethyl-benzene	Carbon Tetra-chloride
15-212	PAULSBORO WD 4-51	11SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-213	PAULSBORO WD 5-57	11SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-220	ESSEX CHEM-OLIN 1-1954	13OCT81	50	<1.0	<1.0	<1.0	50	<1.0	<1.0	<1.0
15-231	MARINO, H	20OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-236	SWEDESBORO BORO WD 3	10SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-240	DEL MONTE CORP 9	10SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-248	WASHINGTON TWP MUA 5-73	18AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-253	WASHINGTON TWP MUA 6-64	18AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-261	WASHINGTON TWP MUA 1	13AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-267	WASHINGTON TWP MUA 3	13AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-274	WENONAH BORO WD 1	04AUG80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-276	W DEPTFORD TWP WD 4	26AUG80	4	<1.0	<1.0	-	<1.0	-	-	<1.0
15-276	W DEPTFORD TWP WD 4	13OCT81	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-282	W DEPTFORD TWP WD 5	10DEC80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-284	SHELL CHEM CO 4	24SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-308	PENWALT CORP TW 8	18SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-312	W DEPTFORD TWP WD 6	18AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-314	TEXACO EAGLE PT 6-PROD	09AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-317	TEXACO EAGLE PT 7	09SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-320	TEXACO EAGLE PT 1	09SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-321	TEXACO EAGLE PT 5	09SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-321	TEXACO EAGLE PT 5	09AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-323	TEXACO EAGLE PT 3-OBS	07SEP82	<1.0	<1.0	5	<1.0	<1.0	<1.0	<1.0	<1.0
15-323	TEXACO EAGLE PT 3-OBS	07SEP82	<1.0	<1.0	4	<1.0	<1.0	<1.0	<1.0	<1.0
15-324	TEXACO EAGLE PT 4-OBS	19NOV82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-326	WESTVILLE BORO WD 5	17SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-327	WESTVILLE BORO WD 4	02SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-327	WESTVILLE BORO WD 4	10SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-331	WOODBURY WD RAILROAD 5	10DEC80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-332	WOODBURY WD-PARK LOT 3	27AUG80	5	<1.0	<1.0	-	<1.0	-	-	<1.0
15-332	WOODBURY WD-PARK LOT 3	13OCT81	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-334	MACCARONE, J	20OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-337	MAUGERI, SAL	14OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-340	CATALANO, F	20OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-342	DEL MONTE CORP 10	10SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-345	MUSUMECI, P	27OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-347	GREENWICH TWP WD 5	10DEC80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-347	GREENWICH TWP WD 5	22SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-348	GREENWICH TWP WD 6	18SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-349	PURELAND WC LANDTECT 2	01OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-350	PURELAND WC LANDTECT 1	30SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-354	ROLLINS ENVIR DP2	31OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-355	E GREENWICH TWP WD 3	05SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-357	EI DUPONT REPAUNO 7 OBS	16NOV82	980	7	4	<1.0	<1.0	380	<1.0	<1.0
15-361	GLASSBORO BORO WD 5	17AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-366	CIANCIULLI, TIMOTHY	17NOV80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-366	CIANCIULLI, TIMOTHY	13OCT81	<1.0	<1.0	<1.0	-	<1.0	<1.0	<1.0	<1.0
15-373	W DEPTFORD TWP MUA 7	18AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-374	DEPTFORD TWP MUA 6	02SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-380	MONSANTO CHEM OBS 2	28OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-387	ROLLINS ENVIR DP1	31OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-388	ROLLINS ENVIR DP3	31OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-390	GLOUCESTER CO SEW AUTH 1	25SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-392	NJ TPK AUTH-MAINT S-1-64	08SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-395	REPAUPO FIRE CO 30-1972	24SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-399	ALLIED ENERGY 1 1977	15SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-409	LOGAN TWP MUA 1	09OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-410	TEXACO EAGLE PT 4A	09SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-410	TEXACO EAGLE PT 4A	09AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-417	S&S AUCTION HOUSE 1 1978	25SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
15-434	WESTVILLE BORO WD 6	17SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-439	ESSEX CHEM-OLIN 2-1970	08OCT80	131	15	<1.0	-	<1.0	-	-	<1.0
15-439	ESSEX CHEM-OLIN 2-1970	23JUL82	71	<1.0	<1.0	<1.0	38	170	9	<1.0
21- 39	STAUFFER CHEM CO 1	04JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
21- 44	BORDENTOWN WD-WH 1	04JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
21- 92	CHAMPALE INC-YARDSIDE	04JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
21-147	PUB SERV E-G-DUCK ISL 1	09JUN80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33- 67	EI DUPONT-COURSE LAND P1	15OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33- 69	NJ TPKE SERV AREA 1N-1	08SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33- 74	OLDSMANS TWP WD 1	03OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0

TABLE 6.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR TOTAL VOLATILE ORGANIC COMPOUNDS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Methylene Chloride	Tetra-chloro-ethylene	1,1,1-Tri-chloro-ethane	1,1,2-Tri-chloro-ethane	Trichloro-ethylene	Toluene	Vinyl Chloride	1,2-Dichloro-propane
15-212	PAULSBORO WD 4-51	11SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-213	PAULSBORO WD 5-57	11SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-220	ESSEX CHEM-OLIN 1-1954	13OCT81	<1.0	10	10	<1.0	20	3	<1.0	<1.0
15-231	MARINO, H	20OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-236	SWEDESBORO BORO WD 3	10SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-240	DEL MONTE CORP 9	10SEP80	<1.0	<1.0	<1.0	-	<1.0	4	-	-
15-248	WASHINGTON TWP MUA 5-73	18AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-253	WASHINGTON TWP MUA 6-64	18AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-261	WASHINGTON TWP MUA 1	13AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-267	WASHINGTON TWP MUA 3	13AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-274	WENONAH BORO WD 1	04AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-276	W DEPTFORD TWP WD 4	26AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-276	W DEPTFORD TWP WD 4	13OCT81	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-282	W DEPTFORD TWP WD 5	10DEC80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-284	SHELL CHEM CO 4	24SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-308	PENWALT CORP TW 8	18SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-312	W DEPTFORD TWP WD 6	18AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-314	TEXACO EAGLE PT 6-PROD	09AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-317	TEXACO EAGLE PT 7	09SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-320	TEXACO EAGLE PT 1	09SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-321	TEXACO EAGLE PT 5	09SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-321	TEXACO EAGLE PT 5	09AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-323	TEXACO EAGLE PT 3-OBS	07SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-323	TEXACO EAGLE PT 3-OBS	07SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-324	TEXACO EAGLE PT 4-OBS	19NOV82	6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-326	WESTVILLE BORO WD 5	17SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-327	WESTVILLE BORO WD 4	02SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-327	WESTVILLE BORO WD 4	10SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-331	WOODBURY WD RAILROAD 5	10DEC80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-332	WOODBURY WD-PARK LOT 3	27AUG80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-332	WOODBURY WD-PARK LOT 3	13OCT81	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-334	MACCARONE, J	20OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-337	MAUGERI, SAL	14OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-340	CATALANO, F	20OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-342	DEL MONTE CORP 10	10SEP80	<1.0	<1.0	<1.0	-	<1.0	3	-	-
15-345	MUSUMECI, P	27OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-347	GREENWICH TWP WD 5	10DEC80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-347	GREENWICH TWP WD 5	22SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-348	GREENWICH TWP WD 6	18SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-349	PURELAND WC LANDTECT 2	01OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-350	PURELAND WC LANDTECT 1	30SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-354	ROLLINS ENVIR DP2	31OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-355	E GREENWICH TWP WD 3	05SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-357	EI DUPONT REPAUNO 7 OBS	16NOV82	<1.0	77	<1.0	<1.0	86	9	<1.0	<1.0
15-361	GLASSBORO BORO WD 5	17AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-366	CIANCIULLI, TIMOTHY	17NOV80	<1.0	<1.0	<1.0	-	<1.0	2	-	-
15-366	CIANCIULLI, TIMOTHY	13OCT81	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-373	W DEPTFORD TWP MUA 7	18AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-374	DEPTFORD TWP MUA 6	02SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-380	MONSANTO CHEM OBS 2	28OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-387	ROLLINS ENVIR DP1	31OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-388	ROLLINS ENVIR DP3	31OCT80	<1.0	<1.0	<1.0	-	3	<1.0	-	-
15-390	GLOUCESTER CO SEW AUTH 1	25SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-392	NJ TPK AUTH-MAINT S-1-64	08SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-395	REPAUPO FIRE CO 30-1972	24SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-399	ALLIED ENERGY 1 1977	15SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-409	LOGAN TWP MUA 1	09OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-410	TEXACO EAGLE PT 4A	09SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-410	TEXACO EAGLE PT 4A	09AUG82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-417	S&S AUCTION HOUSE 1 1978	25SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
15-434	WESTVILLE BORO WD 6	17SEP82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
15-439	ESSEX CHEM-OLIN 2-1970	08OCT80	22	15	<1.0	-	23	10	-	-
15-439	ESSEX CHEM-OLIN 2-1970	23JUL82	19	56	<1.0	<1.0	33	8	<1.0	<1.0
21- 39	STAUFFER CHEM CO 1	04JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
21- 44	BORDENTOWN WD-WH 1	04JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
21- 92	CHAMPALE INC-YARDSIDE	04JUN80	<1.0	<1.0	<1.0	-	9	<1.0	-	-
21-147	PUB SERV E-G-DUCK ISL 1	09JUN80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33- 67	EI DUPONT-COURSE LAND P1	15OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33- 69	NJ TPKE SERV AREA 1N-1	08SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33- 74	OLDSMANS TWP WD 1	03OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-

TABLE 6.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR TOTAL VOLATILE ORGANIC COMPOUNDS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Benzene	1,1-Di-chloro-ethane	1,2-Di-chloro-ethane	1,1-Dichloro-ethylene	1,2-trans-Dichloro-ethylene	Chloro-benzene	Ethyl-benzene	Carbon Tetra-chloride
33- 76	DAWSON, H W	20OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33- 80	AIRCO INDUSTRIAL GASES 1	03OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33- 83	BF GOODRICH CO 9	09OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33- 83	BF GOODRICH CO 9	21OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33- 85	BF GOODRICH CO 6	09OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33- 85	BF GOODRICH CO 6	21OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33- 86	BF GOODRICH CO 4	09OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33- 86	BF GOODRICH CO 4	21OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-103	PENNS GROVE SEW AUTH 1	22SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-106	LINSKI, ALEX 2-1962	10OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-108	US ARMY-FINNS PT CEM	10OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-108	US ARMY-FINNS PT CEM	15OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-112	PENNSVILLE TWP WD 4	02OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-112	PENNSVILLE TWP WD 4	08OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-117	PENNSVILLE TWP WD 3	02OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-117	PENNSVILLE TWP WD 3	08OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-118	PENNSVILLE TWP WD 1	02OCT80	2	<1.0	<1.0	-	<1.0	-	-	<1.0
33-118	PENNSVILLE TWP WD 1	13OCT81	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-118	PENNSVILLE TWP WD 1	08OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-119	PENNSVILLE TWP WD 2	02OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-119	PENNSVILLE TWP WD 2	08OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-122	ATL CITY EL-DEEPWATER 3R	22SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-122	ATL CITY EL-DEEPWATER 3R	12OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-125	ATL CITY EL-DEEPWATER 5	12OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-126	EI DUPONT-RANNEY 7	21OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-127	ATL CITY EL-DEEPWATER 6	22SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-127	ATL CITY EL-DEEPWATER 6	12OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-137	EI DUPONT-DRINKWATER 8	15OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-147	SALEM CO OFFICE BLDG 1	14OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-163	RICHMAN ICE CREAM 1	16SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-163	RICHMAN ICE CREAM 1	15OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-198	DUBOIS BROTHERS IRR 74	16SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-251	USGS-SALEM 1 OBS	22NOV82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-253	USGS-SALEM 3 OBS	22NOV82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-305	EI DUPONT-COURSE LAND P3	15OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-322	EI DUPONT-CARNEY PT 2	15OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-322	EI DUPONT-CARNEY PT 2	16NOV82	8	<1.0	<1.0	<1.0	<1.0	12	<1.0	<1.0
33-345	PENNS GROVE WC 2B	23SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-345	PENNS GROVE WC 2B	12OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-346	PENNS GROVE WC-LAYNE 1	23SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-346	PENNS GROVE WC-LAYNE 1	12OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-354	WOODSTOWN BORO WD 2	06OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-360	PENNSVILLE T WD 5	02OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-361	PENNS GROVE WC-LAYTN1-79	23SEP80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-362	WOODSTOWN BORO WD 3	06OCT80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0
33-364	PSEG-SALEM NUC.GEN STA 5	22OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-420	NL INDUSTRIES MON 9R2	21NOV80	<1.0	<1.0	<1.0	-	<1.0	-	-	<1.0

TABLE 6.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR TOTAL VOLATILE ORGANIC COMPOUNDS--Continued.

[Concentrations in micrograms per liter.]

Well Number	Local Well Identifier	Date of Sample	Methylene Chloride	Tetra-chloro-ethylene	1,1,1-Tri-chloro-ethane	1,1,2-Tri-chloro-ethane	Trichloro-ethylene	Toluene	Vinyl Chloride	1,2-Dichloro-propane
33- 76	DAWSON, H W	20OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33- 80	AIRCO INDUSTRIAL GASES 1	03OCT80	<1.0	<1.0	<1.0	-	3	<1.0	-	-
33- 83	BF GOODRICH CO 9	09OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33- 83	BF GOODRICH CO 9	21OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33- 85	BF GOODRICH CO 6	09OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33- 85	BF GOODRICH CO 6	21OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33- 86	BF GOODRICH CO 4	09OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33- 86	BF GOODRICH CO 4	21OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-103	PENNS GROVE SEW AUTH 1	22SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-106	LINSKI, ALEX 2-1962	10OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-108	US ARMY-FINNS PT CEM	10OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-108	US ARMY-FINNS PT CEM	15OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-112	PENNSVILLE TWP WD 4	02OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-112	PENNSVILLE TWP WD 4	08OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-117	PENNSVILLE TWP WD 3	02OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-117	PENNSVILLE TWP WD 3	08OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-118	PENNSVILLE TWP WD 1	02OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-118	PENNSVILLE TWP WD 1	13OCT81	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-118	PENNSVILLE TWP WD 1	08OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-119	PENNSVILLE TWP WD 2	02OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-119	PENNSVILLE TWP WD 2	08OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-122	ATL CITY EL-DEEPWATER 3R	22SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-122	ATL CITY EL-DEEPWATER 3R	12OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-125	ATL CITY EL-DEEPWATER 5	12OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-126	EI DUPONT-RANNEY 7	21OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-127	ATL CITY EL-DEEPWATER 6	22SEP80	<1.0	<1.0	<1.0	-	<1.0	3	-	-
33-127	ATL CITY EL-DEEPWATER 6	12OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-137	EI DUPONT-DRINKWATER 8	15OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-147	SALEM CO OFFICE BLDG 1	14OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-163	RICHMAN ICE CREAM 1	16SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-163	RICHMAN ICE CREAM 1	15OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-198	DUBOIS BROTHERS IRR 74	16SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-251	USGS-SALEM 1 OBS	22NOV82	7	<1.0	17	<1.0	<1.0	17	<1.0	<1.0
33-253	USGS-SALEM 3 OBS	22NOV82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-305	EI DUPONT-COURSE LAND P3	15OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-322	EI DUPONT-CARNEY PT 2	15OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-322	EI DUPONT-CARNEY PT 2	16NOV82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-345	PENNS GROVE WC 2B	23SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-345	PENNS GROVE WC 2B	12OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-346	PENNS GROVE WC-LAYNE 1	23SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-346	PENNS GROVE WC-LAYNE 1	12OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-354	WOODSTOWN BORO WD 2	06OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-360	PENNSVILLE T WD 5	02OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-361	PENNS GROVE WC-LAYTN1-79	23SEP80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-362	WOODSTOWN BORO WD 3	06OCT80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-
33-364	PSEG-SALEM NUC GEN STA 5	22OCT82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
33-420	NL INDUSTRIES MON 9R2	21NOV80	<1.0	<1.0	<1.0	-	<1.0	<1.0	-	-

TABLE 7.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED CHLORIDE AND SPECIFIC CONDUCTANCE.

Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)
				5- 39 NJ WC-DEL VALLEY WC 15							
20APR54	-	-	10	24APR62	198	-	10	22NOV66	260	-	14
14SEP54	206	-	9.8	01OCT62	225	-	11	17APR67	-	-	9.0
24MAR55	211	-	9.5	12APR63	231	-	9.9	29MAR68	462	-	12
08SEP55	211	-	11	13AUG63	208	-	9.7	16APR69	210	-	11
11APR56	208	-	9.7	16APR64	197	-	9.0	24AUG69	310	-	12
30AUG56	224	-	11	12SEP64	195	-	9.0	30JUN80	-	207	12
27MAR57	227	-	13	02MAR65	210	-	12	17DEC82	190	205	12
03SEP57	215	-	11	10JUN65	210	-	11				
				5- 40 NJ WC-DEL VALLEY WC 16							
11APR56	201	-	9.0	03SEP57	217	-	9.2	29MAR68	253	-	12
30AUG56	207	-	8.0	24APR62	301	-	14				
				5- 41 NJ WC-DEL VALLEY WC 2							
03JUL53	-	-	4.2	27MAR57	180	-	7.6	07APR60	199	-	7.0
20APR54	-	-	6.0	03SEP57	215	-	9.7	22AUG60	187	-	5.8
14SEP54	-	-	15	11APR58	193	-	7.0	06APR61	213	-	7.5
24MAR55	162	-	6.5	28AUG58	203	-	7.5	29AUG61	198	-	6.2
08SEP55	240	-	12	10APR59	211	-	7.5				
30AUG56	178	-	6.4	01SEP59	234	-	8.2				
				5- 51 BURLINGTON CITY WD 3							
08NOV49	-	-	32	27MAR57	326	-	22	13AUG63	313	-	22
09NOV49	-	-	32	03SEP57	315	-	20	16APR64	303	-	18
24MAY51	318	-	20	11APR58	294	-	20	12SEP64	300	-	18
19MAY52	313	-	20	28AUG58	300	-	22	02MAR65	315	-	21
31MAR53	-	-	16	10APR59	304	-	23	10JUN65	335	-	24
09SEP53	-	-	12	01SEP59	314	-	22	22NOV66	314	-	20
20APR54	-	-	19	07APR60	287	-	20	28AUG67	317	-	20
14SEP54	-	-	18	22AUG60	297	-	22	29MAR68	326	-	16
24MAR55	344	-	32	06APR61	281	-	22	24AUG69	331	-	18
08SEP55	334	-	21	24APR62	285	-	21	15JUL70	327	-	19
11APR56	324	-	21	01OCT62	305	-	20	12JUN80	-	317	18
30AUG56	321	-	22	12APR63	356	-	20				
				5-190 FLORENCE TWP WD 1							
03MAY51	-	-	8.0	03SEP57	144	-	8.4	30APR64	44	-	2.5
23SEP52	67	-	9.2	11APR58	117	-	7.7	12SEP64	55	-	2.5
31MAR53	-	-	4.3	28AUG58	116	-	8.5	02MAR65	60	-	5.4
09SEP53	-	-	22	10APR59	74	-	5.6	10JUN65	58	-	4.9
20APR54	-	-	8.0	01SEP59	122	-	7.9	22NOV66	162	-	14
14SEP54	-	-	10	07APR60	51	-	3.7	17APR67	-	-	6.4
24MAR55	132	-	8.5	22AUG60	32	-	2.4	28AUG67	41	-	2.9
08SEP55	142	-	9.5	06APR61	152	-	9.0	29MAR68	72	-	5.6
11APR56	62	-	4.8	01OCT62	141	-	8.8	24AUG69	60	-	4.8
30AUG56	145	-	9.0	12APR63	53	-	2.6				
27MAR57	71	-	5.0	13AUG63	52	-	3.8				
				5-330 US ARMY-FT DIX 4							
20NOV43	-	-	1.9	08JUL53	138	-	3.8	24MAY66	136	-	3.7
28MAY51	135	-	2.2	06JUL54	148	-	2.3	19FEB68	145	-	4.7
05JUN51	132	-	2.0	18JUN59	134	-	1.4				
				5-331 US ARMY-FT DIX 1							
20NOV43	-	-	1.6	08JUL53	140	-	4.0	19JUN59	137	-	1.8
28MAY51	136	-	2.0	06JUL54	133	-	9.0	24MAY66	141	-	2.1
05JUN51	121	-	1.9	18JUN59	185	-	1.6	08JUL69	135	-	1.6

TABLE 7.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED CHLORIDE AND SPECIFIC CONDUCTANCE--Continued.

Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)
				5-335 US AIR FORCE-MCGUIRE D							
06FEB57	169	-	2.1	21MAR62	134	-	2.4	23MAY67	132	-	2.6
17JAN58	133	-	2.4	09OCT63	137	-	2.4	14MAY68	136	-	2.6
01MAR61	135	-	2.4	17MAR64	140	-	2.4	17JUN69	137	-	1.8
20NOV61	119	-	2.6	04MAY66	138	-	2.8	08JAN74	137	-	2.7
				5-336 US AIR FORCE-MCGUIRE C							
16MAR55	131	-	2.3	09OCT63	136	-	2.2	14MAY68	134	-	2.6
23MAR59	138	-	2.6	17MAR64	135	-	2.4	17JUN69	136	-	1.8
24FEB60	132	-	2.4	18MAR65	134	-	2.6	08JUN71	131	-	4.0
01MAR61	133	-	2.5	04MAY66	145	-	4.8	08JAN74	125	-	3.3
20NOV61	131	-	2.6	23MAY67	130	-	2.5				
				5-337 US AIR FORCE-MCGUIRE A							
16MAR55	141	-	4.5	20NOV61	138	-	5.2	14MAY68	139	-	5.1
06FEB57	179	-	5.2	09OCT63	140	-	4.8	17JUN69	144	-	3.8
17JAN58	138	-	5.3	17MAR64	143	-	4.6	08JUN71	138	-	4.3
23MAR59	142	-	5.6	18MAR65	140	-	4.6	08JAN74	142	-	5.2
24FEB60	141	-	5.2	04MAY66	141	-	4.6				
01MAR61	139	-	5.1	23MAY67	135	-	4.6				
				5-340 US AIR FORCE-MCGUIRE B							
09OCT63	117	-	2.5	25AUG66	110	-	2.7	08JUN71	114	-	5.5
17MAR64	126	-	3.6	23MAY67	112	-	2.4	08JAN74	113	-	2.9
18MAR65	114	-	2.2	14MAY68	113	-	2.6				
09AUG66	116	-	3.0	14MAY70	105	-	5.2				
				5-351 NJ WC-DEL VALLEY WC 1							
03MAY51	190	-	10	10APR59	184	-	9.0	30APR64	236	-	10
23SEP52	186	-	16	01SEP59	194	-	8.2	12SEP64	245	-	10
24MAR55	186	-	11	07APR60	192	-	8.5	02MAR65	235	-	9.4
08SEP55	181	-	10	22AUG60	191	-	7.9	10JUN65	260	-	14
11APR56	184	-	9.9	06APR61	209	-	8.7	21NOV66	-	-	12
30AUG56	183	-	9.2	23AUG61	238	-	10	28AUG67	237	-	12
27MAR57	188	-	10	24APR62	218	-	11	29MAR68	462	-	16
03SEP57	179	-	8.5	01OCT62	274	-	10	24AUG69	384	-	12
11APR58	189	-	10	12APR63	268	-	9.8				
28AUG58	219	-	11	13AUG63	213	-	10				
				7- 39 CAMDEN CITY WD-CITY 7N							
12FEB69	236	-	30	28AUG74	261	-	28	05NOV82	217	230	16
11MAR69	227	-	30	30JUL80	-	288	21				
				7- 40 CAMDEN CITY WD-CITY 7							
22DEC49	166	-	11	18NOV65	-	-	27	08DEC65	-	-	31
16FEB51	166	-	13	29NOV65	-	-	34				
				7- 41 CAMDEN CITY WD-CITY 7-28							
21NOV32	-	-	13								
				7- 46 CAMDEN CITY WD-CITY 11							
01SEP42	-	-	12	07DEC65	-	-	82	30JUL80	-	478	31
28NOV49	263	-	18	09DEC65	-	-	80	27JUL81	-	500	28
15FEB51	279	-	24	11MAR69	391	-	40	29OCT82	490	450	34
18NOV65	-	-	82	28AUG74	439	-	37				
29NOV65	-	-	84	09MAY75	-	258	37				

TABLE 7.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED CHLORIDE AND SPECIFIC CONDUCTANCE--Continued.

Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)
				7- 48 CAMDEN CITY WD-CITY 6N							
28NOV49	735	-	48	22AUG60	-	-	33	09JUL65	745	-	30
11APR58	-	-	40	31AUG61	752	-	32	24AUG66	702	-	29
27AUG58	-	-	39	24APR62	774	-	32	11MAR69	699	-	32
10APR59	-	-	39	02OCT62	805	-	31	02OCT73	750	-	65
01SEP59	-	-	36	13AUG63	765	-	30	28AUG74	905	-	119
07APR60	-	-	34	16APR64	778	-	30	05NOV82	3300	2850	1100
				7- 49 CAMDEN CITY WD-CITY 6-28							
21NOV32	-	-	72	12NOV35	-	-	74				
				7- 57 OUR LADY LORDS HOSP-STBY							
20MAR70	188	-	12	02OCT73	177	-	6.4	21SEP82	410	397	73
				7- 58 WEST JERSEY HOSPITAL 1							
20MAR70	744	-	98	09MAY75	-	968	94				
02OCT73	946	-	120	21SEP82	820	770	75				
				7- 61 CAMDEN CITY WD-CITY 4							
11JAN51	-	-	13	29NOV65	-	-	36	08OCT69	538	-	48
16FEB51	205	-	14	07DEC65	-	-	35	02OCT73	824	-	66
17NOV65	-	-	32	24AUG66	493	-	28	30JUL80	-	845	71
19NOV65	-	-	50	11MAR69	530	-	37	06JUL82	736	710	47
				7- 62 CAMDEN CITY WD-CITY 4-35							
28NOV49	-	-	12								
				7- 63 CAMDEN CITY WD-CITY 4-22							
08DEC26	-	-	25	21NOV32	-	-	37	12NOV35	-	-	32
				7- 64 CAMDEN CITY WD-CITY 17							
03AUG60	175	-	8.2	17NOV65	-	-	16	22DEC70	181	-	11
31AUG61	170	-	8.8	18NOV65	-	-	11	01MAY74	220	-	17
24APR62	167	-	7.8	22NOV65	-	-	12	28AUG74	234	-	18
02OCT62	173	-	8.0	24AUG66	170	-	9.1	09MAY75	-	253	19
12APR63	185	-	7.0	12FEB69	186	-	10	30JUL80	-	271	22
13AUG63	174	-	8.4	11MAR69	179	-	10	27JUL81	-	298	23
16APR64	170	-	8.2	08OCT69	183	-	12	29OCT82	296	288	28
				7- 65 CAMDEN CITY WD-CITY 2B							
11APR58	455	-	30	01SEP59	429	-	32				
27AUG58	414	-	30	30NOV65	-	-	79				
				7- 66 CAMDEN CITY WD-CITY 2A							
21NOV32	-	-	72	12NOV35	-	-	64	22DEC49	482	-	29
				7- 68 CAMDEN CITY WD-CITY 13							
11JAN51	291	-	19	06APR61	119	-	8.8	09DEC65	-	-	17
11APR58	113	-	8.0	31AUG61	118	-	10	24AUG66	162	-	16
27AUG58	123	-	8.1	24APR62	117	-	9.0	11MAR69	237	-	25
10APR59	148	-	8.8	12APR63	138	-	9.5	30JUL80	-	557	50
01SEP59	118	-	8.1	13AUG63	130	-	10	27JUL81	-	585	46
07APR60	123	-	8.3	17NOV65	-	-	16	06JUL82	621	640	50
03AUG60	-	-	8.2	22NOV65	-	-	20				
22AUG60	116	-	8.4	29NOV65	-	-	18				

TABLE 7.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED CHLORIDE AND SPECIFIC CONDUCTANCE--Continued.

Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)
				7- 70 CAMDEN CITY WD-CITY 3A							
17NOV65	-	-	48	08DEC65	-	-	50	15NOV82	596	595	46
19NOV65	-	-	36	11MAR69	577	-	41				
29NOV65	-	-	50	02OCT73	619	-	42				
				7- 71 CAMDEN CITY WD-CITY 3-34							
12NOV35	-	-	47	13NOV35	-	-	12	28NOV49	445	-	28
				7- 72 CAMDEN CITY WD-CITY 3-22							
08DEC26	-	-	51	21NOV32	-	-	46				
				7- 76 CAMDEN CITY WD-CITY 5-28							
21NOV32	-	-	26	12NOV35	-	-	29				
				7- 77 CAMDEN CITY WD-CITY 5-37							
16FEB51	-	-	30	07APR60	474	-	38				
10APR59	524	-	36	22AUG60	505	-	35				
				7- 78 CAMDEN CITY WD-CITY 5N							
01MAY64	293	-	28	12FEB69	441	-	41	31JUL80	-	394	34
09JUL65	404	-	34	10MAR69	435	-	40	27JUL81	-	365	20
17NOV65	-	-	41	08OCT69	428	-	46	06JUL82	380	380	33
24AUG66	398	-	36	28AUG74	372	-	39				
				7- 79 CAMDEN CITY WD-CITY 12							
22DEC49	265	-	29	28AUG74	244	-	25				
				7- 83 CAMDEN CITY WD-CITY 1A							
17NOV65	-	-	80	10MAR69	477	-	61	28AUG74	433	-	62
08DEC65	-	-	78	01JUN73	444	-	73	09MAY75	-	447	65
24AUG66	474	-	59	01MAY74	428	-	62				
				7- 84 CAMDEN CITY WD-CITY 1-22							
08DEC26	-	-	10	21NOV32	-	-	12	12NOV35	-	-	10
				7- 87 CAMDEN CITY WD-CITY 1-40							
28NOV49	306	-	36								
				7- 90 CAMDEN CITY WD-CITY 10							
12NOV35	-	-	12	17NOV65	-	-	20	07DEC65	-	-	64
28NOV49	295	-	17	19NOV65	-	-	24	09DEC65	-	-	66
16FEB51	303	-	22	23NOV65	-	-	26	24AUG66	493	-	28
03JUL53	327	-	34	29NOV65	-	-	66	12FEB69	491	-	55
16APR64	396	-	47	01DEC65	-	-	22	10MAR69	503	-	54
				7- 91 CAMDEN CITY WD-CITY 9							
10APR59	433	-	35	24APR62	504	-	44	17NOV65	-	-	46
01SEP59	453	-	36	02OCT62	580	-	42	29NOV65	-	-	60
07APR60	469	-	34	12APR63	621	-	46	07DEC65	-	-	56
22AUG60	453	-	36	13AUG63	594	-	44	24AUG66	433	-	54
06APR61	473	-	34	09JUL65	600	-	50				
31AUG61	519	-	38	20JUL65	618	-	55				

TABLE 7.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED CHLORIDE AND SPECIFIC CONDUCTANCE--Continued.

Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)
				7- 93 CAMDEN CITY WD-CITY 9-24							
12NOV35	-	-	44	03JUL53	361	-	14	08SEP55	352	-	30
11NOV49	274	-	12	15SEP53	-	-	19	30AUG56	353	-	34
13MAY52	329	-	13	20APR54	-	-	22	27MAR57	381	-	39
14OCT52	344	-	13	14SEP54	-	-	26	03SEP57	357	-	36
17APR53	-	-	14	24MAR55	371	-	32				
				7- 94 CAMDEN CITY WD-CITY 16							
18NOV65	-	-	36	10MAR69	520	-	26	09MAY75	-	775	68
07DEC65	-	-	39	01MAY74	662	-	59	31JUL80	-	1150	91
08DEC65	-	-	36	28AUG74	694	-	62				
				7- 95 CAMDEN CITY WD-CITY 14							
20APR54	-	-	10	11APR56	524	-	25	11APR58	546	-	30
14SEP54	-	-	15	30AUG56	563	-	27	27AUG58	548	-	33
24MAR55	523	-	20	27MAR57	571	-	29				
08SEP55	547	-	20	03SEP57	561	-	30				
				7-197 NJ ZINC CO 3-DEEP							
14MAY71	439	-	20	01JUN73	513	-	28	16SEP82	856	880	64
30JUN72	510	-	24	28MAR75	-	613	38				
11MAR69	325	-	21	07JUL80	-	250	21	28JUL81	-	233	18
				7-213 GLOUCESTER CITY WD 38							
22MAR51	201	-	5.8	11APR56	211	-	5.1	07APR60	225	-	5.9
14OCT52	-	-	5.6	30AUG56	209	-	5.2	22AUG60	225	-	6.7
17APR53	-	-	5.0	27MAR57	224	-	6.6	06APR61	224	-	5.6
15SEP53	-	-	17	03SEP57	213	-	6.0	31AUG61	263	-	8.6
21APR54	-	-	6.0	11APR58	202	-	4.4	24APR62	289	-	9.7
08SEP54	-	-	4.0	27AUG58	210	-	4.4	31AUG66	293	-	18
29MAR55	207	-	4.5	10APR59	216	-	6.0				
08SEP55	213	-	5.0	09SEP59	356	-	22				
				7-215 GLOUCESTER CITY WD 37							
22MAR51	329	-	27	11APR56	287	-	18	02AUG60	328	-	20
22MAY52	-	-	20	30AUG56	325	-	20	22AUG60	331	-	21
14OCT52	-	-	20	27MAR57	315	-	20	31AUG61	332	-	20
17APR53	-	-	20	03SEP57	322	-	19	24APR62	327	-	20
15SEP53	-	-	23	11APR58	311	-	18	02OCT62	338	-	20
21APR54	-	-	20	27AUG58	336	-	20	12APR63	342	-	20
08SEP54	-	-	18	10APR59	327	-	20	16APR64	313	-	22
29MAR55	328	-	20	09SEP59	320	-	20	09JUL65	313	-	22
08SEP55	334	-	21	07APR60	320	-	20	31AUG66	331	-	23
				7-220 GLOUCESTER CITY WD 40							
31AUG61	186	-	5.2	16APR64	226	-	8.5	11MAR69	278	-	17
02OCT62	219	-	4.8	09JUL65	225	-	9.0	28AUG74	347	-	24
12APR63	233	-	4.0	31AUG66	235	-	11	09MAY75	-	290	20
				7-221 USGS-GLOUC CTY CG BASE 1							
16JUN66	350	-	35	13JUL66	302	-	30	23JUL80	-	403	16
21JUN66	280	-	17	26JUN75	-	328	20	05JAN83	395	430	16
24JUN66	260	-	17	29APR76	-	355	17				

TABLE 7.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED CHLORIDE AND SPECIFIC CONDUCTANCE--Continued.

Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)
				7-252 GARDEN ST WC-BLACKWOOD 6							
14APR58	205	-	2.0	23AUG60	204	-	2.0	04APR63	202	-	2.2
27AUG58	203	-	1.9	07APR61	201	-	2.7	30AUG63	207	-	2.2
10APR59	203	-	2.4	30AUG61	203	-	2.2	25AUG80	-	197	1.3
02SEP59	203	-	2.8	19APR62	202	-	2.8				
06APR60	205	-	2.2	25SEP62	213	-	2.8				
				7-359 CAMDEN CITY WD-PUCHACK 5							
08DEC26	-	-	10	14AUG63	144	-	9.6	10MAR69	153	-	14
21NOV32	-	-	9.0	08MAY64	91	-	7.5	11JUN69	153	-	14
28NOV49	99	-	11	18NOV65	-	-	14	01MAY74	162	-	13
07AUG57	147	-	8.9	30NOV65	-	-	14	28AUG74	173	-	16
02OCT62	151	-	9.6	03DEC65	-	-	22				
				7-361 CAMDEN CITY WD-PUCHACK 4							
10MAY24	-	-	2.5	06FEB34	-	-	11	08MAY64	111	-	8.2
08DEC26	-	-	1.0	12NOV35	-	-	6.2	18NOV65	-	-	10
21NOV32	-	-	7.0	07NOV49	70	-	6.1	22NOV65	-	-	12
01MAY33	-	-	6.0	03JUL53	80	-	7.2	29NOV65	-	-	14
26JUN33	-	-	6.0	07JUL57	-	-	7.0	30AUG66	95	-	7.6
14AUG33	-	-	4.0	07AUG57	85	-	7.0	10MAR69	89	-	7.0
18OCT33	-	-	7.0	02OCT62	98	-	8.0	11JUN69	86	-	6.8
12NOV33	-	-	5.0	14AUG63	95	-	7.3				
				7-363 CAMDEN CITY WD-PUCHACK 2							
08DEC26	-	-	6.0	02OCT62	182	-	7.6	03DEC65	-	-	24
21NOV32	-	-	6.0	14AUG63	168	-	8.7	10MAR69	268	-	31
14AUG33	-	-	11	08MAY64	172	-	10	15SEP82	351	337	40
07NOV49	165	-	11	24NOV65	-	-	16				
07AUG57	183	-	11	29NOV65	-	-	16				
				7-366 CAMDEN CITY WD-PUCHACK 1							
27MAR24	-	-	3.0	07AUG57	212	-	11	12APR63	185	-	8.0
08DEC26	-	-	11	11APR58	218	-	12	14AUG63	171	-	8.9
21NOV32	-	-	12	28AUG58	229	-	10	08MAY64	188	-	9.8
01MAY33	-	-	10	10APR59	230	-	11	09JUL65	198	-	12
26JUN33	-	-	11	01SEP59	237	-	11	30AUG66	235	-	23
14AUG33	-	-	11	07APR60	240	-	12	10MAR69	238	-	20
18OCT33	-	-	8.0	22AUG60	223	-	14	11JUN69	245	-	27
21NOV33	-	-	15	06APR61	203	-	13	01MAY74	237	-	20
06FEB34	-	-	14	07SEP61	224	-	12	28AUG74	233	-	22
07NOV49	199	-	10	24APR62	192	-	12	09MAY75	-	219	18
03JUL53	198	-	10	02OCT62	181	-	9.2	13JUL82	285	280	23
				7-367 CAMDEN CITY WD-PUCHACK 3							
08DEC26	-	-	8.0	02OCT62	143	-	9.2	30NOV65	-	-	16
21NOV32	-	-	8.0	14AUG63	139	-	9.7	03DEC65	-	-	36
26JUN33	-	-	6.0	08MAY64	123	-	9.5	10MAR69	169	-	15
07NOV49	121	-	9.9	18NOV65	-	-	17	21JUL80	-	240	23
07AUG57	149	-	11	24NOV65	-	-	16	27JUL81	-	250	28
				7-368 CAMDEN CITY WD-DELAIR 1							
21NOV32	-	-	7.0	13AUG63	266	-	12	22JUL80	-	278	21
03JUL53	403	-	12	30AUG66	279	-	26	27JUL81	-	312	25
07AUG57	211	-	12	12FEB69	293	-	18	15SEP82	269	280	23
31AUG61	215	-	14	10MAR69	271	-	18	03JAN83	249	275	19
01OCT62	234	-	11	01MAY74	245	-	14				
12APR63	254	-	10	28AUG74	239	-	15				

TABLE 7.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED CHLORIDE AND SPECIFIC CONDUCTANCE--Continued.

Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)
				7-369 CAMDEN CITY WD-DELAIR 2							
21NOV32	-	-	8.0	24NOV65	-	-	36	08OCT69	262	-	20
07AUG57	267	-	10	02DEC65	-	-	34	09MAY75	-	290	27
13AUG63	229	-	11	30AUG66	228	-	22	15SEP82	267	294	30
18NOV65	-	-	30	10MAR69	259	-	14	03JAN83	235	270	23
				7-370 CAMDEN CITY WD-DELAIR 3							
21NOV32	-	-	10	14SEP54	-	-	6.8	01SEP59	394	-	18
01MAY33	-	-	10	24MAR55	336	-	11	31AUG61	215	-	14
26JUN33	-	-	9.0	08SEP55	420	-	20	13AUG63	170	-	6.9
14AUG33	-	-	10	11APR56	448	-	10	18NOV65	-	-	34
12NOV35	-	-	7.5	30AUG56	463	-	11	22NOV65	-	-	21
14MAY52	-	-	10	27MAR57	414	-	11	29NOV65	-	-	38
14OCT52	-	-	7.6	07AUG57	267	-	11	02DEC65	-	-	34
17APR53	-	-	7.9	03SEP57	426	-	11	30AUG66	279	-	26
03JUL53	218	-	8.6	11APR58	428	-	11	15SEP82	200	214	18
15SEP53	-	-	12	28AUG58	449	-	11	03JAN83	204	227	17
21APR54	-	-	10	10APR59	349	-	14				
				7-373 CAMDEN CITY WD-MORRIS 6							
08DEC26	-	-	7.0	11APR58	204	-	9.1	22NOV65	-	-	19
21NOV32	-	-	7.0	28AUG58	208	-	9.9	02DEC65	-	-	36
07NOV49	182	-	7.9	31AUG61	204	-	13	16OCT69	215	-	20
11APR56	209	-	9.9	24APR62	190	-	9.4	01MAY74	479	-	20
30AUG56	215	-	11	01OCT62	204	-	8.5	09MAY75	-	258	28
27MAR57	191	-	11	12APR63	213	-	8.0	22JUL80	-	268	23
07AUG57	184	-	10	09JUL65	233	-	18	27JUL81	-	288	20
03SEP57	224	-	10	18NOV65	-	-	30				
				7-374 CAMDEN CITY WD-MORRIS 9							
28NOV49	205	-	6.5	01SEP59	205	-	12	22AUG60	178	-	11
03JUL53	219	-	7.0	07APR60	193	-	11				
10APR59	196	-	10	28JUL60	201	-	11				
				7-375 CAMDEN CITY WD-MORRIS 8							
08DEC26	-	-	9.0	03JUL53	219	-	7.0	30AUG66	211	-	19
21NOV32	-	-	9.0	07AUG57	227	-	8.0	11MAR69	252	-	19
28NOV49	205	-	6.5	13AUG63	298	-	8.0				
				7-377 CAMDEN CITY WD-MORRIS 7							
08DEC26	-	-	6.0	18OCT33	-	-	5.0	13AUG63	203	-	8.3
21NOV32	-	-	8.0	06FEB34	-	-	7.0	16APR64	337	-	22
26JUN33	-	-	8.0	12NOV35	-	-	7.0	09JUL65	327	-	22
14AUG33	-	-	8.0	03JUL53	251	-	7.2				
				7-379 CAMDEN CITY WD-MORRIS 10							
29AUG61	226	-	8.2	19NOV65	-	-	16	21DEC70	381	-	23
24APR62	167	-	8.7	24NOV65	-	-	18	28AUG74	347	-	33
01OCT62	188	-	8.6	02DEC65	-	-	20	21JUL80	-	456	51
12APR63	215	-	7.5	10MAR69	373	-	22	27JUL81	-	528	22
09JUL65	224	-	12	16OCT69	308	-	26				
				7-382 CAMDEN CITY WD-MORRIS 4A							
29AUG61	176	-	7.6	13AUG63	261	-	7.7	01MAY74	328	-	28
24APR62	187	-	7.8	09JUL65	249	-	13	28AUG74	540	-	59
01OCT62	196	-	7.6	10MAR69	224	-	14				
12APR63	205	-	6.5	08OCT69	291	-	25				
				7-383 CAMDEN CITY WD-MORRIS 4							
08DEC26	-	-	6.0	21NOV32	-	-	7.0				

TABLE 7.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED CHLORIDE AND SPECIFIC CONDUCTANCE--Continued.

Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)
				7-386 CAMDEN CITY WD-MORRIS 3A							
08DEC26	-	-	6.0	31AUG61	141	-	8.4	16OCT69	722	-	104
21NOV32	-	-	7.0	13AUG63	353	-	20	22JUL80	-	744	43
07NOV49	158	-	5.2	30AUG66	484	-	38	27JUL81	-	652	24
17APR56	151	-	6.2	12FEB69	670	-	92	12JUL82	640	700	30
07AUG57	131	-	6.8	10MAR69	653	-	80				
				7-387 CAMDEN CITY WD-MORRIS 2							
08DEC26	-	-	8.0	08SEP55	123	-	8.5	01SEP59	148	-	7.1
21NOV32	-	-	7.0	11APR56	117	-	5.9	07APR60	150	-	7.3
07NOV49	99	-	6.0	30AUG56	112	-	6.8	22AUG60	165	-	7.9
13MAY52	-	-	6.0	27MAR57	104	-	6.7	29AUG61	197	-	8.6
14OCT52	-	-	5.0	07AUG57	116	-	6.8	24APR62	194	-	8.4
17APR53	-	-	6.0	03SEP57	190	-	26	01OCT62	209	-	8.6
15SEP53	-	-	9.1	11APR58	129	-	6.4	12APR63	217	-	7.5
20APR54	-	-	6.0	28AUG58	122	-	6.5	13AUG63	234	-	7.9
14SEP54	-	-	6.4	10APR59	130	-	7.1	01MAY64	195	-	10
				7-388 CAMDEN CITY WD-MORRIS 5							
08DEC26	-	-	12	12NOV35	-	-	4.6	07AUG57	146	-	7.2
21NOV32	-	-	6.0	07NOV49	141	-	5.8				
				7-389 CAMDEN CITY WD-MORIS 5NA							
01OCT62	292	-	10								
				7-390 CAMDEN CITY WD-MORRIS 1							
08DEC26	-	-	12	13AUG63	190	-	12	01DEC65	-	-	25
21NOV32	-	-	13	09JUL65	212	-	16	30AUG66	300	-	22
07NOV49	172	-	10	19NOV65	-	-	22	28AUG74	265	-	19
07AUG57	178	-	10	24NOV65	-	-	26	09MAY75	-	290	22
				7-407 TRAP ROCK IND-RUNMEDE 3							
28JAN70	186	-	4.0								
				7-412 NEW JERSEY WC-ELM TREE 2							
17DEC76	-	94	10								
				7-413 NEW JERSEY WC-ELM TREE 3							
17DEC76	-	134	5.5								
				7-476 USGS-NEW BROOKLN PK 1 OB							
19AUG60	-	-	310	06APR67	1220	-	298	17NOV82	1220	1190	300
22AUG60	-	-	324	27APR72	1110	-	283				
				7-477 USGS-NEW BROOKLN PK 2 OB							
28APR61	185	-	3.5	26APR72	453	-	2.5				
01MAY61	210	-	4.2	07DEC82	437	455	2.4				
				7-517 BROOKLAWN BORO WD 4-67							
01MAY74	287	-	11	27AUG80	-	662	26	28JUL81	-	691	27
28AUG74	348	-	12	10OCT80	-	624	26				
				7-520 BROOKLAWN BORO WD 3-61							
21JUL65	212	-	5.0	12MAR69	233	-	7.0	28AUG74	330	-	13
19AUG66	350	-	16	01MAY74	338	-	11				

TABLE 7.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED CHLORIDE AND SPECIFIC CONDUCTANCE--Continued.

Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)
				7-573 USGS-GLOUC CTY CG BASE 2							
21JUL66	316	-	28	26JUN75	-	172	13	23JUL80	-	228	17
29JUL66	385	-	60	29APR76	-	228	15	05JAN83	207	237	18
				15- 1 CLAYTON BORO WD 3							
30JUL57	977	-	120	29APR64	990	-	125	13MAY75	-	1040	133
24SEP57	955	-	116	22APR65	994	-	124	05NOV76	-	1020	142
19NOV58	952	-	122	13JUL67	961	-	129	14SEP77	-	1040	140
09DEC58	946	-	123	28FEB70	985	-	128	24AUG78	-	1190	140
29AUG61	940	-	120	21SEP72	970	-	140	17AUG79	-	1020	140
18APR62	963	-	123	24MAY73	973	-	132	17SEP80	-	910	110
24SEP62	993	-	125	24SEP73	993	-	130	10SEP81	-	960	140
03APR63	976	-	116	29APR74	962	-	134	17SEP82	1040	1030	140
27AUG63	972	-	123	28AUG74	960	-	117				
				15- 3 CLAYTON BORO WD 4							
28AUG74	814	-	91	24AUG78	-	940	93	10SEP81	-	850	110
13MAY75	-	881	92	17AUG79	-	870	98	17SEP82	826	835	100
05NOV76	-	851	98	17SEP80	-	850	98				
				15- 5 WOODBURY CTY WD-SEWEL 1							
14APR58	378	-	24	06APR61	390	-	25	18SEP64	398	-	24
25AUG58	384	-	23	29AUG61	389	-	23	22APR65	421	-	30
08APR59	389	-	24	18APR62	391	-	24	21SEP72	401	-	28
02SEP59	390	-	24	03APR63	399	-	26	25SEP73	412	-	30
06APR60	385	-	24	27AUG63	414	-	29	28AUG74	406	-	30
23AUG60	377	-	24	29APR64	395	-	24				
				15- 28 E GREENWICH TWP WD 2							
14APR58	595	-	73	13JUL67	605	-	72				
05SEP58	610	-	76	05SEP80	-	480	48				
				15- 29 E GREENWICH TWP WD 1							
07MAY51	523	-	54								
				15- 59 OWENS ILLINOIS 1							
22SEP72	845	-	58	28AUG74	707	-	64	14SEP77	-	736	65
29APR74	703	-	61	13MAY75	-	762	61	24AUG78	-	790	63
				15- 60 GLASSBORO BORO WD 3							
17JUL67	659	-	56	07OCT74	672	-	62	17AUG79	-	725	66
28FEB70	687	-	57	14SEP77	-	727	68	17AUG82	731	690	66
24SEP73	695	-	60	01SEP78	-	710	65				
				15- 62 GLASSBORO BORO WD 2							
07MAY51	-	-	19	23AUG60	499	-	19	18SEP64	517	-	19
11APR58	510	-	20	05APR61	508	-	20	22APR65	520	-	19
26AUG58	516	-	20	29AUG61	499	-	20	17JUL67	502	-	18
19NOV58	511	-	13	18APR62	511	-	20	28FEB70	530	-	20
09DEC58	509	-	20	24SEP62	527	-	19	24SEP73	463	-	20
08APR59	513	-	20	03APR63	551	-	28				
06APR60	550	-	26	27AUG63	513	-	20				
				15- 63 GLASSBORO BORO WD 4							
17JUL67	494	-	20	07OCT74	505	-	28	17AUG82	568	545	40
21SEP72	522	-	28	17SEP80	-	494	29				

TABLE 7.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED CHLORIDE AND SPECIFIC CONDUCTANCE--Continued.

Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)
				15- 69 GREENWICH TWP WD 3							
21SEP51	-	-	6.9	18SEP80	-	121	13				
13JUL67	102	-	8.5	22SEP82	132	132	11				
				15- 72 EI DUPONT REPAUNO 3							
15SEP52	278	-	39	25AUG58	417	-	78	21APR65	511	-	106
06APR53	-	-	22	07APR59	449	-	88	15AUG67	494	-	109
16SEP53	-	-	36	01SEP59	448	-	89	12MAR70	532	-	120
14APR54	-	-	49	05APR60	460	-	93	22SEP72	497	-	110
08SEP54	-	-	52	22AUG60	460	-	92	20SEP73	481	-	100
14APR55	345	-	56	10APR61	473	-	96	30AUG74	517	-	115
02SEP55	484	-	114	28AUG61	445	-	91	13MAY76	-	454	100
12APR56	357	-	62	17APR62	454	-	93	21SEP77	-	687	140
27AUG56	376	-	69	24SEP62	653	-	118	12SEP80	-	221	32
11APR57	406	-	75	02APR63	488	-	104	29JUL81	-	232	31
30AUG57	407	-	76	26AUG63	507	-	106	24AUG82	514	480	110
08APR58	-	-	80	28APR64	490	-	108				
07JUL58	-	-	81	17SEP64	510	-	110				
				15- 79 EI DUPONT REPAUNO 6							
12MAR70	543	-	136	28MAR75	-	630	160	12SEP80	-	480	97
21DEC70	460	-	113	13MAY76	-	499	110	29JUL81	-	557	110
22SEP72	543	-	112	21SEP77	-	570	130	24AUG82	580	545	94
20SEP73	520	-	120	01SEP78	-	470	96				
30AUG74	594	-	150	15AUG79	-	470	95				
				15- 81 EI DUPONT REPAUNO 5							
15AUG67	156	-	19	15AUG79	-	236	32	24AUG82	266	255	39
13MAY76	-	-	63	12SEP80	-	365	72				
01SEP78	-	326	56	29JUL81	-	384	66				
				15- 94 MOBIL OIL-GREENWICH 44							
14AUG67	456	-	30	24MAY73	895	-	55	21SEP77	-	634	54
12MAR70	548	-	42	20SEP73	625	-	42	17SEP80	-	653	45
22SEP72	512	-	46	07OCT74	519	-	48	29JUL81	-	677	46
				15- 98 MOBIL OIL-GREENWICH 45							
14AUG67	683	-	176	01SEP78	-	2320	140	29JUL81	-	2080	130
22SEP72	3370	-	156	15AUG79	-	2180	140	11AUG82	2090	2100	120
05NOV76	-	2120	132	17SEP80	-	2420	110				
				15-101 MOBIL OIL-GREENWICH 40							
09JUL51	1060	-	242	08APR58	-	-	240	28APR64	1010	-	230
04JUN52	-	-	250	25AUG58	-	-	238	17SEP64	1030	-	222
06APR53	-	-	240	07APR59	-	-	251	21APR65	1020	-	220
16SEP53	-	-	260	01SEP59	-	-	236	14AUG67	733	-	59
14APR54	-	-	238	05APR60	-	-	230	22SEP72	1190	-	241
08SEP54	-	-	248	22AUG60	-	-	228	24MAY73	1190	-	260
14APR55	-	-	243	10APR61	-	-	226	20SEP73	1150	-	160
02SEP55	-	-	230	28AUG61	1010	-	226	30AUG74	1190	-	220
12APR56	-	-	240	17APR62	1020	-	228	13MAY75	-	1140	214
27AUG56	-	-	245	24SEP62	1070	-	232	05NOV76	-	864	177
11APR57	-	-	242	02APR63	1030	-	230				
30AUG57	-	-	236	26AUG63	1030	-	224				
				15-102 EI DUPONT REPAUNO 20							
15SEP52	3410	-	307	08APR58	-	-	144	26AUG63	2300	-	106
06APR53	-	-	255	25AUG58	2560	-	179	28APR64	2310	-	122
16SEP53	-	-	247	07APR59	2590	-	155	17SEP64	2280	-	116
14APR54	-	-	230	01SEP59	2660	-	150	21APR65	2250	-	118
08SEP54	-	-	198	05APR60	2470	-	146	15AUG67	1980	-	140
14APR55	2540	-	195	22AUG60	2470	-	138	12MAR70	1930	-	124
02SEP55	2620	-	200	10APR61	2340	-	140	21DEC70	1850	-	128

TABLE 7.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED CHLORIDE AND SPECIFIC CONDUCTANCE--Continued.

Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)
				15-102 EI DUPONT REPAUNO 20--Continued							
12APR56	2410	-	178	28AUG61	2390	-	124	22SEP72	1090	-	132
27AUG56	2720	-	180	17APR62	2410	-	134	23MAY73	1020	-	141
11APR57	2640	-	166	24SEP62	2440	-	124				
30AUG57	2830	-	158	02APR63	2330	-	142				
				15-109 MOBIL OIL-GREENWICH 41							
14AUG67	722	-	125	24MAY73	740	-	109	05NOV76	-	726	111
12MAR70	727	-	120	20SEP73	752	-	100	21SEP77	-	815	110
22SEP72	734	-	110	30AUG74	757	-	110	11AUG82	807	750	100
				15-118 MOBIL OIL-GREENWICH 47							
25AUG58	1070	-	275	13MAY75	-	572	141	14AUG79	-	500	120
14AUG67	1140	-	109	05NOV76	-	517	132	17SEP80	-	490	110
22SEP72	583	-	150	21SEP77	-	549	130	29JUL81	-	490	120
30AUG74	560	-	137	01SEP78	-	522	120	11AUG82	476	440	110
				15-127 LEONARD, WILLIAM 5							
28FEB70	640	-	62								
				15-129 SO JERSEY WS CO 1							
21DEC50	-	-	140	09DEC59	-	-	134	03APR63	945	-	140
11APR58	925	-	137	05APR60	930	-	136	26AUG63	938	-	140
26AUG58	933	-	137	22AUG60	927	-	137	27MAR64	902	-	138
09NOV58	935	-	136	05APR61	930	-	138	30SEP64	929	-	140
09DEC58	923	-	134	28AUG61	882	-	132	27OCT80	-	922	160
08APR59	938	-	136	17APR62	935	-	140	22SEP82	999	950	170
01SEP59	952	-	139	24SEP62	969	-	142				
				15-130 SO JERSEY WS CO 3							
28FEB70	946	-	144	07OCT74	943	-	149	14AUG79	-	950	150
22DEC70	948	-	145	13MAY75	-	952	148	17SEP80	-	1010	160
21SEP72	1200	-	148	05NOV76	-	786	140	10SEP81	-	850	160
24MAY73	935	-	148	14SEP77	-	992	160				
29APR74	911	-	148	25AUG78	-	970	150				
				15-131 CLEARVIEW HIGH SCHOOL 1							
28FEB70	666	-	68	18SEP80	-	672	77				
				15-165 PENNS GROVE WC-BRIDGPT 1							
19MAY51	134	-	9.5	02APR63	154	-	9.4	21APR65	152	-	9.0
28AUG61	154	-	10	26AUG63	152	-	9.1	12JUL67	312	-	20
19APR62	147	-	8.8	28APR64	157	-	9.5	20SEP73	188	-	14
24SEP62	157	-	9.0	17SEP64	152	-	9.5				
				15-166 PENNS GROVE WC-BRIDGPT 2							
10APR58	126	-	7.5	02APR63	154	-	9.4	13MAY75	-	229	15
25AUG58	135	-	7.8	26AUG63	152	-	9.1	21SEP77	-	196	14
07APR59	157	-	8.0	28APR64	157	-	9.5	01SEP78	-	190	14
01SEP59	140	-	8.9	17SEP64	152	-	9.5	15AUG79	-	187	13
05APR60	136	-	8.5	21APR65	152	-	9.0	16SEP80	-	186	13
22AUG60	135	-	8.4	12JUL67	167	-	10	16SEP81	-	177	14
07APR61	143	-	8.2	12MAR70	183	-	13	13AUG82	-	196	14
28AUG61	154	-	10	22SEP72	182	-	13	22DEC82	178	200	14
19APR62	147	-	8.8	23MAY73	193	-	15				
24SEP62	157	-	9.0	29AUG74	196	-	15				

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				15-189 MANTUA MUA 2 (SEWELL 1)							
11APR58	392	-	20	06APR61	395	-	19	28AUG74	404	-	24
26AUG58	395	-	19	29AUG61	393	-	20	14AUG79	-	400	26
08APR59	398	-	19	18APR62	398	-	20	04AUG80	-	403	26
02SEP59	408	-	20	24SEP62	411	-	20	15SEP81	-	405	28
06APR60	394	-	20	03APR63	405	-	21				
23AUG60	391	-	19	21SEP72	411	-	24				
				15-191 MANTUA MUA 1 (SEWELL 2)							
17JUL67	378	-	20	25SEP73	396	-	23	25AUG78	-	400	28
07MAR70	398	-	20	28AUG74	401	-	26	04AUG80	-	403	26
21SEP72	404	-	26	16SEP77	-	419	29				
				15-192 MANTUA MUA 5 (EDENWD 1)							
15AUG67	438	-	30	17AUG82	-	461	39				
11SEP80	-	490	42	04JAN83	486	450	41				
				15-193 MANTUA MUA 3 (MANT WC 2)							
14APR58	391	-	22	06APR61	391	-	23	21SEP72	418	-	30
27AUG58	389	-	21	29AUG61	392	-	24	28AUG74	412	-	30
08APR59	390	-	22	18APR62	396	-	23	04AUG80	-	403	31
02SEP59	396	-	22	24SEP62	419	-	21	04JAN83	412	410	30
06APR60	387	-	22	03APR63	401	-	24				
23AUG60	385	-	23	17JUL67	391	-	26				
				15-194 MANTUA MUA 4 (MANT WC3)							
21SEP72	449	-	42	16SEP77	-	437	35	11SEP81	-	410	40
24MAY73	428	-	39	25AUG78	-	420	37	17AUG82	-	456	39
25SEP73	428	-	36	14AUG79	-	445	38	04JAN83	489	505	42
30APR74	428	-	39	04AUG80	-	432	40				
				15-206 NATIONAL PARK BORO WD 1							
25APR51	175	-	21	20JUL60	365	-	43	26AUG63	177	-	22
10APR58	213	-	29	22AUG60	330	-	67	28APR64	171	-	21
25AUG58	219	-	23	28AUG61	244	-	36	17SEP64	222	-	40
07APR59	202	-	22	17APR62	200	-	28	29AUG66	392	-	95
01SEP59	212	-	32	24SEP62	225	-	25				
05APR60	284	-	53	02APR63	175	-	21				
				15-207 NATIONAL PARK BORO WD 2							
25APR51	-	-	21	17APR62	345	-	41	18MAY71	316	-	30
10APR58	363	-	46	24SEP62	354	-	40	22SEP72	319	-	28
25AUG58	361	-	45	02APR63	343	-	40	24MAY73	304	-	29
07APR59	365	-	44	26AUG63	394	-	53	20SEP73	306	-	28
01SEP59	368	-	44	28APR64	338	-	38	30AUG74	312	-	29
05APR60	355	-	42	17SEP64	338	-	38	09MAY75	-	327	30
22AUG60	347	-	42	21APR65	336	-	38	21SEP77	-	322	32
10APR61	348	-	42	29AUG66	318	-	37	15AUG79	-	325	27
21AUG61	328	-	41	13JUL67	312	-	34	09SEP80	-	321	28
28AUG61	328	-	41	12MAR70	311	-	34	11SEP81	-	318	28
				15-210 PAULSBORO WD 6-73							
15AUG79	-	262	35	11SEP81	-	250	34	30NOV82	233	251	31
11SEP80	-	261	34	13AUG82	-	260	34				
				15-212 PAULSBORO WD 4-51							
14AUG67	855	-	170	11SEP80	-	146	13	13AUG82	-	339	35
15AUG79	-	355	36	11SEP81	-	225	26	30NOV82	249	249	24

TABLE 7.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED CHLORIDE AND SPECIFIC CONDUCTANCE--Continued.

Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)
				15-213 PAULSBORO WD 5-57							
14AUG67	365	-	43	11SEP80	-	235	19	13AUG82	-	226	19
15AUG79	-	237	19	11SEP81	-	220	19				
				15-218 MOBIL OIL-GREENWICH 33							
15SEP52	418	-	87	27AUG56	402	-	98	22AUG60	335	-	75
06APR53	-	-	100	11APR57	371	-	82	10APR61	340	-	80
16SEP53	-	-	109	30AUG57	432	-	106	28AUG61	277	-	58
14APR54	-	-	24	08APR58	397	-	97	17APR62	131	-	24
08SEP54	-	-	60	25AUG58	383	-	92	24SEP62	295	-	63
14APR55	125	-	24	07APR59	367	-	86	02APR63	311	-	70
02SEP55	398	-	92	01SEP59	393	-	94	26AUG63	301	-	66
12APR56	396	-	95	05APR60	101	-	17				
				15-220 ESSEX CHEM-OLIN 1-1954							
14AUG67	125	-	16	13OCT81	1080	1100	190				
				15-224 PITMAN BORO WD PG1							
19NOV58	461	-	24	17JUL67	562	-	42				
				15-225 PITMAN BORO WD P1							
02SEP29	-	-	26	29AUG61	476	-	30	24MAY73	508	-	35
07MAY51	523	-	34	18APR62	478	-	27	24SEP73	503	-	32
11APR58	455	-	23	24SEP62	488	-	22	29APR74	498	-	37
26AUG58	462	-	24	03APR63	481	-	26	28AUG74	505	-	35
09DEC58	438	-	24	27AUG63	473	-	23	13MAY75	-	520	33
08APR59	461	-	24	29APR64	474	-	21	14SEP77	-	523	44
09DEC59	469	-	24	18SEP64	475	-	19	24AUG78	-	510	37
06APR60	459	-	24	22APR65	476	-	19	14AUG79	-	495	38
23AUG60	462	-	26	17JUL67	457	-	20				
05APR61	472	-	30	21SEP72	522	-	55				
				15-226 PITMAN BORO WD P2							
17APR51	449	-	26	28FEB70	589	-	28	29APR74	488	-	32
20JUN58	-	-	58	21SEP72	515	-	12	28AUG74	482	-	31
17JUL67	449	-	24	24SEP73	476	-	28	17SEP80	-	429	27
				15-227 PITMAN BORO WD P3							
28FEB70	462	-	32	29APR74	486	-	46				
21SEP72	496	-	42	28AUG74	491	-	43				
				15-236 SWEDESBORO BORO WD 3							
22SEP72	543	-	58	29AUG74	397	-	48	15SEP81	-	382	45
23MAY73	414	-	54	13MAY75	-	395	46	17AUG82	-	403	43
24SEP73	426	-	55	15AUG79	-	375	41				
30APR74	399	-	48	10SEP80	-	384	43				
				15-237 SWEDESBORO BORO WD 1							
07MAY51	367	-	43	20JUL60	422	-	58	13JUL67	192	-	2.6
				15-238 SWEDESBORO BORO WD 2							
11APR58	407	-	54	07APR61	719	-	147	17SEP64	437	-	59
26AUG58	480	-	75	28AUG61	724	-	145	28FEB70	454	-	65
07APR59	435	-	62	17APR62	637	-	120	13MAY75	-	440	60
01SEP59	418	-	55	24SEP62	672	-	126	16SEP77	-	432	62
05APR60	749	-	155	02APR63	683	-	134	01SEP78	-	420	57
20JUL60	429	-	59	26AUG63	585	-	104				
22AUG60	432	-	62	28APR64	486	-	72				

TABLE 7.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED CHLORIDE AND SPECIFIC CONDUCTANCE--Continued.

Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)
				15-240 DEL MONTE CORP 9							
07MAR70	316	-	44	17SEP70	338	-	58	10SEP80	-	365	42
				15-274 WENONAH BORO WD 1							
17APR51	288	-	7.6	10APR61	299	-	9.1	21SEP72	339	-	18
14APR58	294	-	9.0	29AUG61	300	-	9.1	25SEP73	328	-	15
26AUG58	296	-	7.8	18APR62	302	-	9.3	13MAY75	-	357	18
08APR59	298	-	8.7	24SEP62	313	-	9.6	25AUG78	-	-	21
02SEP59	300	-	8.7	04APR63	309	-	10	14AUG79	-	360	20
06APR60	297	-	9.0	18SEP64	315	-	9.5	04AUG80	-	336	22
23AUG60	293	-	8.6	17JUL67	308	-	12				
				15-275 WENONAH BORO WD 2							
17JUL67	307	-	12	29APR74	338	-	21				
21SEP72	350	-	22	16SEP77	-	362	22				
				15-283 SHELL CHEM CO 3							
15AUG67	708	-	138	15SEP81	-	725	150				
24SEP80	-	690	140	17AUG82	-	740	140				
				15-284 SHELL CHEM CO 4							
15AUG67	372	-	29	15SEP81	-	382	26				
24SEP80	-	384	26	17AUG82	-	384	23				
				15-314 TEXACO EAGLE PT 6-PROD							
15AUG50	329	-	40	22DEC70	275	-	24	09AUG82	280	275	22
				15-319 TEXACO EAGLE PT 4-PROD							
15MAR50	267	-	26	18MAY71	289	-	23	01JUN73	288	-	26
25AUG66	236	-	25	29JUN72	273	-	27	30JUN74	297	-	28
				15-320 TEXACO EAGLE PT 1							
15MAR50	217	-	14	30AUG57	241	-	14	24SEP62	262	-	15
04JUN52	222	-	14	08APR58	243	-	15	02APR63	258	-	16
06APR53	-	-	17	25AUG58	231	-	13	26AUG63	265	-	16
14APR54	-	-	14	07APR59	229	-	17	28APR64	270	-	13
08SEP54	-	-	18	01SEP59	248	-	15	17SEP64	267	-	14
14APR55	245	-	16	05APR60	245	-	14	21APR65	278	-	17
02SEP55	254	-	12	22AUG60	244	-	15	25AUG66	274	-	13
12APR56	236	-	14	10APR61	244	-	17	12MAR70	300	-	17
29AUG56	-	-	16	28AUG61	245	-	15	09SEP80	-	344	25
11APR57	241	-	14	17APR62	255	-	17				
				15-323 TEXACO EAGLE PT 3-OBS							
15MAR50	-	-	17	05JUN73	351	-	24	07SEP82	786	770	39
18MAY71	337	-	20	30JUN74	406	-	28				
29JUN72	328	-	23	09OCT81	766	820	38				
				15-327 WESTVILLE BORO WD 4							
13JUL67	191	-	7.5	01JUN73	208	-	7.6	02SEP80	-	284	9.5
20MAY71	202	-	7.6	30JUN74	219	-	7.6	10SEP82	330	332	11
				15-331 WOODBURY WD RAILROAD 5							
12JUL67	354	-	48	28AUG74	371	-	48	27AUG80	-	360	45
21SEP72	363	-	46	09MAY75	-	395	48	10DEC80	355	326	43
24MAY73	364	-	48	16SEP77	-	391	27	11SEP81	-	328	40
25SEP73	364	-	47	25AUG78	-	355	46	13AUG82	-	288	18
29APR74	357	-	49	14AUG79	-	372	46	22DEC82	311	282	24

TABLE 7.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED CHLORIDE AND SPECIFIC CONDUCTANCE--Continued.

Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)	Date of Sample	Specific Conductance (micromhos) Lab	Field	Dissolved Chloride (mg/L)
				15-332 WOODBURY WD-PARK LOT 3							
07MAY51	276	-	6.5	22APR65	377	-	45	27AUG80	-	336	12
27AUG63	355	-	30	12JUL67	237	-	7.6	17OCT80	-	312	15
29APR64	381	-	30	25SEP73	282	-	6.8				
18SEP64	378	-	29	29APR74	277	-	10				
				15-333 WOODBURY WD-TATUM 4							
14APR58	238	-	4.5	06APR61	232	-	4.7	18SEP64	312	-	17
25AUG58	241	-	4.1	18APR62	232	-	4.8	22APR65	234	-	4.0
08APR59	355	-	19	24SEP62	393	-	40	12JUL67	354	-	48
02SEP59	249	-	4.8	03APR63	302	-	23	21SEP72	320	-	18
06APR60	230	-	4.6	27AUG63	232	-	4.7	28AUG74	290	-	9.2
23AUG60	348	-	18	29APR64	232	-	4.0	09MAY75	-	347	18
				15-361 GLASSBORO BORO WD 5							
29APR74	630	-	44	17AUG79	-	670	55	10SEP81	-	630	59
01SEP78	-	670	55	17SEP80	-	627	58	17AUG82	679	640	59
				33-107 NJDEP-FT MOTT STATE PK 1							
26APR56	654	-	131	30AUG61	579	-	116	07MAR69	553	-	106
10APR58	605	-	120	19APR62	542	-	102	28SEP72	569	-	113
26AUG58	690	-	133	26SEP62	745	-	110	23MAY73	575	-	114
09APR59	2300	-	112	03APR63	681	-	101	21SEP73	585	-	84
08SEP59	618	-	122	28AUG63	569	-	110	04OCT74	532	-	109
15DEC59	548	-	103	28APR64	537	-	104	15MAY75	-	580	106
11APR60	675	-	104	30SEP64	550	-	100	06OCT76	-	559	102
24AUG60	609	-	120	21APR65	537	-	96	22SEP77	-	541	98
07APR61	522	-	98	26FEB68	540	-	102	05OCT78	-	510	91
				33-108 US ARMY-FINNS PT CEM							
19NOV58	-	-	238	21SEP73	894	-	200	05OCT78	-	630	140
19NOV59	972	-	238	30APR74	857	-	212	29AUG79	-	600	110
26FEB68	890	-	205	29AUG74	911	-	211	10OCT80	-	537	110
07MAR69	925	-	218	06OCT76	-	684	140	29SEP81	-	570	110
23MAY73	948	-	165	22SEP77	-	640	130	15OCT82	569	-	110
				33-112 PENNSVILLE TWP WD 4							
27FEB68	157	-	7.8	04OCT74	149	-	12	02OCT80	-	173	12
07MAR69	158	-	10	05OCT76	-	152	11	29SEP81	-	190	10
28SEP72	284	-	16	22SEP77	-	152	12	08OCT82	178	178	11
21SEP73	152	-	12	30AUG79	-	188	9.5				
				33-117 PENNSVILLE TWP WD 3							
26FEB68	88	-	6.6	04OCT74	93	-	8.7	02OCT80	-	156	8.9
07MAR69	104	-	6.0	05OCT76	-	97	8.4	08OCT82	120	183	12
28SEP72	211	-	12	22SEP77	-	100	10				
21SEP73	90	-	6.7	05OCT78	-	156	8.0				
				33-118 PENNSVILLE TWP WD 1							
11APR58	411	-	61	04APR63	427	-	65	29AUG74	433	-	70
25AUG58	426	-	64	28AUG63	423	-	64	05OCT76	-	439	65
09APR59	419	-	64	28APR64	429	-	64	22SEP77	-	433	67
08SEP59	424	-	64	21APR65	430	-	60	05OCT78	-	425	64
11APR60	413	-	63	26FEB68	421	-	62	30AUG79	-	455	62
07APR61	415	-	62	07MAR69	443	-	67	02OCT80	-	403	64
30AUG61	416	-	64	28SEP72	425	-	68	29SEP81	-	430	65
19APR62	415	-	64	21SEP73	430	-	66	08OCT82	425	410	62
26SEP62	435	-	64	30APR74	418	-	66				

TABLE 7.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED CHLORIDE AND SPECIFIC CONDUCTANCE--Continued.

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				33-119 PENNSVILLE TWP WD 2							
11JAN51	466	-	74	30APR74	491	-	94	30AUG79	-	635	120
26FEB68	467	-	86	29AUG74	484	-	95	02OCT80	-	596	120
07MAR69	475	-	92	15MAY75	-	504	94	29SEP81	-	440	56
28SEP72	479	-	96	05OCT76	-	533	108	08OCT82	338	327	33
23MAY73	417	-	65	22SEP77	-	534	110				
21SEP73	479	-	98	05OCT78	-	610	130				
				33-121 ATL CITY EL-DEEPWATER 3							
15FEB68	389	-	46	29SEP72	380	-	46	21SEP73	369	-	44
				33-122 ATL CITY EL-DEEPWATER 3R							
15MAY75	-	387	45	30AUG79	-	370	44	12OCT82	417	392	52
22SEP77	-	383	49	22SEP80	-	403	57				
05OCT78	-	375	43	30SEP81	-	380	46				
				33-123 ATL CITY EL-DEEPWATER 2							
15FEB68	375	-	50	23MAY73	383	-	53				
29SEP72	371	-	49	22SEP77	-	458	76				
				33-125 ATL CITY EL-DEEPWATER 5							
15FEB68	332	-	42	06OCT76	-	406	62	30SEP81	-	385	55
29SEP72	327	-	42	22SEP77	-	368	54	12OCT82	372	363	50
21SEP73	383	-	55	05OCT78	-	432	70				
29AUG74	348	-	49	30AUG79	-	450	65				
				33-127 ATL CITY EL-DEEPWATER 6							
15FEB68	424	-	62	04OCT74	618	-	145	22SEP80	-	696	140
29SEP72	521	-	106	22SEP77	-	534	110	12OCT82	413	392	53
30APR74	632	-	138	30AUG79	-	820	160				
				33-137 EI DUPONT-DRINKWATER 8							
06MAR51	352	-	37	27AUG56	368	-	40	31AUG61	367	-	38
15SEP52	386	-	30	11APR57	384	-	46	04APR63	390	-	43
06APR53	-	-	28	30AUG57	369	-	37	04OCT74	427	-	55
16SEP53	-	-	43	08APR58	389	-	42	06OCT76	-	491	54
14APR54	-	-	40	26AUG58	396	-	44	22SEP77	-	503	70
08SEP54	-	-	38	09APR59	385	-	42	05OCT78	-	500	70
14APR55	372	-	38	08SEP59	658	-	124	30AUG79	-	515	74
02SEP55	365	-	34	11APR60	414	-	53	15OCT80	-	480	72
12APR56	369	-	38	24AUG60	621	-	51				
				33-158 ACME MARKETS 1							
09FEB60	610	-	62	06APR61	616	-	62	27FEB68	655	-	72
12APR60	619	-	62	29AUG61	615	-	62				
				33-163 RICHMAN ICE CREAM 1							
27APR56	517	-	42	02APR63	421	-	25	30APR74	420	-	30
11APR58	419	-	21	27AUG63	418	-	24	29AUG74	540	-	69
26AUG58	434	-	25	28APR64	425	-	22	15MAY75	-	414	26
09APR59	421	-	24	30SEP64	419	-	23	07OCT76	-	424	22
08SEP59	433	-	26	21APR65	419	-	22	27SEP77	-	420	24
12APR60	410	-	24	27APR66	413	-	23	29AUG79	-	382	18
11APR61	415	-	24	27FEB68	409	-	22	16SEP80	-	391	21
29AUG61	421	-	24	07MAR69	397	-	23	29SEP81	-	405	26
20APR62	418	-	25	29SEP72	421	-	28	15OCT82	389	367	14
25SEP62	455	-	24	21SEP73	586	-	78				

TABLE 7.--RESULTS OF CHEMICAL ANALYSES OF GROUND-WATER SAMPLES FOR DISSOLVED CHLORIDE AND SPECIFIC CONDUCTANCE--Continued.

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				33-164 RICHMAN ICE CREAM 2							
27FEB68	523	-	49	27SEP77	-	536	50				
				33-187 USGS-POINT AIRY OBS							
23SEP58	526	-	5.2	24DEC58	971	-	180	19SEP62	1050	-	186
24OCT58	607	-	73	20APR62	992	-	186	12APR63	1020	-	188
				33-345 PENNS GROVE WC 2B							
10APR58	180	-	14	30AUG61	197	-	14	06OCT76	-	221	15
26AUG58	198	-	14	19APR62	197	-	13	05OCT78	-	207	15
09APR59	191	-	13	26SEP62	211	-	13	30AUG79	-	213	12
08SEP59	207	-	14	02APR63	203	-	13	23SEP80	-	178	13
11APR60	176	-	12	29SEP72	228	-	18	30SEP81	-	203	15
24AUG60	178	-	11	20SEP73	200	-	13	12OCT82	208	197	13
11APR61	194	-	14	07OCT74	191	-	14				
				33-346 PENNS GROVE WC-LAYNE 1							
26SEP62	924	-	186	29SEP72	878	-	223	05OCT78	-	900	210
02APR63	946	-	200	23MAY73	350	-	42	30AUG79	-	935	200
28AUG63	820	-	162	20SEP73	250	-	16	23SEP80	-	886	210
29APR64	837	-	170	30AUG74	888	-	186	30SEP81	-	965	230
30SEP64	800	-	162	15MAY75	-	892	191	12OCT82	984	900	220
21APR65	798	-	160	06OCT76	-	941	199				
16FEB68	946	-	195	22SEP77	-	954	210				
				33-354 WOODSTOWN BORO WD 2							
11APR58	924	-	141	25SEP62	950	-	154	29AUG74	960	-	163
26AUG58	907	-	155	02APR63	947	-	168	15MAY75	-	967	166
10APR59	908	-	156	27AUG63	931	-	162	07OCT76	-	1030	195
08SEP59	916	-	156	27MAR64	924	-	170	27SEP77	-	988	180
12APR60	904	-	158	30SEP64	945	-	166	29AUG79	-	1070	210
06APR61	922	-	162	21APR65	936	-	168	06OCT80	-	912	170
29AUG61	914	-	160	27FEB68	960	-	162	29SEP81	-	900	170
19APR62	926	-	164	30APR74	894	-	169				
				33-361 PENNS GROVE WC-LAYTN1-79							
30AUG79	-	238	13	23SEP80	-	214	19				
				33-362 WOODSTOWN BORO WD 3							
07OCT76	-	999	182	29AUG79	-	905	150	29SEP81	-	960	180
27SEP77	-	996	190	06OCT80	-	887	170				
				33-364 PSEG-SALEM NUC GEN STA 5							
07OCT76	-	376	18	28SEP81	-	379	27				
18MAY79	-	-	17	22OCT82	377	355	23				

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