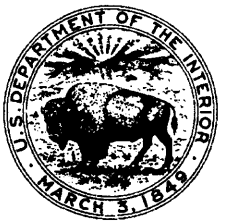
Rates of Water Movement Through the Floors of Selected Stormwater Basins in Nassau County, Long Island, New York

By Henry. F.H. Ku and Donald B. Aaronson

U.S. GEOLOGICAL SURVEY

Water-Resources Investigations Report 91-4012



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CONVERSION FACTORS, ABBREVIATIONS, AND VERTICAL DATUM

Multiply	*by*	*To obtain*
	Length	
inch (in)	2.54	centimeter
inch (in)	25.4	millimeter
foot (ft)	0.3048	meter
mile (mi)	1.609	kilometer
	Area	
acre	0.4047	hectare
square foot (ft^2)	0.09294	square meter
square mile (mi^2)	2.59	square kilometer
	Volume	
gallon (gal)	3.785	liter
	Temperature	
degrees Fahrenheit (^oF)	F(0.555)-32	degrees Celsius (^oC)
	Flow	
foot per second (ft/s)	0.3048	meter per second
foot per day (ft/d)	0.3048	meter per day
cubic foot per second (ft^3/s)	0.028317	cubic meter per second
gallon per minute (gal/min)	0.06308	liter per second
gallon per day (gal/d)	0.003785	cubic meter per day
million gallons per day (Mgal/d)	0.04381	cubic meter per second
	Slope	
feet per mile (ft/mi)		
	Time	
hours (h)		
minutes (min)		

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

RATES OF WATER MOVEMENT THROUGH THE FLOORS OF SELECTED STORM-WATER BASINS IN NASSAU COUNTY, NEW YORK

by Henry F. H. Ku and Donald B. Aaronson

Abstract

Recharge basins have been used extensively on Long Island, N.Y. since the 1930's to dispose of storm runoff; therefore, the location and performance of recharge basins affect the distribution and amount of recharge to the aquifer. Because ground water is the sole source of freshwater supply for 1.5 million people in Nassau County, the use of recharge basins not only helps to conserve storm runoff and augment the ground-water supply, it also eliminates the need for long, costly trunk storm sewers to route excess storm runoff to coastal waters to prevent local flooding.

Infiltration tests with double-ring infiltrometers at 51 recharge basins showed the median infiltration rate to be 1.83 feet per hour. The median vertical hydraulic conductivity of the upper foot of the unsaturated zone at the bottom of selected recharge basins is 1.63 feet per hour. Crest-stage gages were installed in 58 recharge basins to determine the maximum depth of water in the basins during storms; 20 had at least 5 feet of standing water at least once during the 24-month study period.

Surficial geology has a large effect on the infiltration rate of recharge basins. Between 19 and 36 percent of the recharge basins that are excavated in the morainal deposits are clogged, as compared to only 14 percent of those in the outwash plain, and more than half of the recharge basins built before 1950 are clogged. Clogged recharge basins are not likely to cause flooding at present because nearly all are able to discharge stormwater through the side walls, if not through the bottom, under most conditions.

Updated (1987) Nassau County recharge basin statistics (including locations, area, altitude, degree of clogging, land use, geologic unit, and soil unit) are included in an appendix with 1973 data on Suffolk County recharge basins.

INTRODUCTION

Recharge basins have been in use on Long Island, N.Y., since the 1930's (fig. 1). Nassau County, recognizing early that urbanization was causing a loss of natural recharge, began in 1935 to excavate recharge basins to impound and transmit stormwater to the ground-water system (Welsch, 1935). Because ground water is the sole source of freshwater supply for 1.5 million people in Nassau County, the use of recharge basins not only helps to conserve storm runoff and augment the ground-water supply but also eliminates the need for

long, costly trunk storm sewers to route excess storm runoff to coastal waters to prevent local flooding. Nassau County contains about 800 recharge basins, and new basins are being added with the construction of housing developments, shopping centers, offices, industrial complexes, and roads. The increasing demand for freshwater is a matter of vital concern to local government officials and planners; thus, an accurate accounting of all sources of freshwater to the hydrologic system is needed. In 1985, the U.S. Geological Survey, in cooperation with the Nassau County Department of Public Works, Division of Water Supply, began a 3-year study to:

1. depict in map form the surficial geology, soil characteristics, and changes in recharge patterns that have resulted from urbanization;

2. quantify the local infiltration rates and vertical hydraulic conductivity of recharge basins from current information and additional data collected at more than 50 recharge basins; and

3. update and revise a 1973 catalog of recharge basins and their characteristics (Seaburn and Aronson, 1973) to include all basins in Nassau County that were constructed through 1986 (data for Suffolk County recharge basins were included but not updated) and incorporate this information, together with field measurements of infiltration rate, into a computerized data base.

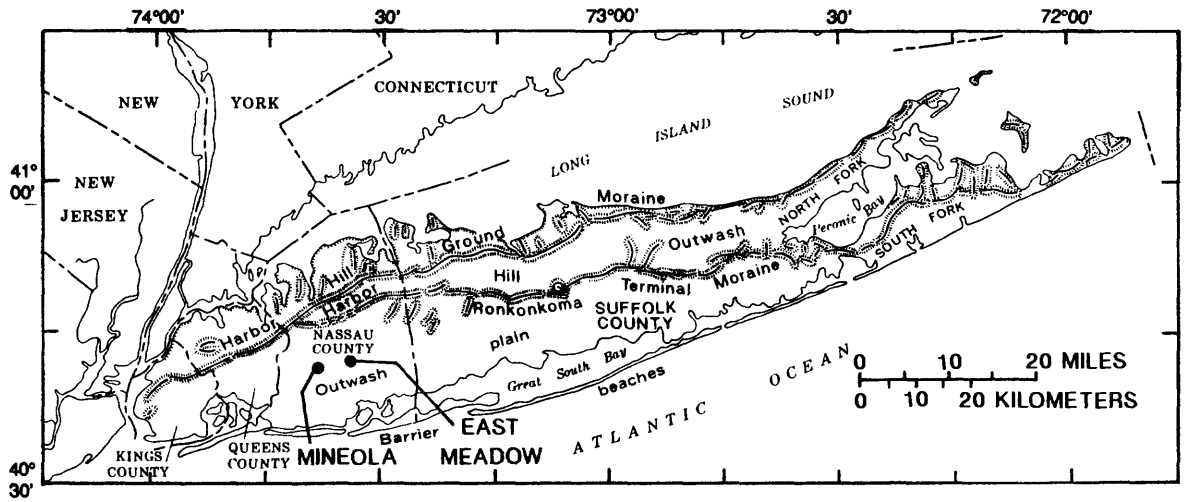

Figure 1.--Location and surface features of Long Island, N.Y. (Modified from McClymonds and Franke, 1972, fig. 2.)

Purpose and Scope

This report presents results of the 1985-88 study. It (1) quantifies the infiltration rates and vertical hydraulic conductivity of recharge basins from previous and new information, (2) shows the distribution of recharge basins and describes factors that affect their ability to transmit runoff, and (3) shows the areal distribution of infiltration rates in relation to surficial geology. The appendix is a table of data on Nassau County recharge basins.

Previous Investigations

Artificial recharge has long been of interest to Long Island's local governments and scientific communities. Several studies (Brashears, 1946; Welsch, 1949; Brice and others, 1956; Holzmacher and others, 1970) have have addressed individual recharge basins, and Seaburn and Aronson (1973) cataloged all recharge basins on Long Island. More recent studies (Prill and Aaronson, 1973; Seaburn and Aronson, 1974; Aronson and Seaburn, 1974; Aronson and Prill 1977; Prill and Aronson, 1978; Ku and Simmons, 1986; Schneider, Ku, and Oaksford, 1987) have addressed the operating efficiency of recharge basins, the effect of stormwater quality on basin efficiency, and the effect of recharge basins on ground-water quality. Flow through the unsaturated zone beneath a recharge basin was analyzed by Prill and others (1979).

Acknowledgments

The water companies in Nassau County allowed use of their hydrant water for infiltration tests. Herbert Rusinoff and Peter Barrere, Nassau County Department of Public Works, Highway and Engineering, furnished recharge-basin data and historical information. James Mulligan of Nassau County Department of Public Works, Water Supply, helped obtain the use of East Meadow Recharge Facility for infiltration tests and provided maps and data as well as assistance in many phases of fieldwork and particle-size analysis.

DESCRIPTION OF STUDY AREA

Long Island is underlain by a thick sequence of unconsolidated sediments consisting of gravel, sand, silt, and clay, which are in turn underlain by the southward dipping crystalline bedrock surface (fig. 2). The thickness of these sediments ranges from zero in northern Queens County, where bedrock is exposed, to more than 2,000 ft in south-central Suffolk County. The characteristics of the aquifers and intervening confining units that form the hydrologic system are summarized in table 1.

Surficial deposits on Long Island generally are the result of the Wisconsinan glaciation (fig. 1). Two terminal moraines form east-west-trending lines of hills of poorly sorted glacial deposits that reach a maximum altitude of 400 ft (fig. 1). A gently sloping outwash plain composed of well-sorted and permeable sand and gravel of glaciofluvial origin extends southward from the line of moraines to the south shore, with a slope of about 20 ft/mi (Cohen and others, 1968). Small, scattered areas of till form localized zones of low permeability. The headlands along the north shore are mainly glacial deposits that were eroded by streams and waves to produce several embayments. The south shore is lined with swamp and marsh deposits. Barrier islands, composed mainly of sand that was transported and deposited by littoral currents, enclose the shallow saltwater bays along the south shore.

Surficial Geology

The surficial material throughout Nassau County consists of Pleistocene deposits, the distribution of which is shown on plate 1. This map is a

Table 1.--Physical characteristics of major hydrogeologic units, Long Island, N.Y.

[Modified from Cohen and others, 1968]

Hydro-geologic unit	Geologic name	Approximate maximum thickness (feet)	Water-bearing character
Upper glacial aquifer	Upper Pleistocene deposits	400	Mainly sand and gravel of moderate to high permeability; also includes clayey deposits of till of low permeability.
Gardiners Clay	Gardiners Clay	150	Clay, silty clay and some fine sand of low to very low permeability.
Jameco aquifer	Jameco Gravel	200	Mainly medium to coarse sand and gravel of moderate to high permeability.
Magothy aquifer	Magothy Formation	1,000	Coarse to fine sand of moderate permeability; locally contains gravel of high permeability in basal section, and abundant silt and clay of low to very low permeability.
Raritan clay	Clay member of the Raritan Formation	300	Clay of very low permeability; some silt and fine sand of low permeability.
Lloyd aquifer	Lloyd Sand Member of the Raritan Formation	300	Sand and gravel of moderate permeability; some clayey material of low permeability. of low permeability.

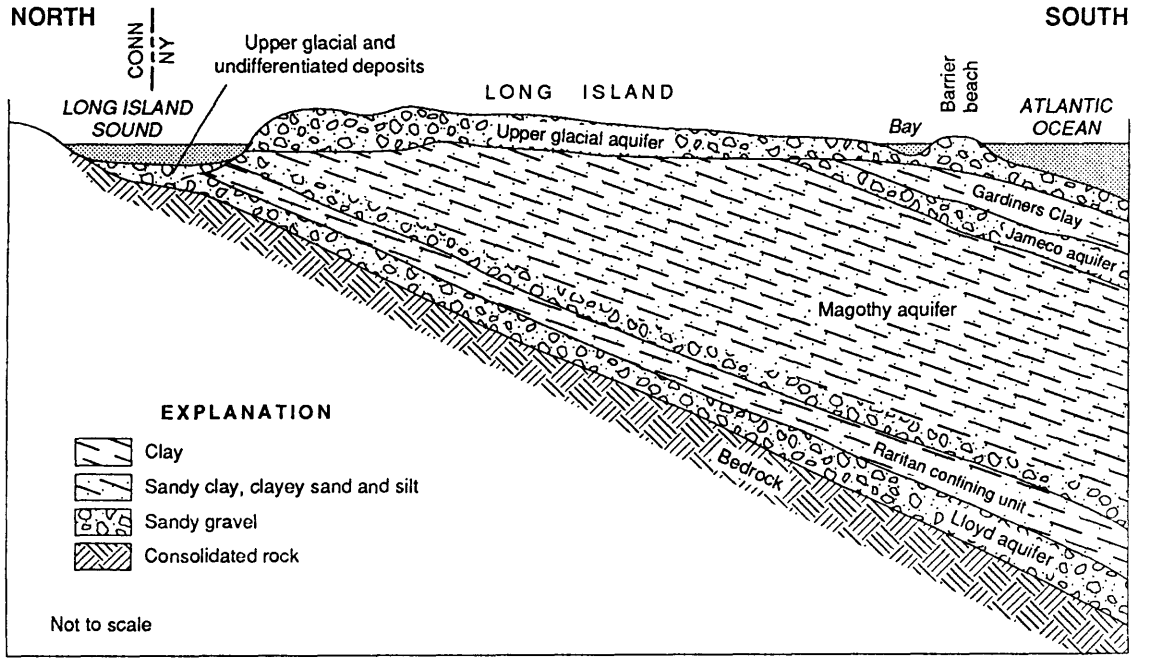

Figure 2.--Major hydrogeologic units of Long Island. (Modified from Cohen and others, 1968, fig. 2C.)

composite made from geologic maps by Isbister (1966), who reported on northeastern Nassau County, Swarzenski (1963), who reported on northwestern Nassau County, and Perlmutter and Geraghty (1963), who reported on southern Nassau County.

Nassau County is divided by the Ronkonkoma terminal moraine (fig. 1), which forms the topographic high of Nassau County. The area south of the moraine is an outwash plain that contains stratified sand and gravel and is well sorted and permeable; the area to the north consists of moraines and isolated areas of stratified material.

Because the various Pleistocene (glacial) deposits have differing water-transmitting properties, the recharge basins excavated into them also have differing infiltration properties.

Soils

The earliest comprehensive soil survey of Nassau and Suffolk Counties was made by Lounsbury and others (1928). A new soil survey was prepared by the U.S. Soil Conservation Service (1982), in cooperation with the Nassau County Soil and Water Conservation District, to include urban developments. Seaburn and Aronson (1973) summarized and tabulated the major soil types in Nassau and Suffolk Counties on the basis of data presented in Lounsbury and others (1928). (See table 2.)

A map showing areas with poorly drained soils was prepared (fig. 3) in an effort to determine the effect of soil type on the performance of the recharge basins. The poorly drained soils represented in this simplified map include those classified by the U.S. Soil Conservation Service (1982) as "somewhat poorly," "poorly," and "very poorly" drained.

The area of poorly drained soils generally coincides with the terminal and ground moraines (pl. 1) and the perched water-table zones (fig. 4) as described by Swarzenski (1963) and Isbister (1966). The locations of recharge-basin sites need to be evaluated individually because the zones of poorly permeable soils are discontinuous. For example, the southeastern part of the perched-water zone (fig. 4) coincides with relatively impermeable ice-contact deposits (pl. 1), and several recharge basins in that area often contain standing water and may overflow during heavy storms.

The soil cover over the southern half of Nassau County consists mostly of sandy loam developed over permeable and well-drained outwash. The exceptions are the fine-grained, organic-rich, marsh soils near the south shore and along the stream valleys.

Surface-soil permeability does not necessarily reflect a recharge basin's infiltration rate because the basin bottoms generally are 10 ft or more below land surface. Soil permeability does affect the runoff characteristics of the area surrounding the basin, however, as well as the sediment load in the stormwater. A particle-size analysis of basin-bottom soil was done for 54 recharge basins; results are presented in the section "Particle-Size Analysis."

Table 2.--Description of equivalent soil units drained by recharge basins in Nassau and Suffolk Counties

[Modified from Seaburn and Aronson, 1973]

Unit[1]	Soil unit in Suffolk County[2]	Equivalent soil unit in Nassau County[2]	General description
1	Haven loam	Sassafrass loam, Haven loam	Yellowish-brown to dark-brown loam and silt loam principally on the outwash plain; well drained and of moderate hydraulic conductivity; substratum consists of coarse sand and gravel.
2	Not defined by Warner	Hempstead loam	Very dark-brown to black silt loam principally on the outwash plains in southern Nassau County; well drained and with moderate hydraulic conductivity; substratum consists of sand and gravel. This soil is similar to Haven loam.
3	Riverhead sandy loam	Plymouth sandy loam, Plymouth fine sandy loam, Plymouth gravelly sandy loam, Sassafrass fine sandy loam	Yellowish-brown to dark-brown sandy loam on outwash plain and moraines; well drained and with moderate hydraulic conductivity; substratum consists of sand and gravel.
4	Peconic mucky sand	Meadow	Light-gray to grayish-brown sand with a surface of black organic matter, occurring principally on the outwash plain and rarely on the moraines; very poorly drained and with low hydraulic conductivity; substratum consists of sand and gravel; water table is at or near the surface most of the year and causes some ponding.
5	Carver and Plymouth sand	Dukes sand	Sandy soils principally on the moraines and outwash plains; excessively drained and with high hydraulic conductivity; they are the dominant soils of the Ronkonkoma moraines and are characterized by a 4- to 6-inch white sand layer below a dark-colored surface; substratum consists of sand and gravel.
6	Plymouth loamy sand	Plymouth loamy sand, Dukes loamy sand	Yellowish-brown to dark-brown loamy sand principally on the slopes of moraines and outwash plains; excessively drained and with high hydraulic conductivity; substratum consists of sand and gravel.
7	Riverhead and Haven soils (shaped)	Not defined by Lounsbury	These soils consist of Haven and (or) Riverhead soils that have been appreciably disturbed during the building of housing developments. The two soils in the unit have similar properties and cannot be readily distinguished in the disturbed condition.
8	Cut and fill	Not defined by Lounsbury	Excessively drained soils that are the results of cut-and-fill operations near housing developments and industrial parks. They contain no recognizable soil horizons.
9	Montauk soils	Not defined by Lounsbury	Yellowish-brown to dark-brown sandy and silty loam principally on the moraines; well drained and with moderate to low hydraulic conductivity; characterized by a hard, compacted layer beginning at depths of about 24 inches; substratum consists of till.

[1] See "Soil Units" in appendix.

[2] Soil-unit names and descriptions are adopted from Warner (1969) for Suffolk County, and Lounsbury and others (1928) for Nassau and Suffolk Counties.

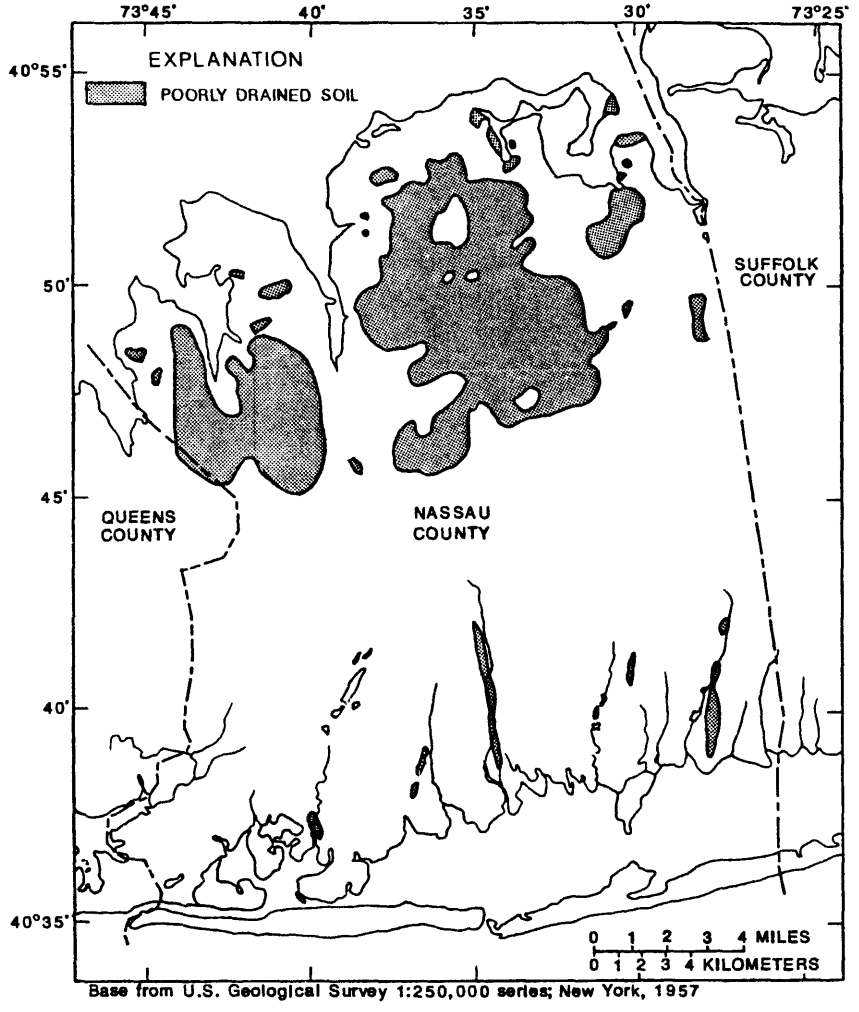

Figure 3.--Extent of poorly drained soils in Nassau County. (Modified from U.S. Soil Conservation Service, 1982.)

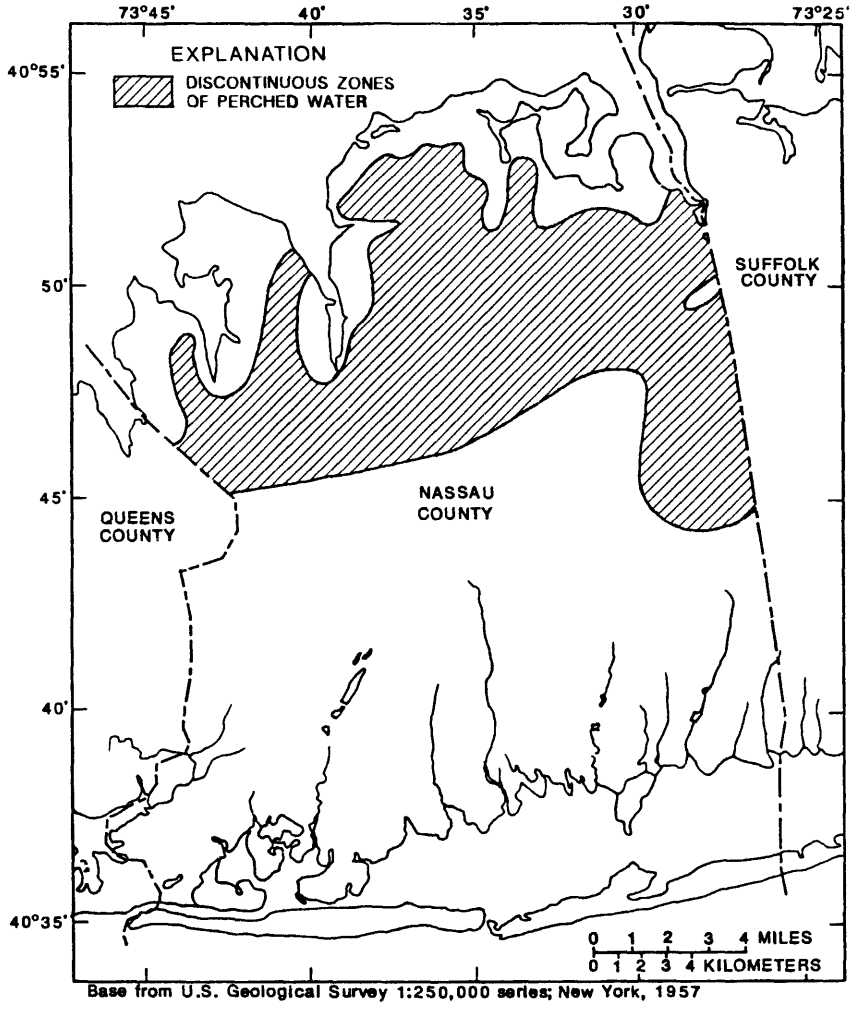

Figure 4.--Extent of discontinuous zones of perched water in Nassau County. (Modified from Swarzenski, 1963, fig. 5; and Isbister, 1966, fig. 7.)

RECHARGE BASINS IN NASSAU COUNTY

Storm runoff in areas away from the island's shores or streams is disposed of through recharge basins. Most of the recharge basins on Long Island are unlined, open pits that receive storm runoff from residential, commercial, and industrial areas and from highways. The area of these basins ranges from 0.1 to 30 acres and averages 1.5 acres. Most recharge basins are closed and do not have overflow structures. The average depth of the basin bottom below land surface is 10 ft, but a few are as deep as 40 ft. Storm runoff reaches recharge basins by way of gutters that drain into street inlets, which in turn drain to sewers that are connected to the basins.

An updated list of data (including location, size, area, altitude, use, geologic unit, and soil unit) for Nassau County basins and previously published data on Suffolk County basins (Seaburn and Aronson, 1973) is given in the appendix. Many new basins have been constructed in Suffolk County since the publication of Seaburn and Aronson (1973), but this report deals only with Nassau County basins. No Suffolk County recharge basins were studied nor were the data on them updated.

The design and construction of recharge basins on Long Island is regulated and approved by the local governments. The two major government agencies in Nassau County are the Nassau County Department of Public Works and the New York State Department of Transportation.

Nassau County has more than 800 recharge basins (fig. 5), most of which are concentrated in a roughly triangular area with the apex at the western County line. The shape reflects the increased use of recharge basins over other means of stormwater disposal as development progressed from west to east. With a few exceptions, the majority of recharge basins are individual basins without an overflow structure.

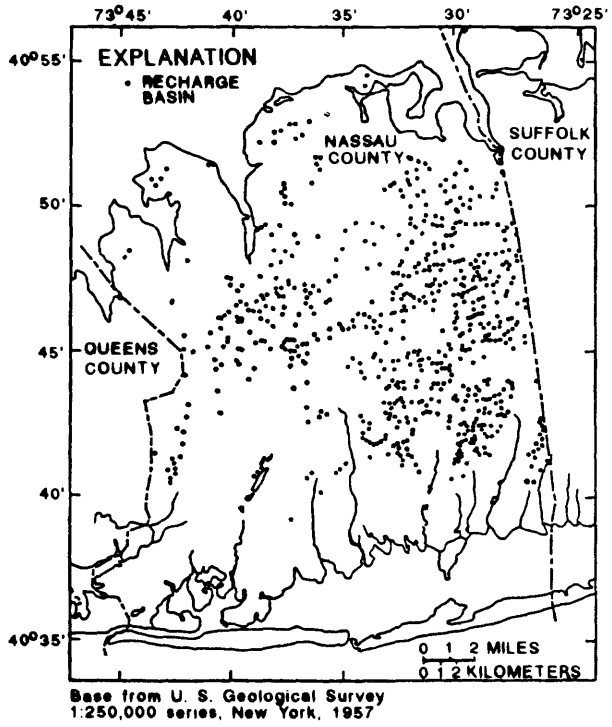

Figure 5.

Locations of recharge basins in Nassau County, 1988.

Design Criteria

The design criteria for stormwater basins on Long Island have been evolving for 50 years. These criteria are based primarily on engineering experience and include a generous safety factor for overflow. In Nassau County, the required capacity of a recharge basin is based on the following assumptions: The basin has no outlet, (2) 5 in. of rain falls per storm (such a storm has a recurrence interval of 10 years, Miller and Frederick, 1969), and (3) the area served by the basin's storm-sewer system is 40 percent impervious in residential areas, 60 percent impervious in business areas, and 90 percent impervious at shopping centers. Any area that drains to a recharge basin but is not served by any storm-sewer system is considered to be 20 percent impervious.

The capacity calculated by this method is known as "required volume" and is calculated as:

$$V_r = 3{,}630\ P\ (0.4\ A_r + 0.6\ A_b + 0.9\ A_s + 0.2\ A_n)$$

where A_b = contributing business area, in acres;
A_n = contributing area not served by a storm-sewer system, in acres;
A_r = contributing residential area, in acres;
A_s = contributing shopping center area, in acres;
P = precipitation, in inches (5 in. was used for Nassau County);
V_r = required volume, in cubic feet.

The value 3,630 is a dimensionless constant used to convert acres to square feet and inches to feet.

For example, basin N594 serves a residential area of 42.3 acres. The drainage area not served by a sewer system is 32.3 acres. The required volume is computed as follows:

$$V_r = 3{,}630\ (5\text{ in.})\ [0.4\ (42.3) + 0.2\ (32.3)]$$

$$= 424{,}000\ \text{ft}^3.$$

The rate of stormwater infiltration into the floor of the recharge basin is omitted from the design equation to provide an additional safety factor in basin construction. Similar design criteria are used by other government agencies on Long Island, but the values assigned to the design (rainfall and runoff) coefficients may differ slightly.

The New York State Department of Transportation issued a report that describes the theory, design procedure, and recommended engineering practices for basin construction and includes an empirical method for basin-size design and diffusion-well (dry-well) design (Weaver, 1971).

Distribution of Clogged Recharge Basins and Factors that Affect Basin Infiltration Rates

Clogged recharge basins are defined as those that retain water for 5 days after a 1-in. rainstorm (Seaburn and Aronson, 1973). In 1969, Aronson and

Seaburn (1974) found that about 9 percent of the recharge basins on Long Island were clogged. Examination of aerial photographs dated April 11, 1969, 6 days after a 1.5-in. rainfall, revealed that 62 basins owned by Nassau County Department of Public Works (approximately 12 percent of the total number of basins in 1969) still contained water. In 1986, 106 out of the 598 recharge basins then owned by the Nassau County Department of Public Works (18 percent) were considered to be clogged (fig. 6), as determined by field inspections during July and August with the criteria developed by Seaburn and Aronson (1973). This indicates a sizable increase in the number of clogged basins in Nassau County since 1969.

Clogged recharge basins on Long Island are determined by four principal factors: (1) the permeability of basin materials, (2) land use within the basin's drainage area, (3) the age of the recharge basin, and (4) intersection of the basin bottom with the local water table. Each of these factors is discussed in the following paragraphs. Despite the large number of clogged basins, few actually overflow or exceed their capacity during a storm. Nearly all basins are able to discharge all storm water through the walls, if not the bottom, under most conditions. Close monitoring of recharge-basin performance, nevertheless, will remain an important component of a complete maintenance program.

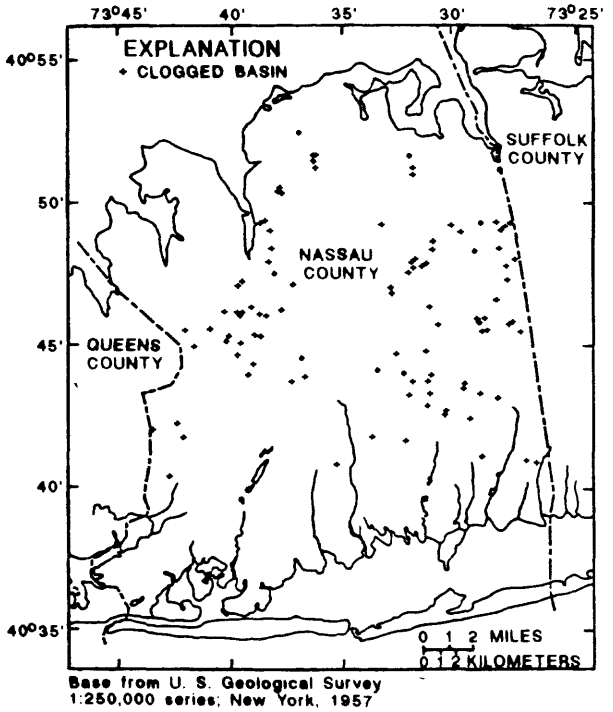

Figure 6.

Locations of clogged recharge basins.

Permeability of Basin Materials

Most of Long Island, especially the southern part, has highly permeable surficial outwash deposits; the central and northern parts are overlain by morainal deposits, which have lower infiltration rates. The area of surficial material with low hydraulic conductivity as determined by the U.S. Soil

Conservation Service (1982) is shown in figure 3. The composition of the surficial material does not necessarily indicate the permeability of the basin bottom, however, because basins are generally at least 10 ft deep.

The northern part of Nassau County is composed mainly of morainal and ice-contact deposits (pl. 1), which have a higher silt and clay content and lower permeability than the well-sorted outwash deposits of the southern part of the island. The geologic control over the permeability and therefore the infiltration rate of the recharge basin becomes evident when the surficial geology (pl. 1), the distribution of perched water (fig. 4), and the basin-soil grain size (fig. 7) are viewed together.

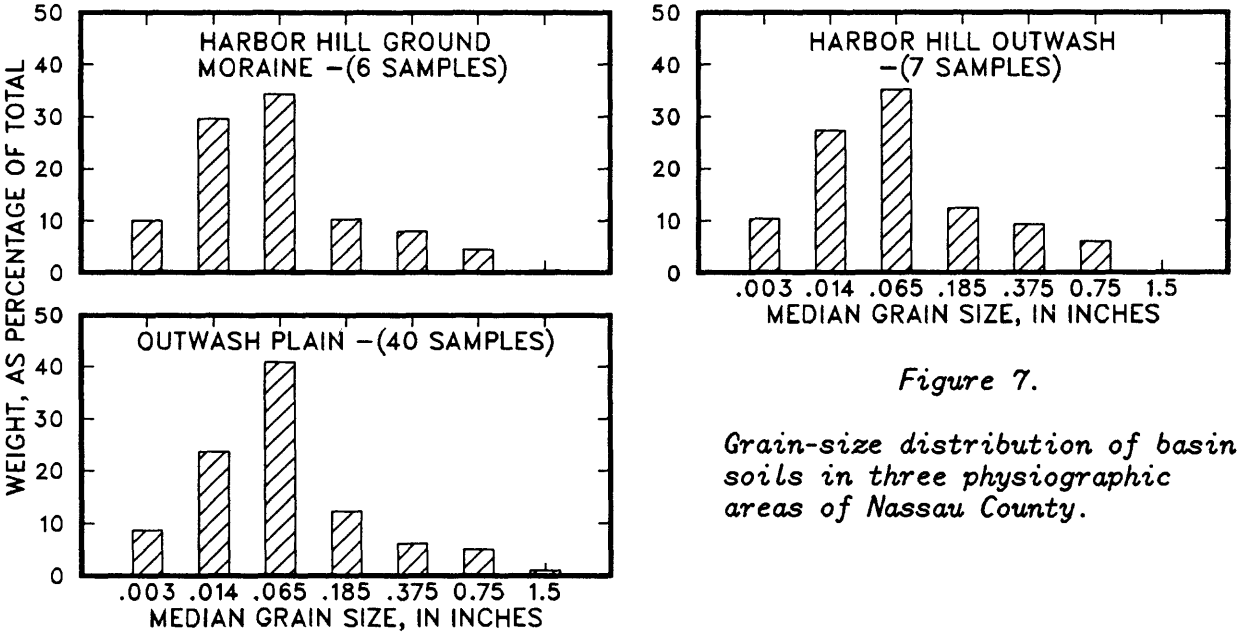

Figure 7.

Grain-size distribution of basin soils in three physiographic areas of Nassau County.

To further ascertain the effect of surficial geology on recharge-basin performance, the basins were grouped according to geologic character, and the number of clogged basins in each category was tabulated. The percentage of clogged Nassau County basins in each geologic unit (pl. 1) is listed below:

Geologic unit	Percentage clogged	Total number of basins in unit
Ice-contact deposits	28	36
Harbor Hill Drift		
Harbor Hill end moraine	19	21
Harbor Hill ground moraine	25	61
Harbor Hill outwash deposits	22	77
Ronkonkoma Drift		
Ronkonkoma terminal moraine	36	25
Outwash plain deposits	14	355

The preceding list indicates that recharge basins on the outwash plain dispose of water more rapidly than those in morainal deposits. The glaciofluvial deposits, although stratified, are relatively poorly sorted and, therefore, do not have high infiltration rates. Outwash-plain deposits are well-sorted sand or sand and gravel and therefore have the highest infiltration rates, on average.

The potential performance of any recharge basin must be judged individually because the morainal and ice-contact deposits in which they are excavated may contain discontinuous clay units. Thus, test drilling and coring of subsurface material at each site can provide information on potential basin performance before the basin location is selected.

Particle-Size Analysis

Soil consists of particles of many sizes; the particle size and distribution both affect the soil's ability to transmit water. Three soil samples were collected from each of 54 recharge basins in Nassau County for particle-size analysis, and all were collected from an area in each basin near the inflow, where infiltration is likely to occur even after light precipitation. In general, sampling points formed a triangular pattern, with one near the inflow, and the other two about 20 ft from the first and from each other. Samples were collected with a 4-in. hand-auger drill to a depth of 6 in.

The samples were analyzed by the Nassau County Department of Public Works Laboratory. The three samples from each basin were combined, dried, and split into composite subsamples before being sieved.

After the analyses were completed, the results from the 54 basins were divided into four units according to the surficial geology at each basin, as shown in table 3 (Isbister, 1966; Perlmutter and Geraghty, 1963; Swarzenski, 1963). These units are the Ronkonkoma terminal moraine, Harbor Hill ground moraine, Harbor Hill outwash, and outwash plain (pl. 1). Forty samples were collected from the outwash plain, one from the Ronkonkoma terminal moraine, six from the Harbor Hill ground moraine, and seven from the Harbor Hill outwash. All data from each of the three geologic units from which more than one sample was collected were combined to derive a median percentage for each particle size present in that deposit.

Median percentages of grain size for basin soils overlying the three geologic units are similar (fig. 7). Each unit has no more than 1 percent (by weight) of the 1.5-in. grain size (very large pebbles) (Krumbein and Sloss, 1963), and each consists mostly of the 0.065-in. grain size (very coarse sand). This grain size ranges from 34 percent of the soil samples, by weight, for basins on the Harbor Hill ground moraine to 40 percent for basins on the outwash plain. The second largest percentage is the 0.014-in. size (medium sand), which ranges from 23.5 percent to 29.5 percent of the soil, by weight.

Calculations of the sorting coefficient (Krumbein and Sloss, 1963) of each unit indicates the outwash plain soils to be well sorted and the Harbor Hill ground moraine, Harbor Hill outwash, and Ronkonkoma terminal moraine basin soils to be moderately well sorted. Poorly sorted deposits are expected to have lower porosity than well-sorted deposits.

Table 3.--Grain-size distribution of recharge-basin soils

[Soil locations are shown on pl. 1; values are in percent by weight; >, less than; basin locations are given in appendix]

Basin number	Grain size, in inches						
	>1.5	1.5->0.75	0.75->0.375	0.375->0.185	0.185->0.065	0.065->0.014	0.014->0.003
Ronkonkoma terminal moraine							
N513	0	6	3	5	31	35	20
Harbor Hill ground moraine							
N192	2	3	6	9	29	31	20
N206	0	2	4	12	46	33	3
N215	0	5	10	12	39	28	6
N469	0	4	6	11	43	30	6
N539	9	9	10	9	20	20	23
N563	1	8	10	10	28	29	14
Harbor Hill outwash							
N18	0	6	11	12	37	29	5
N143	0	7	9	9	35	27	13
N415	0	1	2	4	24	49	20
N425	0	0	2	6	32	33	27
N482	0	6	8	16	42	19	9
N527	2	5	13	15	29	27	9
N594	0	7	9	13	39	22	10
Outwash plain							
N1	0	0	4	10	44	34	8
N16	7	11	10	12	36	20	4
N29	0	2	6	16	37	20	19
N38	0	3	2	6	47	30	12
N68	5	5	6	8	37	27	12
N78	0	0	1	6	46	38	9
N98	6	3	5	15	47	20	4
N121	2	2	5	12	45	29	5
N132	0	3	5	8	43	35	6
N140	7	8	10	13	38	16	8
N150	0	5	8	11	41	24	11
N153	10	6	13	18	36	13	4
N155	3	5	6	11	46	23	6
N186	5	6	5	5	36	29	14
N187	5	1	2	12	45	24	11
N202	0	3	5	14	45	25	8
N213	0	1	5	9	50	27	8
N219	2	7	9	11	39	26	6
N236	5	1	3	16	39	26	10
N254	0	5	3	7	35	25	25
N260	0	5	9	13	45	22	6
N261	3	12	11	11	22	28	13
N313	0	5	7	12	42	22	12
N315	0	4	5	9	59	21	2
N325	6	7	9	11	34	22	11
N328	7	8	8	12	40	21	4
N334	0	11	11	11	40	17	10
N343	1	8	13	16	41	17	4
N344	0	3	5	10	47	24	11
N352	3	7	12	12	38	20	8
N353	5	6	6	12	45	21	5
N361	1	10	15	19	37	16	2
N363	0	4	7	12	43	27	7
N365	0	5	5	17	38	23	12
N439	2	7	6	11	40	28	6
N444	0	1	5	17	29	21	27
N504	10	12	12	11	27	19	9
N540	3	11	11	14	32	19	10
N549	0	1	2	18	45	24	10
N556	0	3	5	9	41	31	11

Land Use in the Drainage Areas of Recharge Basins

The types of land use in the drainage area of a recharge basin is a major factor in the clogging of the basin. Aronson and Seaburn (1974) found that 28 percent of basins in commercial and industrial areas were clogged. As part of the U.S. Environmental Protection Agency's Nationwide Urban Runoff Program, Ku and Simmons (1986) studied one recharge basin that was used solely to collect stormwater from a shopping center and found it to be clogged and to contain water all the time. An adjacent recharge basin that collects storm runoff from a residential area is dry during fair weather. The high percentage of clogged recharge basins in commercial areas is probably due to the relatively large inflow of asphalt, grease, oil, tar, and rubber particles in runoff from the adjacent parking fields (Seaburn and Aronson, 1974).

Intersection of Basin Bottom with Local Water Table

A few basins that have been designated as clogged are not actually clogged but, rather, intersect the water table. Most of these are near the south shore, where the water table is just below land surface most of the year. Included in this category are a few basins that were built during the 1962-66 drought, when the water table was lower than normal. As the water table recovered, the basin floors became flooded (Aronson and Seaburn, 1974).

Age of Basins

The oldest recharge basins in Nassau County were constructed in the 1930's. The graph in figure 8A shows the number of recharge basins built since 1930, in 5-year increments. By 1988, the Nassau County Department of Public Works maintained 598 basins, of which about 70 percent were built during 1950-59. About 17 percent of these are clogged (fig. 8B), as are more than 50 percent of those built before 1950 (fig. 8B). These data suggest that the efficiency of recharge basins decreases with age. The cause of clogging with age is not clear but may be the accumulation of fine sediment and debris on the basin floor and microbial activity within the surface sediment. The increasing age of the basins, coupled with changing land use, may pose a potential for flooding in the future.

Crest-Stage-Gage Measurements

The granulated-cork crest-stage gage (fig. 9) is an effective and inexpensive way of determining the efficiency of recharge basins. The ability of stormwater to infiltrate recharge basins is difficult to estimate because many variables are involved, such as geology, basin size, type and size of contributing area, slope, and rainfall duration and intensity. Also, the maximum water stage in the recharge basin is difficult to observe because it is a short-lived event. A study of urban storm runoff on Long Island by Ku and Simmons (1986) showed that the flow into the recharge basin responds quickly to changes in rainfall intensity, and the high infiltration rate in many areas causes the water level to drop quickly once the rainfall intensity slackens. With crest-stage gages, one can determine which recharge basins are approaching capacity and which have excess storage capacity.

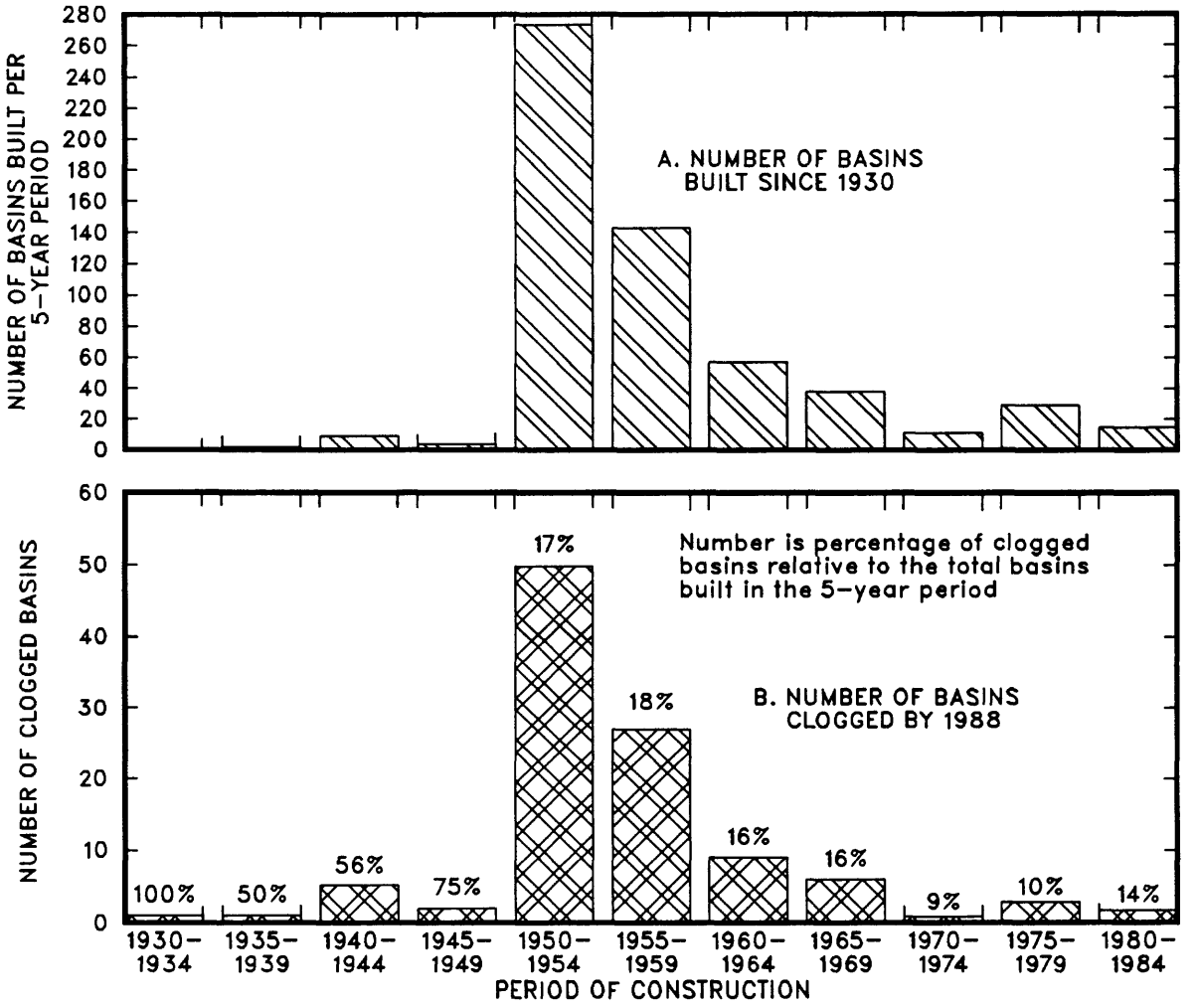

Figure 8.--Number of recharge basins in Nassau County through time: A. Basins built since 1980. B. Basins clogged by 1988.

Crest-stage gages were installed in 58 recharge basins in Nassau County. Most of the infiltration tests were run in these basins, although some tests were run in basins in which a crest-stage gage was not installed. The locations of basins with crest-stage gages are indicated in figure 10 (p. 18) and table 4. In this study, most of the gages were installed near the storm-water inlet at the bottom of the basin and were anchored to the wing wall of the culvert inlet. The base of the gage was placed as close to the ground as possible so that the water level indicated by the crest-stage gage would represent the maximum height of water in the basin.

Gages at the few basins that either contain water all the time or that could contain enough water to hinder access to the culvert were secured to a metal post that was driven into the basin floor. The base of the gage was placed as close to the floor as possible so that the water level indicated by the gage would represent the height of water in the basin.

After all crest-stage gages were installed, the first reading was made on May 29, 1985. Approximately eight readings were made at each gage; the last was made on July 1, 1987.

Of the 58 recharge basins studied, 20 had 5 ft or more of standing water at least once during the 3-year study. The locations of these basins are shown in figure 11 (p. 18); the number of times the water depth equaled and exceeded 5 ft is shown in figure 12 (p. 19). In nine basins, the water depth equaled or exceeded 5 ft once, and in one basin, it exceeded the 5-ft depth

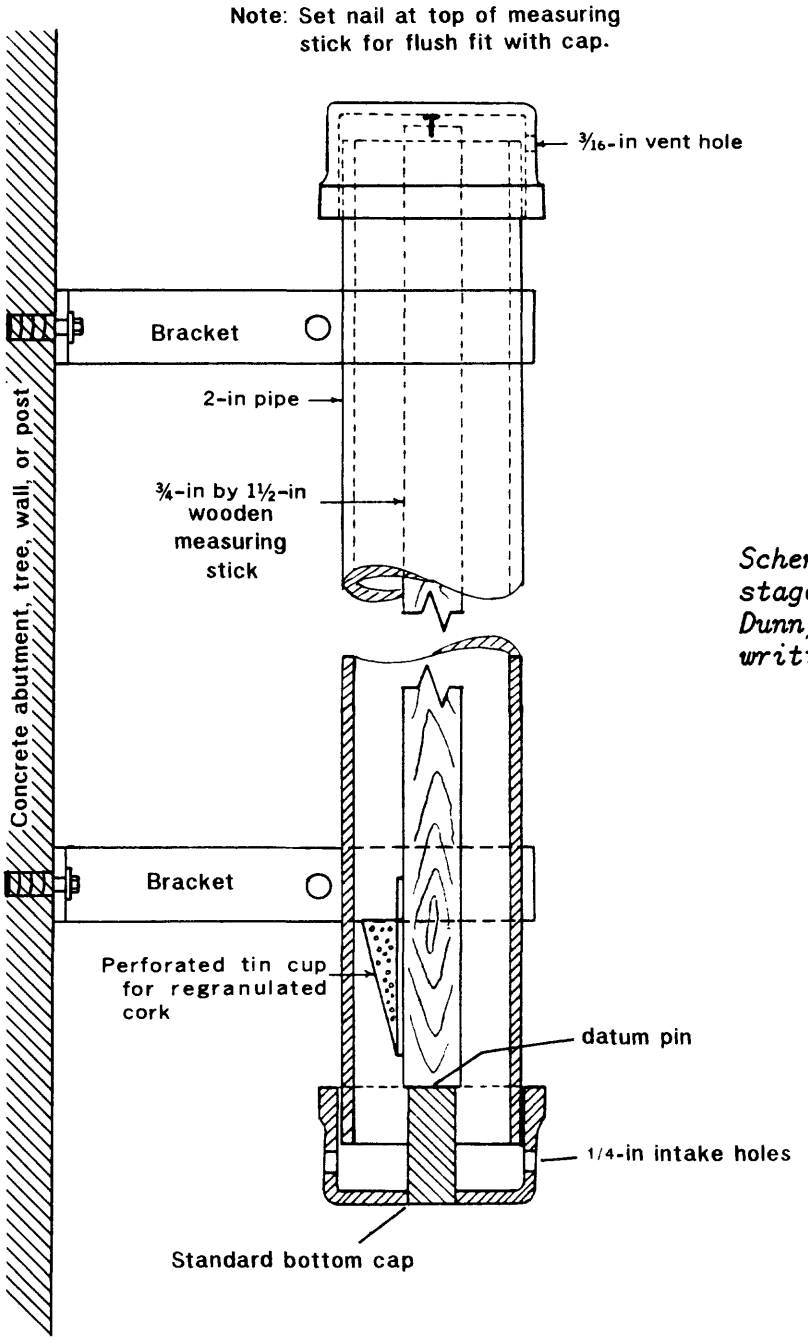

Figure 9.

Schematic drawing of crest-stage gage. (From Bernard Dunn, U.S. Geological Survey, written commun., 1979.)

Table 4.--Recharge basins with crest-stage gages

[Locations described in appendix]

Recharge-basin number	Village	Recharge-basin number	Village
N 1	Elmont	N 261	Plainview-Bethpage
N 18	Albertson	N 307	Roslyn Estates
N 29	Levittown	N 313	Hicksville
N 36	Levittown	N 315	Westbury
N 68	Hicksville	N 332	Woodbury
N 78	Elmont	N 334	Jericho
N 91	Lake Success	N 340	Old Bethpage
N 98	Carle Place	N 344	Locust Grove
N 101	Albertson	N 354	Bethpage
N 111	East Meadow	N 361	Locust Grove
N 121	Floral Park	N 363	North Bellmore
N 123	Garden City	N 365	Old Westbury
N 132	Garden City Park	N 415	Herricks
N 140	Westbury	N 425	Syosset
N 143	Old Westbury	N 444	Plainview
N 150	Westbury	N 463	New Hyde Park
N 153	Westbury	N 466	Locust Grove
N 155	East Meadow	N 469	Glen Cove
N 178	Hicksville	N 482	Muttontown
N 186	Baldwin	N 504	Woodbury
N 187	North Bellmore	N 513	Old Westbury
N 192	Brookville	N 527	Muttontown
N 202	Seaford	N 539	Oyster Bay Cove
N 206	East Norwich	N 540	Uniondale
N 213	Plainedge	N 549	Old Westbury
N 215	Glen Head	N 556	East Meadow
N 236	South Farmingdale	N 594	Old Westbury
N 254	Wantagh-Massapequa	N 325	Bethpage
N 260	Plainview	NP 1	Muttontown

five times. Two basins have incomplete records as a result of vandalism. The largest storm during the study produced 2.9 in. of rain in 24 hours.

Although 20 basins contained 5 ft or more of stormwater at least once, most of them contained no water a few days after the storm, and none indicated that overflow had occurred. Several of the basins that reached a 5-ft water depth are considered to be clogged. These basins were not dry when visited after heavy rainfall (2.9 in. per 24 h), but the water levels had returned to near normal (pre-storm) depth (less than 2 ft). Of the 58 recharge basins with crest-stage gages, 38 did not become ponded to 5 ft at any time. Most recharge basins are at least 10 ft deep, and all are designed for 5-in. storms (in 24 h) without infiltration and overflow. Therefore, the amount of rainfall during this study was inadequate to determine the excess storage capacity of the gaged basins.

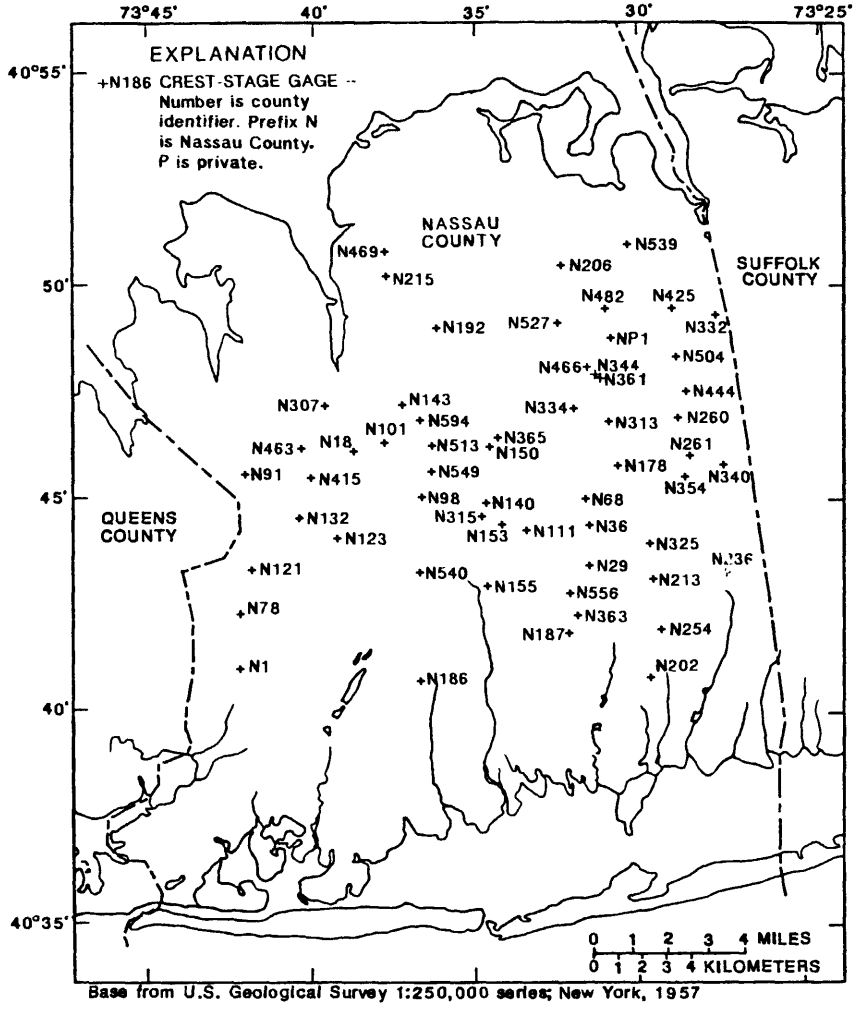

Figure 10.--Locations of recharge basins with crest-stage gages.

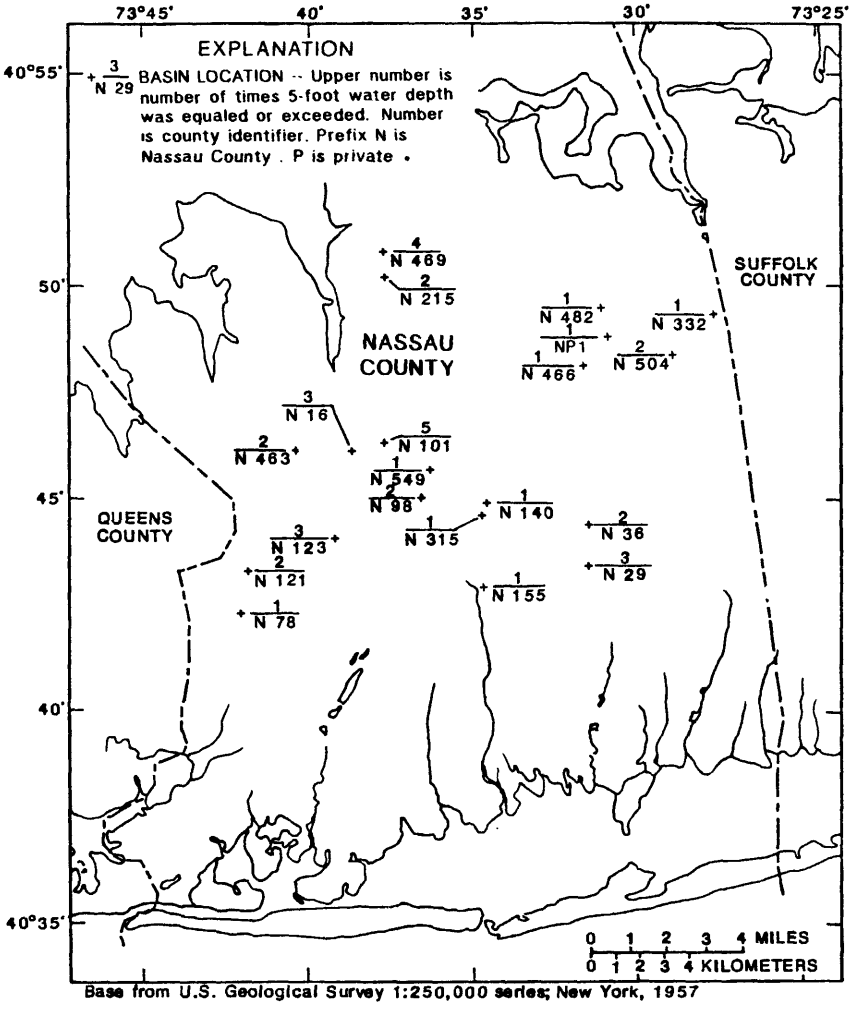

Figure 11.--Locations of recharge basins that contained 5 feet or more of storm water at least once during study (1985-87).

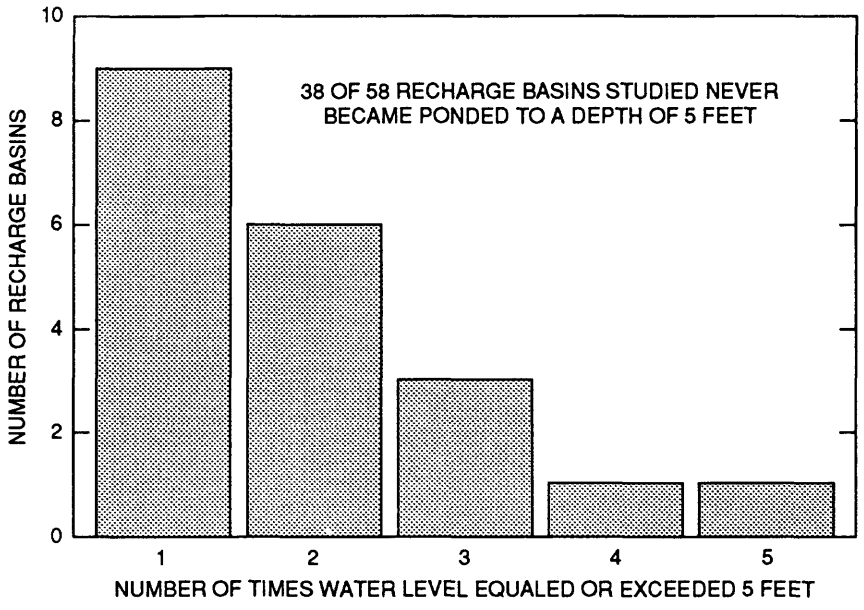

Figure 12.

Number of times water depth in basins equaled or exceeded 5 feet during study (1985-87).

METHODS OF DETERMINING INFILTRATION RATE AND HYDRAULIC CONDUCTIVITY

Concern as to the ability of recharge basins on Long Island to dispose of stormwater has prompted several studies of basin infiltration in the past. Prill and Aronson (1978) described a ponding test at a basin excavated in outwash. Aronson and Seaburn (1974) monitored three recharge basins. Ku and Simmons (1986) investigated the water quality and hydrologic properties of five recharge basins in Nassau and western Suffolk Counties. The 1985-87 study expanded on these previous studies to depict the areal distribu-tion of basin recharge rates.

Selection of Test Basins

Recharge basins in all parts of the county were selected as test sites for evaluation of their ability to transmit runoff and their average annual recharge. Selection of test sites was done on the basis of geographical distribution, surficial geology, and age of the basin. The selected sites represent the outwash plain, morainal deposits, and sandy or clayey soils. A total of 51 test basins were selected for study (fig. 13). Several points (called sites A through F) were selected within each basin for infiltration tests. Table 5 lists the recharge basin number, the nearest village, the site of the infiltration test within the basin (sites A through F, all within 50 ft of the stormwater inlet), and the starting date and time of the test.

Instruments used to conduct the tests included a double-ring infiltrometer, crest-stage gages, and tensiometers. Other considerations in the selection of test basins were the availability of a nearby fire hydrant (source of water) and a point within the basin that was relatively secure for the installation of the crest-stage gages, which were permanently mounted in most of the basins.

Table 5.--Recharge basins tested for infiltration rates

[Basin locations shown in fig. 13. Dashes indicate no test]

Basin number	Village	Date Yr Mo D	Starting time Site A	Site B	Site C	Site D	Site E	Site F
EM 2	East Meadow	86-04-28	1130	1130	--	--	--	--
		86-09-23	1010	1010	--	--	--	--
N 1	Elmont	86-05-12	0930	0930	--	--	--	--
N 16	North Merrick	86-07-09	0912	0912	--	--	--	--
N 18	Albertson	86-06-27	0905	0905	--	--	--	--
N 29	Levittown	86-05-27	0915	0915	--	--	--	--
N 68	Hicksville	85-07-24	1000	1000	1140	1148	--	--
N 78	Elmont	86-05-13	0940	0940	--	--	--	--
N 98	Carle Place	85-08-13	0838	0838	--	--	--	--
N 121	Floral Park	86-05-14	1045	1045	--	--	--	--
N 132	Garden City Park	86-05-15	0901	0901	--	--	--	--
N 150	Westbury	85-08-02	0911	0911	1120	1120	--	--
		86-09-10	--	--	--	--	0931	0931
N 153	Westbury	85-08-09	0911	0912	1125	--	--	--
N 155	East Meadow	85-08-12	0917	0917	1148	--	--	--
N 186	Baldwin	86-05-16	0920	0921	--	--	--	--
N 187	North Bellmore	85-08-23	0910	0910	1150	--	--	--
N 192	Brookville	86-06-25	0855	0855	--	--	--	--
N 202	Seaford	85-08-22	0850	0850	1125	--	--	--
N 206	East Norwich	86-06-24	0907	0907	--	--	--	--
N 213	Plainedge	85-09-04	0853	0853	--	--	--	--
N 215	Glen Head	86-06-26	0905	0905	--	--	--	--
N 219	East Meadow	86-07-10	0903	0903	--	--	--	--
N 236	Farmingdale	85-08-15	0852	0852	--	--	--	--
N 254	Wantagh-Massapequa	85-08-20	0915	0915	1121	--	--	--
N 260	Plainview	85-07-29	0920	0920	1127	1128	--	--
N 313	Hicksville	85-09-06	0850	0850	--	--	--	--
N 315	Westbury	85-08-07	0908	0908	1144	--	--	--
N 325	Bethpage	85-09-05	0910	0910	--	--	--	--
N 328	East Meadow	86-07-21	0900	0904	--	--	--	--
N 334	Jericho	86-06-09	0906	0906	--	--	--	--
		86-08-06	--	--	0946	1004	--	--
N 343	Uniondale	86-07-08	0913	0913	--	--	--	--
N 344	Locust Grove	86-06-11	0923	0923	--	--	--	--
N 352	East Meadow	86-07-23	0852	0852	--	--	--	--
N 353	East Meadow	86-07-22	0903	0903	--	--	--	--
N 361	Locust Grove	86-06-10	0911	0911	--	--	--	--
N 363	North Bellmore	85-08-26	0855	0850	--	--	--	--
N 365	Old Westbury	85-08-05	0925	0920	1141	--	--	--
N 415	Herricks	85-09-19	0900	0900	--	--	--	--
N 425	Syosset	86-05-28	0917	0917	--	--	--	--
N 439	East Meadow	86-07-25	0851	0849	--	--	--	--
N 444	Plainview	85-07-25	0911	0911	1112	1112	--	--
N 482	Muttontown	86-05-29	0941	0941	--	--	--	--
N 485	Plainview	86-08-04	0931	0931	--	--	--	--
N 504	Woodbury	85-09-18	0910	0910	--	--	--	--
N 513	Old Westbury	85-07-31	0905	0905	1050	--	--	--
N 527	Muttontown	86-05-30	0858	0858	--	--	--	--
		86-09-09	--	--	0950	0950	--	--
N 539	Oyster Bay Cove	86-06-23	0914	0914	--	--	--	--
N 540	Uniondale	86-07-07	0938	0945	--	--	--	--
N 549	Old Westbury	85-08-01	0922	0922	1135	1135	--	--
N 556	East Meadow	85-08-27	0942	0942	--	--	--	--
N 563	Laurel Hollow	86-08-05	0931	0931	--	--	--	--
N 594	Old Westbury	85-07-30	0900	0900	1128	1128	--	--
NP 1	Muttontown	85-08-14	1031	--	--	--	--	--

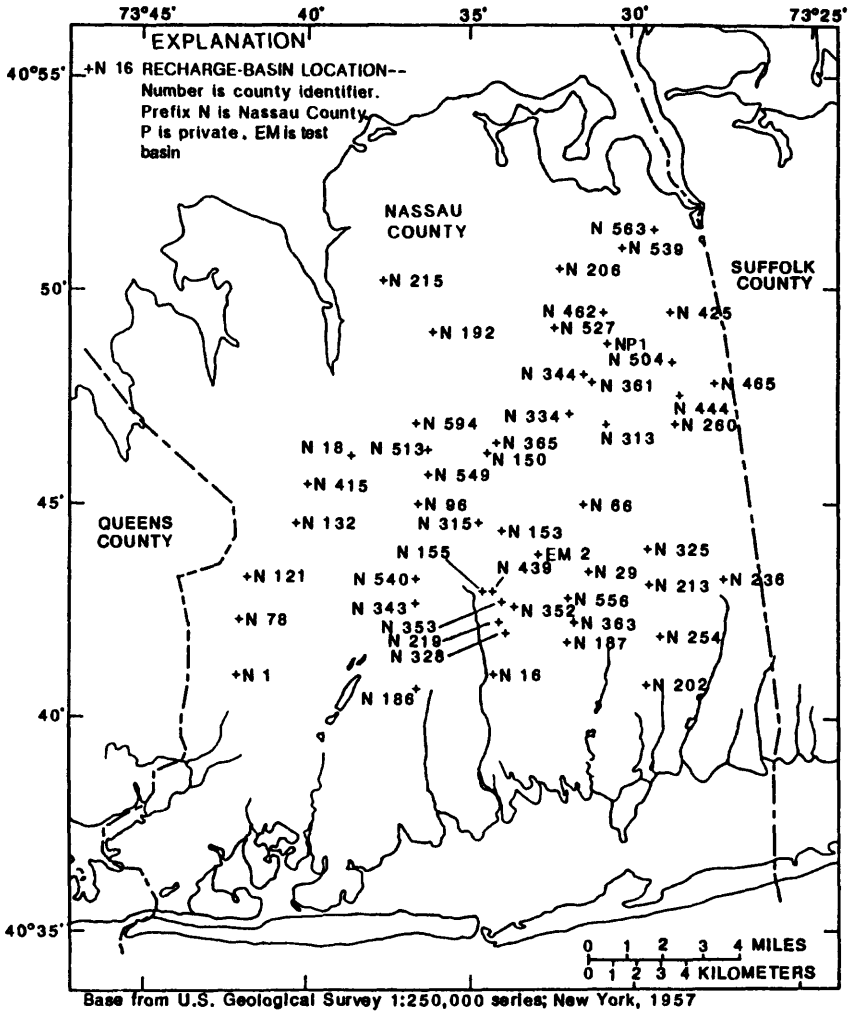

Figure 13.

Locations of recharge basins tested for infiltration rate. (Locations are listed in table 5.)

Double-Ring Infiltrometer

The double-ring infiltrometer was selected for this study because it is easy to assemble and set up in the field and gives consistent results (Musgrave and Holtan, 1964; Slater, 1957). The device consists of two concentric cylinders (fig. 14). Both are filled with water, and the rate of infiltration into the soil is calculated. The double-ring design minimizes nonvertical flow because the water in the outer ring forms a buffer area. The infiltration rate measured in the center ring was assumed to be indicative of the vertical component of flow. A 15-in. inside diameter was selected because a ring diameters of at least 4 in. give considerably more consistent results than rings of smaller diameter (Slater, 1957; Aronovici, 1955). The outer ring was made of 1/4-in.-thick steel with a diameter of 30 in. and a height of 24 in. (fig. 14). Two bent 1/2-in. steel round bars were installed at the top of the ring to serve as handles. A vertical slot 6 in. long and 9/16 in. wide was cut into the side 4 in. below the top to provide an overflow. The bottom edge of the ring was bevelled to facilitate twisting into the ground. The inner ring also was made of 1/4-in.-thick steel and was 24 in. high with an inside diameter of 15 in. All other specifications were the same as for the outer ring, except that the inner ring had no overflow slot.

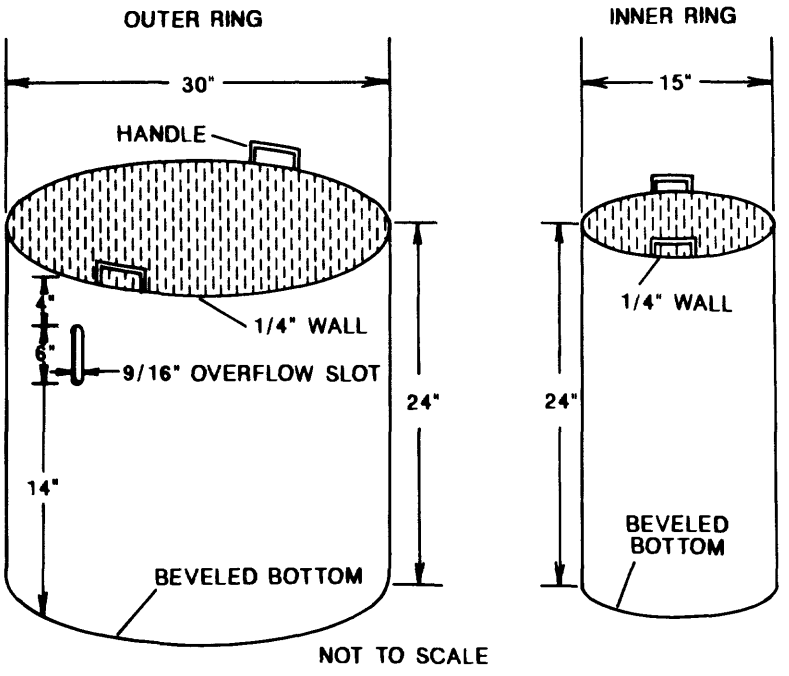

Figure 14.

Double-ring infiltrometer.

Recharge basins become only partly flooded during most storm-runoff periods. The runoff usually collects near the outfall apron and infiltrates into the ground within a few hours after the cessation of runoff. The extent of the ponded area is evident from the soil and vegetation; the flooded areas generally have dark, fine-grained topsoil with a luxuriant stand of vegetation, whereas the rest generally has sparse vegetation with exposed sandy soil. The areas near the outfall aprons were selected for installation of the double-ring infiltrometer. Generally these sites were no more than 50 ft from the apron.

Each recharge basin was allowed to dry after a rainfall. A dry area near the inflow was chosen, and rocky and pebbly areas were avoided to prevent difficulty in sealing the bottom of the double-ring infiltrometer against leakage. In general, one site at the level of the bottom of the inflow pipe and one at a high elevation were chosen. First the outer ring, then the inner ring, were carefully driven 4 to 6 in. into the ground by rotating and pounding. Care was taken to minimize the disturbance of the soil and surrounding vegetation within the rings. The rings were seated into the soil, and additional soil was piled against the outside of the outer ring to reduce the likelihood of leakage.

After multiple sets of double-ring infiltrometers were installed (a maximum of two sets per basin at any given time), municipal water was brought in from the nearest fire hydrant or from storage tanks. The water supply was divided between two hoses near each infiltrometer. One line fed water into the outer ring, and the water level in this ring was maintained at 10 to 12 in. above ground surface by manual adjustment of the flow rate. Excess water was channeled out of the outer ring through the slot on its side. The other hose fed water into the inner ring. The amount of water flowing into the inner ring was monitored by a water meter that was accurate to $\pm$ 1 percent. A float-and-valve system automatically maintained the water level in the inner ring at 1 ft above land surface.

The initial reading on the flow meter was recorded. Before any water was fed into the inner ring, the inner and outer rings were allowed to fill to the 1-ft level. After the 1-ft level was reached in the inner ring, the total number of gallons needed to maintain that level in the inner ring, and the water temperature, were recorded at regular intervals, usually every 15 min.

At the end of the test, the infiltration rate was calculated for each 15-min. interval between readings. The number of gallons recorded by the flowmeter was then converted to cubic feet per hour, and this flow rate was then converted to infiltration rate by dividing by 1.23 ft^2 (the area of the bottom of the inner ring). The resulting infiltration rate is expressed in feet per hour.

Water-Manometer Tensiometer

To compute vertical hydraulic conductivity from the infiltration data collected with the double-ring infiltrometer, a water-manometer tensiometer was installed to measure head at depth. Clogging at the recharge basin floor generally forms a zone that controls the infiltration rate. During recharge, flow in this zone is typically saturated and rarely extends more than 1 ft below land surface. Therefore, the tensiometer was installed at a depth of 1 ft to monitor the head values needed to compute the saturated vertical hydraulic conductivity.

Water-manometer tensiometers were installed before constant-head infiltration tests with the double-ring infiltrometer at nine recharge basins and at the East Meadow recharge site (Schneider and others, 1987, fig. 1). Vertical hydraulic conductivity is computed from Darcy's equation expressed in terms of hydraulic conductivity (Prill and Aronson, 1978, p. 17) by

$$k = \frac{q}{dh/d\ell + 1} \frac{V_2}{V_1}, \qquad (1)$$

where k = vertical hydraulic conductivity (ft/d),
q = infiltration rate (ft^3/d),
$d\ell$ = thickness of soil zone tested (1 ft),
dh = difference in head (ft) between the water level in the manometer-tensiometer and the water level in the infiltrometer,
V_1 = kinetic viscosity of water at 60 °F,
V_2 = kinematic viscosity of water in the infiltrometer.

A generalized diagram of a water-manometer tensiometer, placed 1 ft below land surface (ℓ = 1 ft) and showing the location of the measured properties for the above equations, is shown in figure 15.

The operation and use of water manometers installed and read from land surface is described by Oaksford (1978). The modified tensiometer built for use in this study is made from 1/4-in. (inside diameter) plastic tubing that is bent into a J shape (fig. 15). The short arm of the J is exactly 1 ft long and covered with porous membrane (0.015-mesh stainless-steel screen). The system is operated by filling the J tube with gas-free water and placing it between the inner and outer rings in an augered hole 2 ft deep. The hole is

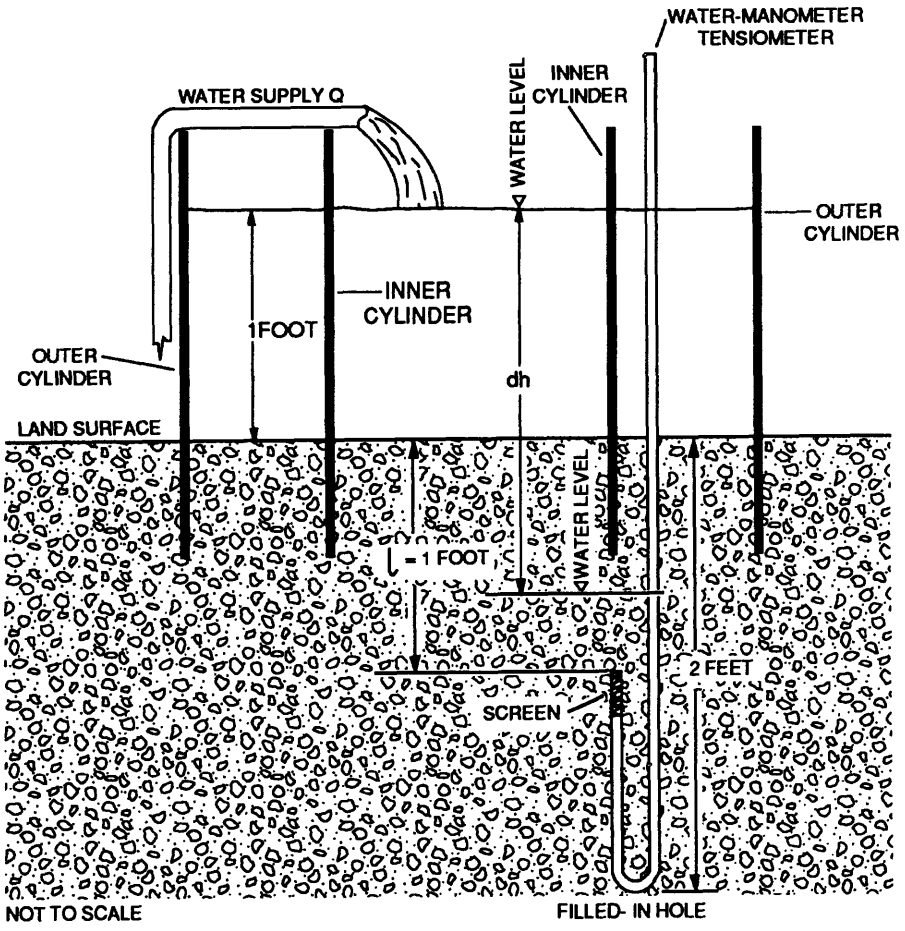

Figure 15.--Field installation of water-manometer tensiometer.

positioned as equidistant from the rings as possible without greatly disturbing the soil column. The tensiometer is then lowered into the hole with the screened end placed 1 ft below the land surface (l = 1 ft). Voids between the unit and the soil are carefully backfilled with previously excavated material (fig. 15). The principle of tensiometer operation is straightforward. As the water content of the soil decreases, water moves into the soil through the porous membrane, which draws down the water in the manometer until the pressure outside the porous membrane is balanced by the height of the water in the manometer. The converse is true when the water content of the soil is increased, as is the case during the infiltration tests.

The water level in the manometer is measured with a coaxial wire and ohmmeter. One end of the coaxial wire is connected to the ohmmeter, and the other is lowered through the tube for contact with the water. The wire is stripped, as shown in figure 16, to avoid measurement interference by water droplets at the end of the wire. An index mark is placed on the wire such that when the wire is inserted into the manometer tube, the index mark will be at the zero point on the scale when the outer conductor is even with the top of the porous membrane. This calibrated wire is then lowered into the manometer tube until the outer conductor touches water. The point of contact is indicated by the sharp decrease in resistance measured in the ohmmeter.

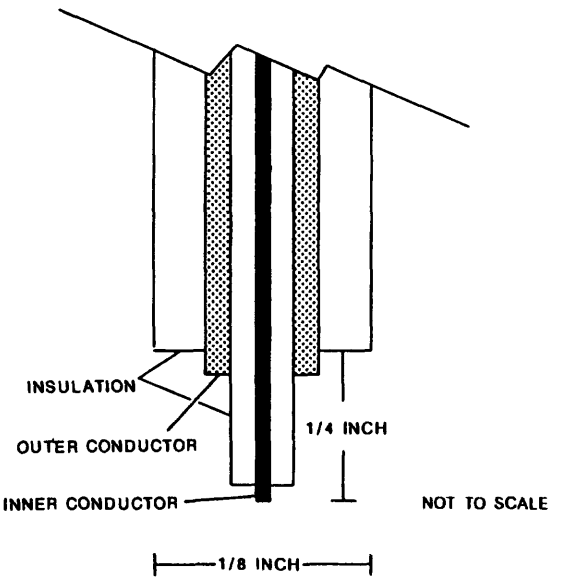

Figure 16.

Details of coaxial-wire preparation. (Modified from Oaksford, 1978, fig. 5.)

RATES OF WATER MOVEMENT

Areal Infiltration Rates

In addition to the one basin at the East Meadow recharge site, 51 recharge basins were tested for infiltration rates (table 6 and fig. 17). As indicated in table 6, at least two infiltration tests were performed at all but two recharge basins. The infiltration tests were performed between July 24, 1985 and September 9, 1986. Most of the tests lasted about 4 h, but a few lasted only about 2 h. The last infiltration rate obtained during the test, calculated from the last reading, is used as the representative of the infiltration rate for that area. The last reading was used because the infiltration rate needs to be stabilized (fig. 18).

The lowest individual infiltration rate was 0 ft/h, the median individual infiltration value was 1.72 ft/h, and the maximum individual rate was 9.75 ft/h. The average infiltration rate for each recharge basin is shown in figure 17 and table 6. The minimum, median, and maximum averaged values for the 51 test basins are 0.13 ft/h, 1.83 ft/h, and 5.63 ft/h, respectively. A summary of infiltration rates is shown below:

	Infiltration rates (in feet per hour)	
	Individual value (126 tests)	Averaged basin value (51 basins)
Minimum	0 (approx.)	0.13
Median	1.72	1.83
Maximum	9.75	5.63

The infiltration rates obtained in previous studies are summarized as follows:

[Locations are indicated in the appendix; ft/h, feet per hour; a dash indicates no data.]

Basin	Average infiltration rate (ft/h)	Range of infiltration rate (ft/h)	Source
N156	0.9	0.3 -1.7	Aronson and Seaburn, 1974
N377	.8	.3 -1.8	Aronson and Seaburn, 1974
N123	--	.11-2.23	Brice and others, 1956
East Meadow	--	.44-1.5	Schneider and others, 1987
N197	.94	.84-2.21	Prill and Aronson, 1978

The results of this and previous studies indicate that average infiltration rates, in general, are 1 to 2 ft/h, although the individual values differed widely as a result of such factors as land use, geology, age of the basin, duration of the tests, and water temperature. (See section on "Change of infiltration rates during test period".) Among the 126 sites tested, the difference between the maximum and minimum value is almost an order of magnitude.

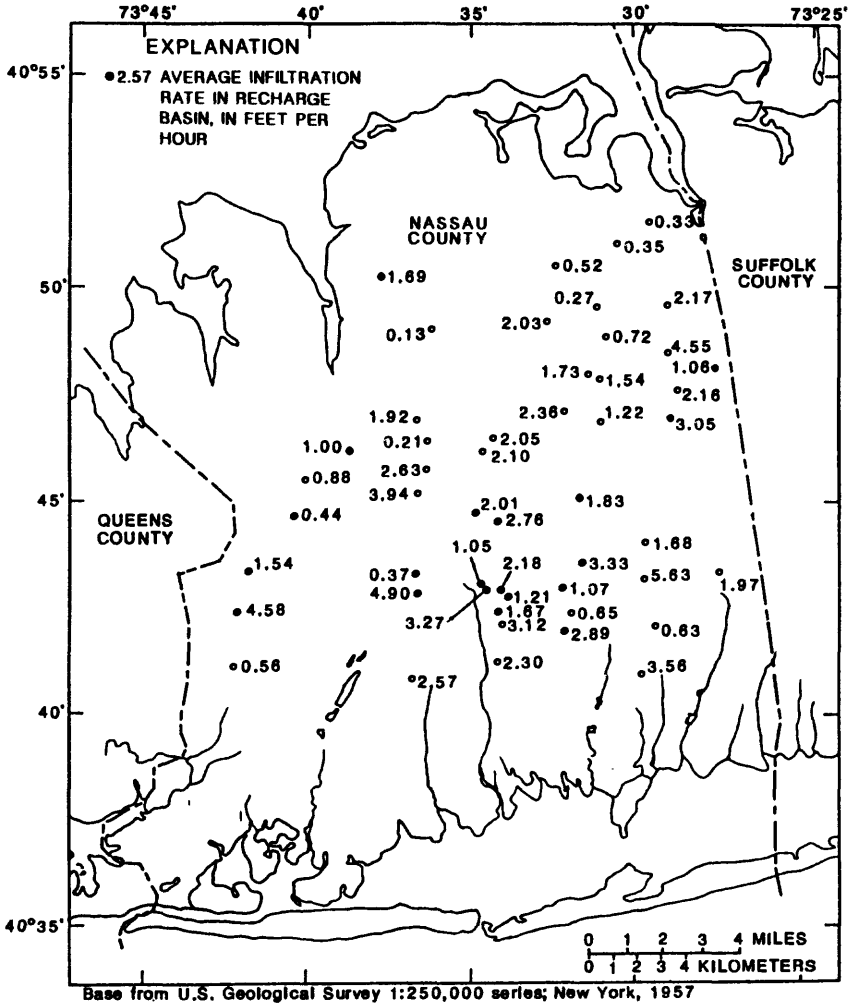

Figure 17.--Average infiltration rates at 51 selected recharge basins in Nassau County.

Table 6.--Individual and averaged infiltration rates at selected recharge basins, 1985-86

[Locations are shown on fig. 13. Measurements are in feet per hour; average infiltration rates are shown in fig. 17]

Basin number	Infiltration rate		Basin number	Infiltration rate		Basin number	Infiltration rate	
	Individual[1]	Average		Individual[1]	Average		Individual[1]	Average
N 1	0.62	0.58	N 213	1.50	5.63	N 415	0.11	0.88
	.53			9.75			1.65	
N 16	2.30	2.30	N 215	1.52	1.69	N 425	3.03	2.17
	2.30			1.85			1.30	
N 18	.95	1.00	N 219	1.39	1.67	N 439	2.86	3.27
	1.04			1.95			3.68	
N 29	1.71	3.33	N 236	.56	1.97	N 444	2.34	2.16
	4.94			3.38			4.16	
							1.49	
N 68	1.36	1.83	N 254	2.03	.83		.65	
	1.15			.05				
	3.15			.40		N 482	.91	.27
	1.65						.14	
			N 260	2.47	3.05			
N 78	5.00	4.58		2.14		N 485	.82	1.08
	4.16			2.73			1.34	
				4.87				
N 98	2.81	3.94				N 504	4.55	4.55
	5.07		N 313	.30	1.22			
				1.13		N 513	0	.21
N 121	1.73	1.54					.06	
	1.34		N 315	2.27	2.01		.58	
				3.47				
N 132	.43	.44		.29		N 527	1.91	2.03
	.44						2.34	
			N 325	1.30	1.68		2.04	
N 150	3.12	2.10		2.06			1.82	
	2.01							
	1.73		N 328	3.16	3.12	N 539	.26	.35
	1.86			3.08			.43	
	2.25							
	1.60		N 334	4.77	2.38	N 540	.35	.37
				2.99			.39	
N 153	2.50	2.76		.48				
	3.64			1.26		N 549	3.44	2.63
	2.15						3.08	
			N 343	4.81	4.90		3.13	
N 155	2.18	1.05		4.98			.87	
	.92							
	.05		N 344	2.64	1.73	N 556	.74	1.07
				.82			1.39	
N 186	3.38	2.57						
	1.76		N 352	.87	1.21	N 563	.09	.33
				1.54			.56	
N 187	2.21	2.89						
	3.07		N 353	2.21	2.18	N 594	.47	1.92
	3.38			2.14			2.06	
							1.10	
N 192	.22	.13	N 361	1.56	1.54		4.03	
	.04			1.52				
						NP 1	.72	.72
N 202	2.95	3.56	N 363	.39	.65			
	3.30			.91				
	4.42							
			N 365	1.30	2.05			
N 206	.35	.52		1.60				
	.69			3.25				

[1] Last reading during an infiltration test was used to calculate infiltration rate.

The average infiltration rates of basins tested during this study (fig. 17) show that basins in the northern part of the county, which coincides with the area of poorly drained soil (fig. 3), perched water (fig. 4), and ground and terminal moraine deposits (pl. 1), tend to have lower infiltration rates than those elsewhere. Basin N1, built in 1951 (see appendix) has an average infiltration rate of 0.58 ft/h and may be an example of a basin whose age is a factor in the decreased infiltration rate. (See section "Clogged Recharge Basins" and "Vertical Hydraulic Conductivity.")

Change in Infiltration Rate During Test Period

The trend of change in infiltration rate during tests was similar at all basins. During the initial minutes of a test, the infiltration rate was high but then declined and tended to stabilize after 80 to 120 minutes because water enters the soil by gravity and vertical matric potential gradient within the soil (soil suction). Although gravity remains constant, the matric potential gradient decreases over time as the soil becomes saturated. This observation is consistent with results of a study by Prill and Aronson (1978). The change in infiltration rate after the double-ring infiltrometer was filled to 1-ft stage is shown by graphs of infiltration rate as a function of ponding duration in figure 18. In many cases, half of the decline in infiltration rate occurred during the first 2 hours.

The infiltration rate obtained from a 2- to 4-h test probably does not represent the long-term infiltration rate of the basin; however, the infiltration rate obtained probably reflects the natural operating efficiency of the recharge basin during a rainstorm of approximately a 4-h duration.

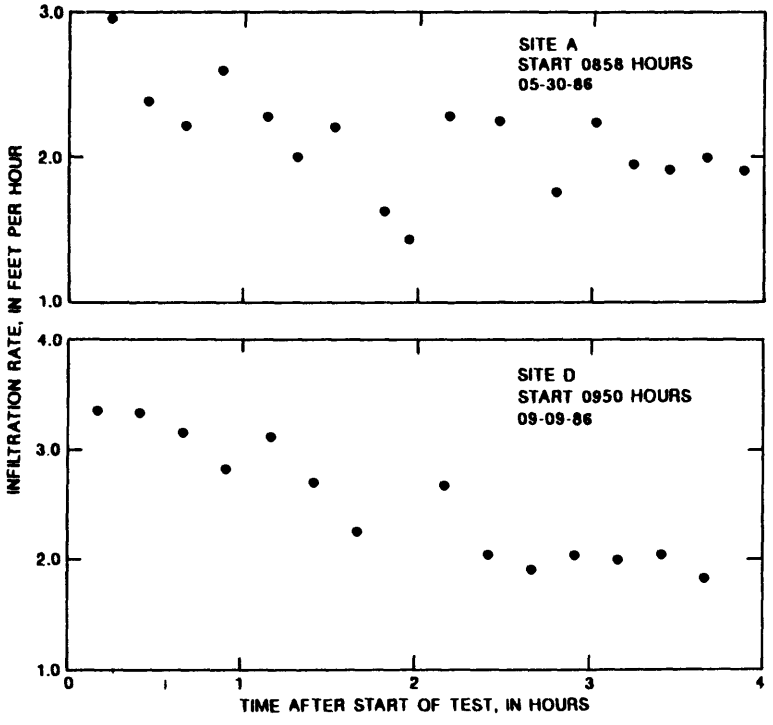

Figure 18.

Change of infiltration rate through time at basin N527. (Location is indicated in table 15 and fig. 13.)

Vertical Hydraulic Conductivity

Vertical hydraulic conductivity was measured at 14 points in nine recharge basins. Data from infiltration tests and water-manometer tensiometer tests are combined to trace the movement of water under saturated and unsaturated conditions. During the tests, the water level in the infiltrometer and in the water-manometer tensiometer (fig. 15) was read every 15 min to obtain dh in eq. 1. The last reading of the day was used to calculate the vertical hydraulic conductivity; results of these tests are shown in table 7. The hydraulic conductivity values represent the vertical flow rate at the end of each test (after about 4 h). The median hydraulic conductivity was 1.63 ft/h with a range of 0.08 to 5.33 ft/h at a water-temperature range of 71.6 °F to 88.7 °F. With this temperature range, the hydraulic conductivity could vary by as much as ± 20 percent.

In an earlier recharge study with tertiary-treated sewage (for water quality, see Schneider and others, 1987) at the East Meadow Recharge site (site EM 2, fig. 13), Schneider and others (1987) measured the vertical hydraulic conductivity of soil in the 0- to 5-ft and 4- to 5-ft depth intervals of basin 3 and the 0- to 5-ft and 0- to 1-ft depth intervals of basin 2. (See table 8.) Both basins had impermeable vertical walls and 5,000 ft² of basin floor specifically designed for artificial-recharge tests. The ranges

Table 7.--Vertical hydraulic conductivity of basin-floor material at selected Nassau County recharge basins, 1986

[Locations are shown in fig. 13; values are in feet per hour]

Basin number	Site	Infiltration rate	Vertical hydraulic conductivity
N150	E	2.25	1.73
	F	1.60	1.66
N328	B	3.0	2.54
N334	C	.48	.39
	D	1.26	1.06
N352	B	1.54	1.6
N353	A	2.21	2.43
N439	B	3.68	5.33
N485	A	.82	.89
	B	1.34	3.1
N527	C	2.04	1.49
	D	1.82	1.93
N563	A	.09	.08
	B	.56	.57
Median		1.62	1.63
Range		0.09-3.68	0.08-5.33

of vertical hydraulic conductivity for basin 2 at 0 to 5-ft depth and 0 to 1-ft depth were 6.1 to 47.7 ft/d (0.25 to 1.98 ft/h) and 2.1 to 28.0 ft/d (0.09 to 1.16 ft/h), respectively (table 8B). The 0 to 1-ft interval was found to be the controlling zone for infiltration rates. During the test, nearly 50 percent of the basin floor was exposed (unflooded); therefore, the average head (water depth) in the basin was not a uniform 1 ft. If an entire basin surface is flooded to 1-ft depth, the vertical hydraulic conductivity probably will be higher. A comparison of vertical hydraulic conductivities and infiltration rates at the two basins in the 1987 study (table 8) and this study, which maintain 1-ft head (table 7), shows an order of magnitude variation within each study but comparable results between the two studies.

Table 8.--Hydraulic data on selected depth intervals below floor of basins 2 and 3 during ponding tests at East Meadow recharge site

[Data from Schneider, Ku, and Oaksford, 1987; °F, degrees Fahrenheit; ft/h, feet per hour; ft/d, feet per day]

Date	Time of day	Time since test began (hours)	Hydraulic gradient	Infiltration rate adjusted to 60 °F (ft/h)	Vertical hydraulic conductivity at 60 °F (ft/d)	Vertical hydraulic conductivity at 60 °F (ft/h)
			A. JUNE 20-23, 1983, BASIN 2			
			0- to 5-ft interval (58.92-inch thickness)			
6-20-83	1345	0.45	1.12	0.83	17.8	0.74
6-20-83	1445	1.45	1.10	.93	20.2	.84
6-20-83	1545	2.45	1.10	1.03	22.5	.94
6-22-83	0700	42	1.09	1.12	24.6	1.02
6-23-83	0800	67	1.07	1.37	30.7	1.28
			4- to 5-ft interval (12.36-inch thickness)			
6-20-83	1445	1.45	1.80	.93	12.4	.52
6-20-83	1545	2.45	1.96	1.03	12.6	.53
6-21-83	1300	24	2.54	1.14	10.7	.45
6-22-83	0700	42	2.29	1.12	11.7	.49
6-23-83	0800	67	2.23	1.37	14.7	.61
			B. JULY 25, 1983 TO JANUARY 9, 1984, BASIN 3			
			0- to 5-ft interval (58.8-inch thickness)			
7-25-83	1250	7	1.05	2.09	47.7	1.99
8-16-83	0100	29	1.11	.91	19.7	.82
10-10-83	2300	84	1.40	.90	15.4	.64
12-20-83	2400	155	1.57	.65	9.9	.41
1- 9-84	1500	176	1.74	.44	6.1	.25
			0- to 1-ft interval (11.4-inch thickness)			
7-25-83	1250	7	1.79	2.09	28.0	1.17
8-16-83	0100	29	1.59	.91	13.7	.57
10-10-83	2300	84	2.98	.90	7.2	.3
12-20-83	2400	155	4.01	.65	3.9	.16
1- 9-84	1500	176	4.95	.44	2.1	.09

One- and Two-Day Infiltration Tests

Two infiltration tests, one 24 h long and one 48 h long, were conducted with the double-ring infiltrometers during April 28-29 and September 23-25, 1986, respectively. The tests were held in basin EM 2 at the East Meadow artificial-recharge site (fig. 13). The basin is 50 x 100 ft with vertical concrete sides. A detailed description of this basin is given by Schneider and others (1987). This basin, among others, was used to study the feasibility of large-scale artificial recharge with reclaimed water (tertiary-treated sewage) during 1982-84.

Infiltration Rate

The purpose of these tests was to record the changes in infiltration rate and vertical hydraulic conductivity over a 1- and 2-day period and to compare with results of earlier studies. Two sites (A and B) on the southern side of the recharge basin were chosen for these tests. The movement of the wetting front was observed with a neutron logger. Results obtained in these tests with the double-ring infiltrometer were compared with those obtained through long-term basin flooding as described by Schneider and others (1987).

The same field equipment and procedures were used in the 48-hour test as in the 24-hour test. The infiltration rates recorded during these tests are shown in figure 19. The final infiltration rates at the two measurement points in this basin were 1.30 and 3.31 ft/h for the 24-hour test and 1.30 and 2.23 ft/h for the 48-hour test (table 9). At the end of the first 4 hours, the infiltration rate was two to three times higher than at the end of the 48 hours (table 9).

Although the two measurement points (sites A and B) are only a few feet apart within basin EM2, the infiltration rates differ. For example, the lowest and highest infiltration rates during the 24-hour test were 1.30 and 3.31 ft/h, respectively. Local variations of this magnitude are probably common. For example, the infiltration rates of seven recharge basins at the East Meadow site, which occupies only 35 acres or 0.055 mi^2 on the outwash plain, ranges from 0.44 to 1.37 ft/h (table 10).

Table 9.--Infiltration rates and vertical hydraulic conductivity at East Meadow artificial recharge site, basin EM 2, during 24- and 48-hour tests

[Values are in feet per hour; dash indicates no data]

Test	Dates	Site	Infiltration rate: After 4 hours	Infiltration rate: At end of test	Vertical hydraulic conductivity
24-hour	4/28/86 to 4/29/86	A	3.20	1.30	--
		B	3.50	3.31	--
48-hour	9/23/86 to 9/25/86	A	3.70	1.30	1.30
		B	3.10	2.23	2.35

Table 10.--Infiltration rates at East Meadow artificial-recharge site

[Data from Schneider and others, 1987; values are in feet per hour]

Basin number	Infiltration rate	Basin number	infiltration rate
1	0.55 to 0.60	5	0.84 to 1.04
2	.44 to 1.1	6	.56 to .62
3	.83 to 1.37	7	.97 to 1.1
4	.52 to .60		

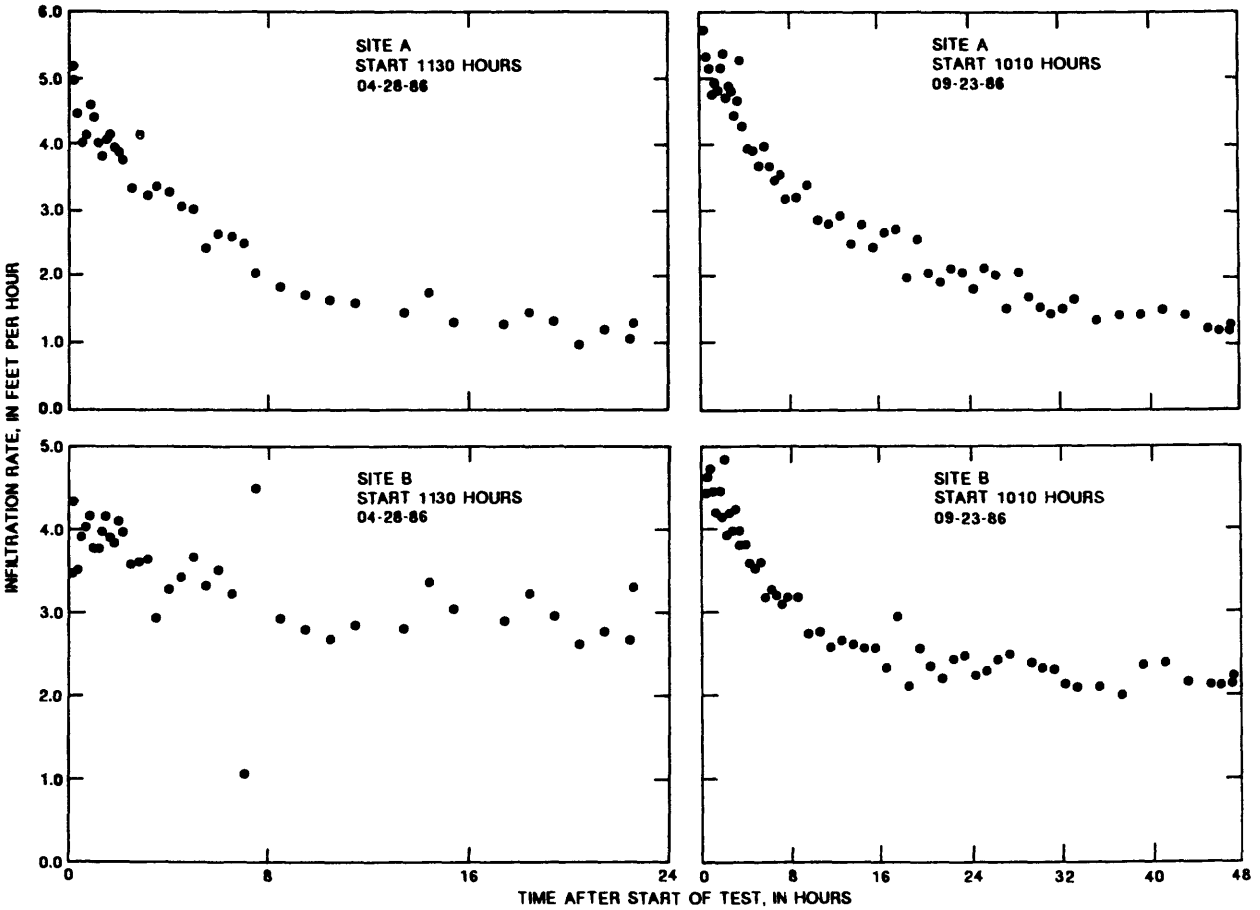

Figure 19.--Change in infiltration rate at East Meadow basin EM 2 during 24-hour test on April 28, 1986 and 48-hour test on September 23, 1986.

Results of the 24- and 48-hour infiltration tests at basin EM 2 indicate that the infiltration rate decreased at least 50 percent between 4 and 48 hours (fig. 19); thus, the ability of a recharge basin to dispose of storm-water decreases as the duration of the storms increase.

The double-ring infiltrometer tests and the earlier basin-flooding tests yielded results within the correct range; therefore, the double-ring infiltrometer, being portable and easy to install, is considered acceptable field equipment if properly designed and handled.

Vertical Hydraulic Conductivity

During the 48-h test, a water-manometer tensiometer was placed in each of the two infiltration sites. The installation procedure was the same as described previously. At the end of the test, the vertical hydraulic-conductivity values at the two sites were 1.30 and 2.35 ft/h (table 9), which are within the range of other tests performed during this study (table 7) and previous studies (table 8).

Movement of Wetting Front

To compare the movement of the wetting front between the infiltrometer and recharge basins, neutron geophysical logs were obtained within the infiltration rings at basin EM2 during the 24- and 48-hour infiltration tests. A series of neutron logs made during the two tests is shown in figure 20. The neutron access tube was installed and used by Schneider and others (1987). The wetting front reached the 20-ft depth in about 5 h. Below that depth, the soil moisture increased by only 10 percent, which suggests a controlling layer of less permeable material 20 ft below the basin floor. The overall wetting-front profile however, is similar to wetting-front profiles during basin-flooding tests by Schneider and others (1987, fig. 21). At the same basin, the wetting front reached the water table in just over 4 h, and the water level in the basin continued to rise for the next 48 h. The logs from neutron-logger access tubes surrounding the test basin (Schneider and others, 1987) show insignificant lateral movement of water within the unsaturated zone, even after 3 months of recharge.

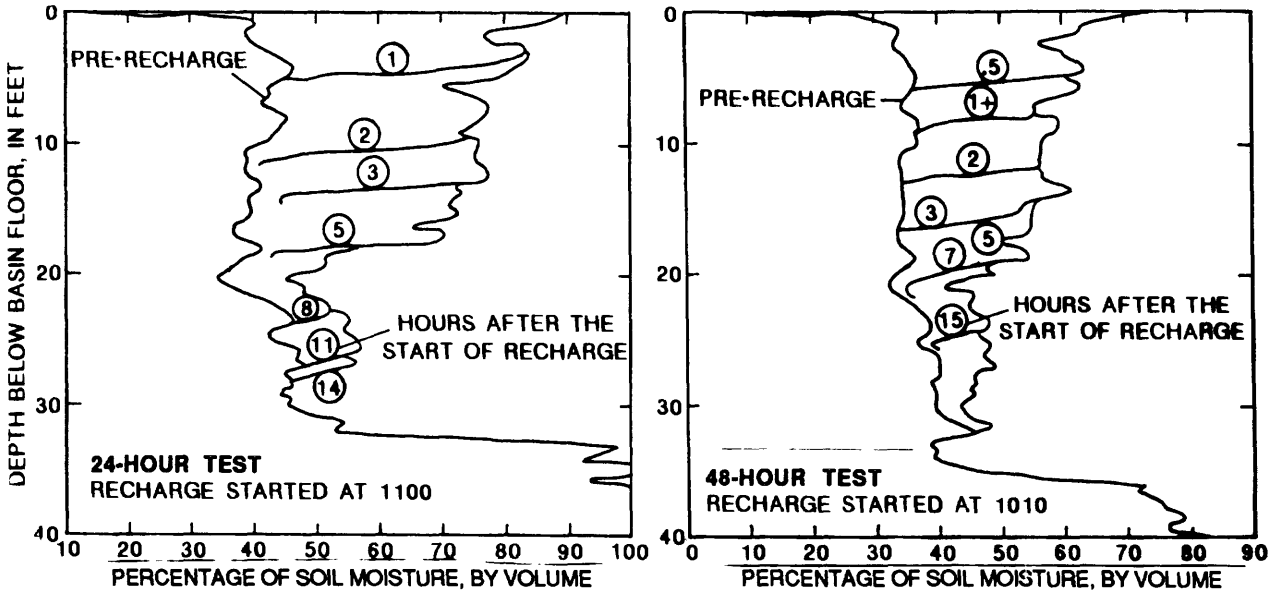

Figure 20.--Soil-moisture logs from neutron-access tube in basin EM 2 during 24- and 48-hour infiltration tests with infiltration rings.

SUMMARY AND CONCLUSIONS

The aquifer system of Long Island receives natural recharge only from precipitation that infiltrates from the land surface to the water table. Therefore, the location and performance of recharge basins affect the distribution and amount of recharge.

The average infiltration rate from 51 selected recharge basins in Nassau County ranges from 0.13 to 5.63 ft/h; the median value is 1.83 ft/h. The recharge basins in the northern part of the county tend to have lower infiltration rates than basins in the southern part and generally coincide with areas of low soil permeability, zones of perched water, and morainal deposits.

Hydraulic-conductivity tests of the upper foot of soil at the bottom of the recharge basins indicate a median vertical hydraulic conductivity of 1.63 ft/h with a range of 0.08 to 5.33 ft/h. These values are consistent with results from an earlier study at the East Meadow recharge site in central Nassau County.

The distribution of clogged basins shows that surficial geology plays an important role in determining the infiltration rate of the basins. Between 19 and 36 percent of recharge basins excavated in morainal deposits are clogged, compared to only 14 percent of those on the outwash plain. More than half of the basins built before 1950 are considered clogged. At present, almost all basins are able to discharge stormwater, but with aging of the basins and increasing urbanization, the number of clogged basins is expected to increase.

Crest-stage gages were installed in 58 recharge basins to record the maximum depth of water in the basins during storms; ponded water in 20 basins attained a depth of 5 ft or more at least once during the 3-year study. Water in the other 38 basins did not reach a 5-ft depth at any time. Because almost all recharge basins are at least 10 ft deep, many appear to have excess storage capacity under precipitation conditions that prevailed during the study.

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APPENDIX

Location and Physical Features of Recharge Basins on Long Island, N.Y.

EXPLANATION

The underlined headings correspond to the column headings.

Basin Number

The letter(s) preceding each number refers to the ownership of the basin.

B and MB	- Town of Babylon, Highway Department
BK and MBK	- Town of Brookhaven, Highway Department
E and ME	- Town of East Hampton, Engineering Department
H and MH	- Town of Huntington, Engineering Department
I and MI	- Town of Islip, Engineering Department
N, MN and EM	- Nassau County Department of Public Works
NP	- Private
R and MR	- Town of Riverhead, Engineering Department
S and MS	- Town of Smithtown, Engineering Department
SD and MSD	- Town of Southold, Engineering Department
SN and MSN	- Town of Southampton, Engineering Department
SP and MSP	- New York State Parkway Commission
ST and MST	- New York State Department of Transportation

The prefix M indicates that aerial photographs were used to verify basin location and that engineering drawings from which to obtain design data were unavailable.

The number is used solely to reference data in this report and is not related to basin numbers assigned by other agencies.

Nearest Intersection

Names of the two intersecting streets nearest each recharge basin were determined.

Latitude and Longitude

Latitude and longitude of each basin were determined from base maps.

Date Built

Many basins have no data on date of basin construction. The only available information on others was (1) the date on which engineering drawings were approved or (2) the date on which basin construction was finished and approved by the governing agency. The date given may be either one of these and indicates, within about 1 year, the time of basin construction.

Community

The community name is that of the village closest to the recharge basin. The basin may or may not lie within the legal boundaries of the village listed. The number that appears under the column heading "community" corresponds to the code number indicated for that community in the table on p. 38-39.

APPENDIX--Location and Physical Features of Recharge Basins on Long Island, N.Y. (continued)

Community

1 - Atlantic Beach (Inc.)
2 - Baldwin
3 - Bay Park
4 - Bellerose (Inc.)
5 - Bellerose Terrace
6 - Bellmore
7 - Cedarhurst (Inc.)
8 - East Meadow
9 - East Rockaway (Inc.)
10 - Elmont
12 - Franklin Aquare
13 - Freeport (Inc.)
14 - Garden City (Inc.)
15 - Garden City South
16 - Hempstead (Inc.)
17 - Hewlett
18 - Hewlett Bay Park (Inc.)
19 - Hewlett Harbor (Inc.)
20 - Hewlett Neck (Inc.)
21 - Inwood
22 - Island Park (Inc.)
23 - Lakeview
24 - Lawrence (Inc.)
25 - Levittown
26 - Lido-Point Lookout
27 - Lynbrook (Inc.)
28 - Long Beach (Inc.)
29 - Malverne (Inc.)
30 - Merrick
32 - North Bellmore
33 - North Merrick
34 - North Valley Stream
35 - Oceanside
36 - Rockville Centre (Inc.)
37 - Roosevelt
38 - Seaford
39 - South Floral Park (Inc.)
40 - South Hempstead
41 - South Valley Stream
42 - South Westbury
43 - Stewart Manor (Inc.)
44 - Uniondale
45 - Valley Stream (Inc.)
46 - Wantagh
47 - West Hempstead
48 - Woodmere
49 - Woodsburgh (Inc.)
50 - Albertson
51 - Baxter Estates (Inc.)
52 - Carle Place
53 - East Hills (Inc.)
54 - East Williston (Inc.)
55 - Floral Park (Inc.)
56 - Flower Hill (Inc.)
57 - Garden City Park
58 - Great Neck (Inc.)
59 - Great Neck Estates (Inc.)
60 - Great Neck Plaza (Inc.)
62 - Herricks
63 - Kensington (Inc.)
64 - Kings Point (Inc.)
65 - Lake Success (Inc.)
66 - Manhasset
67 - Manor Haven (Inc.)
68 - Mineola (Inc.)
69 - Munsey Park (Inc.)
70 - New Cassel
71 - New Hyde Park (Inc.)
72 - North Hills (Inc.)
73 - North New Hyde Park
75 - Plandome (Inc.)
76 - Plandome Heights (Inc.)
77 - Plandome Manor (Inc.)
78 - Port Washington
79 - Port Washington North (Inc.)
80 - Roslyn (Inc.)
81 - Roslyn Estates (Inc.)
83 - Roslyn Heights
84 - Russell Gardens (Inc.)
85 - Saddle Rock (Inc.)
86 - Sands Point (Inc.)
87 - Searingtown
88 - Thomastown (Inc.)
89 - Westbury (Inc.)
90 - Williston Park (Inc.)
91 - Bayville (Inc.)
92 - Bethpage
93 - Brookville (Inc.)
94 - Center Island (Inc.)
95 - Cove Neck (Inc.)
96 - Dosoris Pond
97 - East Massapequa
98 - East Norwich
99 - Farmingdale (Inc.)
100 - Glen Cove (Inc.)
101 - Glen Head
102 - Glenwood Landing
103 - Greenvale
104 - Hicksville
105 - Jericho
106 - Lattingtown (Inc.)
107 - Laurel Hollow (Inc.)
108 - Locust Grove
109 - Locust Valley
110 - Massapequa
111 - Massapequa Park (Inc.)
112 - Matinecock (Inc.)
113 - Mill Neck (Inc.)
114 - Mill Neck Creek
115 - Muttontown (Inc.)
116 - Old Bethpage
117 - Old Brookville (Inc.)
118 - Old Westbury (Inc.)
119 - Oyster Bay
120 - Oyster Bay Cove (Inc.)
121 - Plainedge
122 - Plainview
123 - Roslyn Harbor (Inc.)
124 - Sea Cliff (Inc.)
125 - South Farmingdale
126 - Syosset
127 - Upper Brookville (Inc.)
128 - Woodbury
129 - Asharoken (Inc.)
130 - Centerport
131 - Cold Spring Harbor
133 - Dix Hills
134 - East Greenlawn
135 - East Huntington
136 - East Neck
137 - East Northport
138 - Eatons Neck
139 - Elwood
140 - Great Neck
141 - Greenlawn
142 - Halesite
143 - Half Hollow Hills
144 - Huntington
145 - Huntington Bay (Inc.)
146 - Huntington Station
147 - Lloyd Harbor (Inc.)
148 - Melville
149 - Northport (Inc.)
150 - Northport Veterans Hospital
151 - South Huntington
152 - Vernon Valley
153 - West Hills
154 - West Huntington
155 - West Melville
156 - Amityville (Inc.)
157 - Babylon (Inc.)
158 - Copiague
159 - Deer Park
160 - Edgewood Hospital
161 - Lindenhurst (Inc.)
162 - Maywood
163 - North Amityville
164 - North Babylon
165 - North Lindenhurst
166 - West Babylon
167 - Wyandanch
168 - Branch

APPENDIX--Location and Physical Features of Recharge Basins on Long Island, N.Y. (continued)

Community (continued)

169 - Commack
170 - Flowerfield
171 - Fort Salonga
173 - Head of the Harbor (Inc.)
174 - Kings Park
175 - Kings Park State Hospital
177 - Nesconset
178 - Nissequogue (Inc.)
179 - North Smithtown
180 - Saint James
181 - San Remo
182 - Smithtown
183 - Smithtown Center
184 - South Smithtown
185 - Village of The Branch (Inc.)
186 - Bayport
187 - Bay Shore
188 - Bohemia
189 - Brentwood
190 - Brightwaters (Inc.)
191 - Central Islip
192 - Central Islip State Hospital
193 - East Islip
194 - Edgewood
195 - Great River
196 - Hauppauge
198 - Islip
199 - Islip Terrace
200 - Lakeland
202 - North Bay Shore
203 - North Great River
204 - North Islip
205 - Oakdale
206 - Pilgrim State Hospital
207 - Sayville
208 - South Islip
209 - West Islip
210 - West Ronkonkoma
211 - West Sayville
212 - Belle Terre (Inc.)
213 - Bellport (Inc.)
214 - Blue Point
215 - Brookhaven
216 - Centereach
217 - Center Moriches
218 - Coram
219 - Eastport
220 - East Moriches
221 - East Patchogue
222 - East Port Jefferson
223 - East Setauket
224 - Farmingville
225 - Holbrook
226 - Holtsville
227 - Lake Grove
228 - Lake Grove (Inc.)
229 - Lake Ronkonkoma
230 - Mastic
231 - Mastic Beach
232 - Medford
233 - Middle Island
234 - Miller Place
235 - Mount Sinai
236 - North Bellport
237 - North Brookhaven
238 - North Coram
239 - North Mastic
240 - North Middle Island
241 - North Moriches
242 - North Patchogue
243 - North Ridge
244 - North Selden
245 - Old Field (Inc.)
246 - Patchogue (Inc.)
247 - Poquott (Inc.)
248 - Port Jefferson (Inc.)
249 - Port Jefferson Station
250 - Ridge
251 - Rocky Point
252 - Ronkonkoma
253 - Selden
254 - Setauket
255 - Shirley
256 - Shoreham (Inc.)
257 - Sound Beach
258 - South Bellport
259 - South Setauket
260 - Stony Brook
261 - Yaphank
262 - Aquebogue
263 - Baiting Hollow
264 - Calverton
265 - East Jamesport
266 - East Riverhead
267 - Jamesport
268 - Northville
269 - Riverhead
270 - Roanoke
271 - Wading River
272 - West Jamesport
273 - Wildwood
274 - Bayview
275 - Cutchogue
276 - East Marion
277 - Fishers Island
278 - Greenport
279 - Greenport (Inc.)
280 - Laurel
281 - Mattituck
282 - Nassau Point
283 - New Suffolk
284 - North Mattituck
285 - North Southold
286 - Orient Point
287 - Peconic
288 - Plum Island
289 - Southold
290 - Bridgehampton
291 - East Quogue
292 - Flanders
293 - Hampton Bays
294 - Mecox
295 - North Bridgehampton
296 - North Haven (Inc.)
297 - North Quogue
298 - North Sea
299 - Noyack
300 - Quogue
301 - Quogue (Inc.)
302 - Remsenburg
303 - Rose Grove
304 - Sagaponack
306 - Shinnecock Hills
307 - Southampton (Inc.)
308 - South Riverhead
309 - Speonk
310 - Squiretown
311 - Tiana
312 - Tuckahoe
313 - Water Mill
314 - Westhampton
315 - Westhampton Beach (Inc.)
316 - West Tiana
317 - Amagansett
318 - East Hampton (Inc.)
319 - Freetown
320 - Gardiners Island
321 - Hither Hills
322 - Montauk
323 - Montauk Point
324 - Napeague
325 - Sag Harbor
326 - Sag Harbor (Inc.)
327 - Springs
328 - Three Mile Harbor
329 - Wainscott
330 - Dering Harbor (Inc.)
331 - Shelter Island

Design Capacity

Design capacity, in cubic feet, is the computed volume of water that the recharge basin can hold without infiltration or overflow. For most basins, the design engineer computed this volume as the volume of water associated with a storm of 5 inches of rain falling on the contributing drainage area multiplied by the percentage of impervious area within the drainage area. This value is related to physical conditions such as land slope and amount of impervious areas, which affect runoff in the drainage area.

Actual Capacity

Actual capacity, in cubic feet, is the volume of water the basin will hold without infiltration or overflow after construction.

Maximum Infiltration Area (max. area)

Maximum infiltration area, in square feet, is the projected average horizontal area computed by dividing the actual capacity by the difference between the overflow altitude and the bottom altitude of a basin. For basins where the overflow or bottom altitudes were unknown, the difference in altitude between the point of overflow and the bottom of the basin was assumed to be 10 feet.

Basin Area

Basin area, in square feet, is the projected horizontal area of the recharge basin, calculated by multiplying dimensions taken from the engineering drawings. It includes side slopes as well as planting and fencing areas bordering the basin.

Altitude

Rim.--is the lowest altitude of the land surface immediately bordering the recharge basin, in feet above sea level. This was obtained from engineering drawings or topographic maps.

Overflow.--the altitude, in feet above sea level at, which the basin overflows to another basin or to a nearby stream was obtained from engineering drawings.

Bottom.--the basin-floor altitude, in feet above sea level, obtained from engineering drawings.

Water table.--ground-water level, in feet above sea level.

Drainage Area (Drain. area)

Drainage area, in acres, is the topographic and (or) the sewered area contributing storm inflow to the recharge basin. This was obtained by one of three methods:

1. Obtained from engineering drawings;

2. Computed from the basin's design capacity by the following rearrangement of the design equation:

$$DA = DC \times \frac{1}{R/12 \times 43{,}560 \times F}$$

where: DA = drainage area, in acres;

DC = design capacity (actual capacity was used when design capacity was not given), in cubic feet;

R = magnitude of the design storm, in inches; and

F = factor reflecting conditions such as land slope and percent impervious area in the drainage basin.

A design storm (R) of 5 inches was assumed for all basins. A value of 0.35 was assigned to F for basins draining residential areas, and a value of 0.90 for all other types of basins; or

3. Provided by Legette, Brashears and Graham (written commun., 1987).

Basin Status

The authors considered a recharge basin clogged if it held water 5 to 6 days after a 1-inch rainfall. Aerial photographs were used to locate clogged basins, and each basin was inspected in the field to verify that it was clogged.

The following designations indicate whether a basin is clogged:

Clogged 0 Not clogged 1

Basin Use

Basin use was classified according to the predominant land use in the storm-runoff-contributing area:

Code	Use	Code	Use
1	Residential	3	Highway
2	Industrial	4	Commercial

Many basins drain more than one type of area, but only the predominant land use is indicated.

Geologic Unit (Geo. unit)

The surficial geology in the drainage area of each recharge basin was determined from geologic maps compiled by Perlmutter and Geraghty (1963), Swarzenski (1963), and Isbister (1966). Brief descriptions of the geologic units drained by recharge basins are given on plate 1.

Soil Unit

The type of soil in the drainage area of each basin was determined from soil-unit maps compiled by Lounsbury and others (1928) and Warner (1969). The Lounsbury soil survey delineated 22 soil units in Nassau and parts of Suffolk County. Equivalent soil units were designated by different names in these two studies; therefore, the authors have prepared a list of names of equivalent soil units and a general description of the equivalent soil units. (See table 2.)

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER		NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
B	1	RIDGE RD.	COLONIAL SPRINGS	4045390732328	-	-	-	-
B	2	COLONIAL SPRINGS	CIRCLE DRIVE	4045260732252	-	-	-	-
B	3	BRIARWOOD ROAD	BENNINGTON PLACE	4045220732311	-	-	-	-
B	4	PERRY LANE	WILLOW STREET	4045420732156	-	-	-	-
B	5	23RD. STREET	WASHINGTON AVE.	4045220732207	-	-	-	-
B	6	BURNS LANE	CHELMSFORD DRIVE	4046080732121	-	-	-	-
B	7	BROOKLYN AVE.	23RD. STREET	4044420732218	-	-	-	-
B	8	STATE STREET	RUSSELL STREET	4044370732144	-	-	-	-
B	9	CUMBERBACH ST.	TROY AVE.	4044170732154	-	-	-	-
B	10	SEAMANS ROAD	STRAIGHT ROAD	4045440732126	-	-	-	-
B	11	MOTOR PARKWAY	LEE AVENUE	4045230732224	-	-	-	-
B	12	N. 16TH STREET	NICOLLS ROAD	4045290732157	-	-	-	-
B	13	COPAIGUE ROAD	51ST. STREET	4042120732338	-	-	-	-
B	14	CATSKILL AVENUE	48TH STREET	4041540732308	-	-	-	-
B	15	HEATHCOTE ROAD	MADISON DRIVE	4042220732259	-	-	-	-
B	16	CENTER STREET	PINE STREET	4042530732438	-	-	-	-
B	17	ALLEN BLVD.	ADAMS BLVD.	4043010732448	-	-	-	-
B	18	SIDNEY CT.	ALBANY AVENUE	4042580732400	-	-	-	-
B	19	SMITH STREET	REPUBLIC ROAD	4045170732446	-	-	-	-
B	20	SMITH STREET	AUGUSTA AVENUE	4045230732424	-	-	-	-
B	21	GARDEN STREET	WILSON AVENUE	4042390732532	-	-	-	-
B	22	SCHLEIG BLVD.	MADISON AVENUE	4042320732516	-	-	-	-
B	23	LINCOLN AVENUE	VAN BUREN STREET	4042410732506	-	-	-	-
B	24	GOLD STREET	FINN COURT	4045280732420	-	-	-	-
B	25	ERLANGER BLVD.	VANCOTT ROAD	4044500731941	-	-	-	-
B	26	FLOYD STREET	LEADER STREET	4044400731902	-	-	-	-
B	27	NEW AVENUE	GROVE STREET	4044310732125	-	-	-	-
B	28	GROVE STREET	WRIGHT STREET	4044120732112	-	-	-	-
B	29	PRAIRIE DRIVE	WOODS ROAD	4044400731949	-	-	-	-
B	30	AUGUST ROAD	IDA LANE	4044270732015	-	-	-	-
B	31	VICTORIA DRIVE	WOODS ROAD	4044240731958	-	-	-	-
B	32	WILSHIRE DR. E.	WILSHIRE COURT	4044280731901	-	-	-	-
B	33	CATALPA STREET	FORSYTHIA LANE	4044310731843	-	-	-	-
B	34	YOUNG STREET	LEWTS AVENUE	4043480732101	-	-	-	-
B	35	HAMPTON AVENUE	CLARK STREET	4043300732133	-	-	-	-
B	36	COOPER STREET	GLEN PLACE	4043280731919	-	-	-	-
B	37	ROCKAWAY AVENUE	DEER PARK ROAD	4043260731908	-	-	-	-
B	38	ARTHUR ROAD	LARAMIE ROAD	4042510732047	-	-	-	-
B	39	EDMUNTON DRIVE	HITHERDELL LANE	4043070731915	-	-	-	-
B	40	CANTERBURY LANE	HITHERDELL LANE	4043090731911	-	-	-	-
B	41	FULTON STREET	LAMONT PLACE	4044020732118	-	-	-	-
B	42	HAMPTON ROAD	CLAREMONT AVENUE	4043280732108	-	-	-	-
B	43	FARRAGUT ROAD	AMSTERDAM AVENUE	4043130732115	-	-	-	-
B	44	BROADWAY	BISHOP ROAD	4042590732057	-	-	-	-
B	45	DEER PARK ROAD	MOHAWK DRIVE	4044150731907	-	-	-	-
B	46	BROADWAY	LENOX ROAD	4042580732039	-	-	-	-
B	47	ELLENSUE DRIVE	KATHLEEN LANE	4044450732054	-	-	-	-
B	48	DEER PARK LANE	LEON PLACE	4046190732016	-	-	-	-
B	49	ROLAN DRIVE	OLD COUNTRY ROAD	4046370731929	-	-	-	-
B	50	WYAN DOTTE ST.	HOMER AVENUE	4046330731848	-	-	-	-
B	51	VILLA AVENUE	LAPEER STREET	4046220731851	-	-	-	-
B	52	BURLINGTON AVE.	ANGELICA COURT	4046060731854	-	-	-	-
B	53	ADAMS STREET	ATLANTIC AVENUE	4045350732022	-	-	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.]

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
B	1	-	30000	80.0	-	-	57.0	-	1	1	1	7
B	2	-	75000	75.0	-	-	54.0	-	1	1	1	7
B	3	-	51000	90.0	-	-	54.0	-	1	1	1	7
B	4	-	48800	80.0	-	-	51.0	-	1	1	1	7
B	5	-	70000	70.0	-	-	50.0	-	1	1	1	3
B	6	-	51000	10.0	-	-	52.0	-	1	1	1	5
B	7	-	10000	70.0	-	-	48.0	-	1	1	1	3
B	8	-	34000	60.0	-	-	48.0	-	1	1	1	7
B	9	-	15000	60.0	-	-	46.0	-	1	1	1	1
B	10	-	30000	70.0	-	-	50.0	-	1	1	1	3
B	11	-	50000	75.0	-	-	52.0	-	1	1	1	3
B	12	-	15000	70.0	-	-	50.0	-	1	1	1	3
B	13	-	43800	45.0	-	-	29.0	-	1	1	1	7
B	14	-	10000	35.0	-	-	22.0	-	1	1	1	7
B	15	-	32000	40.0	-	-	28.0	-	1	1	1	7
B	16	-	25000	50.0	-	-	43.0	-	1	1	1	1
B	17	-	40000	55.0	-	-	45.0	-	1	1	1	1
B	18	-	18000	50.0	-	-	41.0	-	1	1	1	1
B	19	-	25000	95.0	-	-	58.0	-	1	3	1	1
B	20	-	20000	105.0	-	-	57.0	-	1	3	1	1
B	21	-	30000	50.0	-	-	42.0	-	1	1	1	1
B	22	-	20000	45.0	-	-	38.0	-	1	1	1	1
B	23	-	45000	50.0	-	-	42.0	-	1	1	1	7
B	24	-	5000	105.0	-	-	58.0	-	1	1	1	1
B	25	-	39500	50.0	-	-	42.0	-	1	1	1	7
B	26	-	12000	50.0	-	-	42.0	-	1	1	1	7
B	27	-	22000	55.0	-	-	45.0	-	1	1	3	5
B	28	-	50000	50.0	-	-	38.1	-	1	1	1	3
B	29	-	15000	50.0	-	-	41.0	-	1	1	1	7
B	30	-	15000	45.0	-	-	34.0	-	1	1	1	7
B	31	-	14000	40.0	-	-	34.0	-	1	1	1	7
B	32	-	24000	50.0	-	-	40.0	-	1	1	1	7
B	33	-	18000	50.0	-	-	40.0	-	1	1	1	7
B	34	-	10000	45.0	-	-	37.0	-	1	1	1	7
B	35	-	31500	45.0	-	-	37.0	-	1	1	1	7
B	36	-	22500	42.0	-	-	25.0	-	1	1	1	7
B	37	-	16900	45.0	-	-	25.0	-	1	1	1	7
B	38	-	15000	35.0	-	-	25.0	-	1	1	1	7
B	39	-	8000	45.0	-	-	19.0	-	1	1	1	7
B	40	-	17000	45.0	-	-	19.0	-	1	1	1	7
B	41	-	25000	50.0	-	-	37.0	-	1	1	1	7
B	42	-	12000	40.0	-	-	33.0	-	1	1	1	7
B	43	-	20000	45.0	-	-	32.0	-	1	1	1	7
B	44	-	20000	40.0	-	-	31.0	-	0	1	1	7
B	45	-	43800	45.0	-	-	38.0	-	1	4	1	7
B	46	-	12000	35.0	-	-	30.0	-	1	1	1	7
B	47	-	132000	70.0	-	-	52.0	-	1	1	1	7
B	48	-	5800	85.0	-	-	54.0	-	1	1	1	7
B	49	-	15000	100.0	-	-	48.0	-	1	1	1	7
B	50	-	32500	95.0	-	-	52.0	-	1	1	1	7
B	51	-	32000	90.0	-	-	51.0	-	1	1	1	7
B	52	-	44100	85.0	-	-	50.0	-	1	1	1	7
B	53	-	20000	65.0	-	-	45.0	-	1	1	1	3

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
B 54	LUCILLE LANE	KELLY PLACE	4045470731934	-	-	-	-
B 55	IRVING AVENUE	LONG ISLAND AVE.	4045490731919	-	-	-	-
B 56	N. 2ND STREET	HALF HOLLOW RD.	4045390732004	-	-	-	-
B 57	CARLLS PATH	NICOLLS ROAD	4046000731914	-	-	-	-
B 58	MARCUS BLVD.	GRAND BLVD.	4045410731853	-	-	-	-
B 59	SHARON LANE	GRAND BLVD.	4045300731910	-	-	-	-
B 60	REED DRIVE	COMMACK ROAD	4045150731901	-	-	-	-
B 61	W. 20TH STREET	WESTVIEW AVENUE	4044330732025	-	-	-	-
B 62	W. 9TH STREET	ERLANGER BLVD.	4044480731953	-	-	-	-
B 63	ELMWOOD ROAD	COMMACK ROAD	4045070731905	-	-	-	-
B 64	PARK AVENUE	4TH STREET	4045140731923	-	-	-	-
B 65	W. 3RD. STREET	CENTRAL AVENUE	4045050731946	-	-	-	-
B 66	E. 8TH. STREET	LAKE AVENUE	4045380731923	-	-	-	-
B 67	CARDO CIRCLE	COMMACK ROAD	4045290731856	-	-	-	-
B 68	TOTTEN AVENUE	OAK STREET	4046040732017	-	-	-	-
B 69	IRVING AVENUE	LIBERTY STREET	4046140731922	-	-	-	-
B 70	NICOLLS ROAD	WEST WOOD AVE.	4046000731936	-	-	-	-
B 71	INDUSTRY COURT	GRAND BLVD.	4045460731814	-	-	-	-
B 72	E. 1ST. ST.	OAK LAND AVENUE	4045060731930	-	-	-	-
B 73	BOWLING LANE	COMMACK ROAD	4045110731901	-	-	-	-
B 74	BOWLING LANE	LISA DRIVE	4045130731837	-	-	-	-
B 75	SUBURBAN AVE.	COMMACK ROAD	4045090731859	-	-	-	-
B 76	WILDWOOD AVENUE	STEVENSON PL. E.	4046220731948	-	-	-	-
B 77	ARCADIA DRIVE	STRAIGHT PATH	4046220732031	-	-	-	-
B 78	GREAT NECK ROAD	DUNBAR ROAD	4042140732505	-	-	-	-
B 79	CORRAL DRIVE	FLORAL DRIVE	4042010732437	-	-	-	-
B 80	JEFFERSON AVE.	CAHILL STREET	4041470732513	-	-	-	-
B 81	HARDING AVENUE	WASHINGTON AVE.	4041470732448	-	-	-	-
B 82	AVON DRIVE	GREAT NECK ROAD	4041470732437	-	-	-	-
B 83	DITOMAS COURT	BAYVIEW AVENUE	4041100732423	-	-	-	-
B 84	BEVERLY AVENUE	BEACHVIEW STREET	4040280732411	-	-	-	-
B 85	LAFAYETTE STREET	KENMORE AVENUE	4040150732402	-	-	-	-
B 86	15TH. STREET	4TH. AVENUE	4043090732315	-	-	-	-
B 87	HAZEL BLVD.	4TH. STREET	4042560732306	-	-	-	-
B 88	ECKES AVENUE	LITTLE E.NECK RD	4042400732110	-	-	-	-
B 89	NIMS AVENUE	LITTLE E.NECK RD	4042420732106	-	-	-	-
B 90	ROSELLA COURT	PURITANA COURT	4042160732114	-	-	-	-
B 91	HENRY STREET	MUNCY AVENUE	4041550732057	-	-	-	-
B 92	LARSEN LANE	KAHAN LANE	4042110732102	-	-	-	-
BK 1	GASLIGHT ROAD	CARRIAGE COURT	4055180730823	640814	-	67000	67800
BK 2	SKY VIEW LANE	BEACON HILL DR.	4054480730823	6306	-	134000	145000
BK 3	BLINKERLIGHT RD.	GLEN COURT	4055180730830	661121	-	-	46000
BK 4	STONY BROOK RD.	UNIVERSITY HTS.	4053250730740	6409	-	664000	730000
BK 5	SOPHMORE LANE	COLLEGE DRIVE	4053450730755	6501	-	328000	352000
BK 6	CYTHIA COURT	SHERRY DRIVE	4056110730627	640304	-	287100	296400
BK 7	MUSKET PLACE	GNARLED OAK DR.	4055230730617	670125	-	114000	129200
BK 8	FOX HOLLOW ROAD	THORNWOOD	4054020730250	6302	-	682000	690600
BK 9	TALLMADGE GATE	RIDGEWAY AVENUE	4055590730738	651207	-	158100	173000
BK 10	FOX HOLLOW ROAD	THORNWOOD	4055160730624	670302	-	163000	173000
BK 11	THREE VILLAGE LA	SETALCUTT PL.	4055430730714	610611	-	77900	79300
BK 12	CANTERBERRY BLVD	OLD POST ROAD	4056140730443	6112	-	70000	78800
BK 13	FOX DALE LANE	MAIN STREET	4056350730449	551216	-	295800	351000
BK 14	POSSUM LANE	WOODCHUCK LANE	4055290730436	-	-	148200	155000
BK 15	COTTONTAIL LANE	OLD TOWN ROAD	4055230730452	-	-	306500	312000
BK 16	HAWKINS ROAD	LYNN STREET	4053010730454	630305	-	621100	643000

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
B	54	-	28000	75.0	-	-	49.0	-	1	1	1	7
B	55	-	12000	75.0	-	-	49.0	-	1	1	1	7
B	56	-	14000	70.0	-	-	45.0	-	1	1	1	7
B	57	-	11900	80.0	-	-	49.0	-	1	1	1	7
B	58	-	72000	75.0	-	-	48.0	-	1	1	1	7
B	59	-	37500	70.0	-	-	47.0	-	1	1	1	7
B	60	-	10000	65.0	-	-	45.0	-	1	1	1	7
B	61	-	40000	45.0	-	-	38.0	-	1	1	1	7
B	62	-	60000	50.0	-	-	42.0	-	1	1	1	7
B	63	-	20000	60.0	-	-	43.0	-	1	1	1	1
B	64	-	30000	65.0	-	-	48.0	-	1	1	1	7
B	65	-	12500	60.0	-	-	47.0	-	1	1	1	7
B	66	-	10000	75.0	-	-	46.0	-	1	1	1	7
B	67	-	20000	70.0	-	-	46.0	-	1	1	1	7
B	68	-	39100	80.0	-	-	53.0	-	1	1	1	7
B	69	-	32400	90.0	-	-	49.0	-	1	1	1	7
B	70	-	68000	80.0	-	-	47.0	-	1	1	1	7
B	71	-	40000	75.0	-	-	47.0	-	1	2	1	3
B	72	-	42000	60.0	-	-	43.0	-	1	1	1	7
B	73	-	40000	60.0	-	-	43.0	-	1	1	1	7
B	74	-	48000	75.0	-	-	44.0	-	1	1	1	7
B	75	-	10000	60.0	-	-	44.0	-	1	1	1	1
B	76	-	22500	90.0	-	-	53.0	-	1	1	1	7
B	77	-	30000	80.0	-	-	53.0	-	1	1	1	7
B	78	-	10000	45.0	-	-	25.0	-	1	1	1	7
B	79	-	40000	40.0	-	-	31.0	-	1	1	1	7
B	80	-	24000	40.0	-	-	27.0	-	1	1	1	7
B	81	-	48000	40.0	-	-	27.0	-	1	1	1	7
B	82	-	46000	40.0	-	-	27.0	-	1	1	1	7
B	83	-	15000	25.0	-	-	19.0	-	1	1	1	7
B	84	-	16000	15.0	-	-	9.9	-	1	1	1	7
B	85	-	35000	10.0	-	-	5.0	-	1	1	1	7
B	86	-	47300	50.0	-	-	42.0	-	1	1	1	7
B	87	-	14000	45.0	-	-	42.0	-	1	1	1	7
B	88	-	18000	35.0	-	-	23.0	-	1	1	1	7
B	89	-	5900	35.0	-	-	23.0	-	1	1	1	7
B	90	-	20000	30.0	-	-	18.0	-	1	1	1	7
B	91	-	7500	25.0	-	-	13.0	-	1	1	1	3
B	92	-	17500	30.0	-	-	17.0	-	1	1	1	7
BK	1	3800	27600	116.0	118.0	100.0	25.0	10.5	1	1	3	6
BK	2	14500	41400	52.0	-	41.0	31.0	23.0	1	1	3	5
BK	3	3600	15400	94.0	92.0	80.0	25.0	3.0	1	1	3	6
BK	4	73000	80000	140.0	-	125.0	41.0	104.6	1	1	1	7
BK	5	35200	64000	151.0	-	135.0	45.0	37.4	0	1	4	7
BK	6	22800	40000	92.0	91.0	78.0	28.0	30.9	1	1	3	3
BK	7	10800	27000	92.0	90.0	78.0	38.0	12.5	1	1	3	6
BK	8	69100	-	141.0	-	124.0	51.0	107.4	1	1	1	7
BK	9	17300	36000	103.6	-	92.0	27.0	27.0	1	1	3	6
BK	10	15700	40500	64.0	62.0	51.0	37.0	17.5	1	1	3	3
BK	11	6600	22400	109.0	108.0	96.0	32.0	14.3	1	1	3	7
BK	12	7900	16800	165.0	-	148.0	30.0	11.0	1	1	3	7
BK	13	35100	63600	118.5	-	95.0	20.0	35.0	0	1	3	7
BK	14	15500	-	148.0	-	-	41.0	27.0	1	1	4	5
BK	15	31200	52000	169.0	-	146.0	41.0	35.0	1	1	3	5
BK	16	58500	61400	107.7	103.5	92.5	[illegible]	97.8	1	1	1	5

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER		NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
BK	17	ONEIDA AVENUE	GIRARD STREET	405341073045 7	630305	-	505000	515400
BK	19	NICOLLS ROAD	FORTUNE LANE	405337073065 1	6310	-	117000	133000
BK	20	DOOLINGS PATH	BLUETOP ROAD	405242073064 4	630627	-	305000	309000
BK	21	FAWN LANE	TRACHER LANE	405335073040 8	6207	-	132300	127000
BK	22	PENN STREET	NEW YORK AVENUE	405358073041 1	6207	-	289000	340000
BK	23	COMERFORD	NEW YORK AVENUE	405351073041 0	6207	-	166400	170000
BK	24	FAWN LANE	LONGBOW LANE	405344073041 1	6207	-	120700	145000
BK	25	NICOLLS ROAD	DANIEL WEB'R DR.	405452073065 1	640203	-	460000	468000
BK	26	HAMILTON ROAD	WASHINGTON ROAD	405443073063 9	640203	-	720000	724000
BK	27	SETAUKET ROAD	SHEEP PASTURE RD	405509073063 5	640203	-	-	-
BK	28	FIRST STREET	FIRST AVENUE	405102073024 1	640128	-	92200	144400
BK	29	STORY LAND LANE	STORY BOOK LANE	405451073061 1	610630	-	392300	400000
BK	30	CINDERELLA LANE	MERLIN LANE	405458073055 7	6306	-	162000	185000
BK	31	MERLIN LANE	STORY LAND LANE	405504073055 8	6306	-	135000	145000
BK	32	SETAUKET ROAD	25TH. STREET	405347073054 8	671221	-	-	-
BK	33	LOCUST AVENUE	1ST. AVENUE	405516073045 6	671025	-	107000	108000
BK	34	TREE ROAD	HILBURN ROAD	405312073051 8	640109	-	110000	136000
BK	35	HAWKINS ROAD	EASTWOOD BLVD.	405259073050 3	640109	-	192000	242000
BK	36	STRATTON COURT	STRATTON LANE	405316073063 6	631210	-	715000	750000
BK	37	SYCAMORE CIRCLE	SHEPPARD LANE	405345073063 7	631210	-	1168000	1237000
BK	38	SILVER SPRUCE LA	STRATTON LANE	405322073061 1	641217	-	760000	800000
BK	39	SYCAMORE CIRCLE	SHAWMONT LANE	405337073055 9	640206	-	250000	252200
BK	40	POND PATH	MCGAW AVENUE	405220073063 8	670209	-	340000	342000
BK	41	HASKEL LANE	HASTINGS DRIVE	405400073065 8	651001	-	199600	202500
BK	42	OXHEAD ROAD	BARNWELL LANE	405329073065 7	650419	-	675000	725000
BK	43	RONNIE LANE	BEAVER DALE LANE	405307073063 8	650419	-	826500	950000
BK	44	BLACKWELL LANE	BLACKWELL COURT	405247073065 4	650419	-	336600	342000
BK	45	PALFREY STREET	PEMBROOK LANE	405312073070 7	651202	-	335000	365000
BK	46	HUNTING LANE	BARNWELL LANE	405326073070 4	651202	-	290000	310000
BK	47	MARWOOD PLACE	MAYMONT LANE	405238073080 2	650604	-	-	-
BK	49	STONY BROOK ROAD	GROVE STREET	405302073072 6	661108	-	1333000	-
BK	50	MILSTREAM LANE	ONYX DRIVE	405302073075 6	661215	-	485000	760000
BK	53	VALIANT DRIVE	HOLIDAY PARK DR.	405310073040 0	680801	-	1017000	1068000
BK	54	HAWKINS ROAD	SMITHTOWN BLVD.	405251073035 8	640801	-	285000	-
BK	55	HAWKINS ROAD	COLEMAN ROAD	405255073045 5	680801	-	291600	294800
BK	56	HAWKINS ROAD	COLEMAN ROAD	405252073040 4	681021	-	544000	562000
BK	57	OLD HOMESTEAD DR	SANDS LANE	405734073031 0	630702	-	-	-
BK	58	BEACH AVENUE	28TH STREET	405520073014 0	650623	-	176000	188100
BK	60	JEANNE AVENUE	MARK STREET	405508073035 1	641017	-	285000	322000
BK	61	JEFFERSON BLVD.	13TH. STREET	405541073033 1	620331	-	168000	168000
BK	62	JEANNE AVENUE	JOHN STREET	405519073034 8	640516	-	256600	305000
BK	63	CAROLYN ROAD	LINDA STREET	405510073042 4	640510	-	-	-
BK	64	PINE HILL ROAD	CRYSTAL BRK. HOL	405631073022 7	670928	-	203000	267000
BK	65	ARDMER DRIVE	GAYMORE ROAD	405527073031 8	650522	-	303500	310000
BK	66	NORWOOD AVENUE	CHARM CITY DRIVE	405513073032 0	650522	-	126000	135000
BK	67	CLINTON PLACE	CHEREB LANE	405542073031 7	591015	-	164000	167000
BK	68	FOREST AVENUE	NORWOOD AVENUE	405507073040 2	-	-	249800	373100
BK	69	WILLIAM STREET	COLUMBIA STREET	405541073024 0	601018	-	-	-
BK	70	CRYSTAL BRK.HOL.	SHENANDOAH BLVD.	405541073020 0	630115	-	82500	91000
BK	71	JUNARD STREET	CANAL ROAD	405520073020 4	630115	-	192600	183500
BK	72	CANAL ROAD	SHENANDOAH BLVD.	405518073015 4	6504	-	130000	133000
BK	73	NORWOOD AVENUE	JEFFERSON BLVD.	405511073033 0	660510	-	113800	115000
BK	74	ANDOVER DRIVE	EATON DRIVE	405506073015 3	6504	-	175500	180000
BK	75	YALE STREET	RHETTA LANE	405430073031 9	650213	-	396000	410000
BK	76	CLINTON AVENUE	LONG STREET	405423073022 6	-	-	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA (square feet)	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
BK	17	41200	82800	133.5	131.3	119.8	52.0	79.5	1	1	1	1
BK	19	13300	23800	148.0	-	-	49.0	18.4	1	1	4	7
BK	20	21300	50400	56.0	50.0	35.5	33.0	48.0	1	1	3	7
BK	21	12700	18400	107.0	-	96.0	52.0	24.1	1	1	1	5
BK	22	34000	34100	109.0	-	98.0	52.0	33.0	1	1	1	7
BK	23	17000	21800	139.0	-	124.0	52.0	19.0	1	1	1	7
BK	24	14500	22100	109.0	-	96.0	52.0	22.0	1	1	1	7
BK	25	46800	46800	110.0	-	109.0	43.0	72.4	1	1	3	1
BK	26	72000	105600	120.0	-	95.8	42.0	113.3	1	1	3	7
BK	27	-	41800	97.0	-	86.0	39.0	-	1	1	3	5
BK	28	14400	16500	-	-	-	58.0	14.5	1	1	6	5
BK	29	40000	105000	-	-	-	43.0	42.0	1	1	3	8
BK	30	18500	67200	157.0	-	141.8	41.0	18.5	1	1	3	3
BK	31	14500	36000	135.0	-	120.0	-	15.5	0	3	3	3
BK	32	-	75600	118.5	118.5	102.5	57.0	-	1	1	1	3
BK	33	10800	28800	159.5	-	146.0	42.0	16.8	1	1	4	6
BK	34	13600	28800	115.5	-	104.0	53.0	17.3	1	1	1	1
BK	35	24200	57000	101.5	101.5	88.5	53.0	30.2	1	1	1	5
BK	36	75000	95000	120.0	119.0	109.0	52.0	112.6	1	1	1	7
BK	37	112500	203000	129.0	129.0	118.0	50.0	134.0	1	1	1	7
BK	38	55200	80000	128.0	116.0	101.5	52.0	86.8	1	1	1	7
BK	39	18000	52000	122.0	120.0	106.0	52.0	28.7	1	1	1	7
BK	40	29700	51000	116.0	113.0	101.5	55.0	62.0	1	3	1	3
BK	41	16900	36300	153.0	153.0	141.0	49.0	22.8	1	1	4	7
BK	42	65900	98000	129.0	126.0	115.0	51.0	123.0	1	1	1	7
BK	43	86400	108800	114.0	114.0	103.0	54.0	94.4	1	1	1	7
BK	44	27400	64800	132.0	129.5	117.0	55.0	38.1	0	3	1	7
BK	45	36500	52500	136.0	133.5	123.5	51.0	52.7	1	1	1	7
BK	46	25800	65000	133.0	130.0	118.0	51.0	45.7	1	1	1	7
BK	47	-	40000	107.7	105.7	97.0	56.0	-	1	1	1	7
BK	49	-	150800	135.5	135.5	124.5	52.0	153.0	1	1	1	1
BK	50	65000	70000	129.0	126.5	114.8	53.0	55.0	1	1	1	1
BK	53	106800	104000	102.0	-	84.0	102.0	160.1	1	1	1	5
BK	54	-	60800	93.5	91.5	75.5	54.0	32.6	1	1	1	5
BK	55	29500	42000	102.0	-	83.5	54.0	32.3	1	1	1	5
BK	56	51100	64500	113.0	110.0	99.0	-	85.6	1	1	1	5
BK	57	-	-	150.0	-	75.0	11.0	-	1	1	3	1
BK	58	15700	42300	145.0	141.0	129.0	43.0	19.0	1	3	1	3
BK	60	32200	49600	171.0	-	160.0	43.0	44.9	1	1	1	7
BK	61	14100	32000	178.0	178.4	164.5	42.0	26.4	1	1	1	7
BK	62	30500	50400	174.3	-	164.5	43.0	40.4	1	1	1	7
BK	63	-	-	175.0	-	162.0	44.0	-	1	1	1	1
BK	64	24300	88000	90.9	85.9	74.9	30.0	35.0	1	3	3	5
BK	65	31000	50400	173.6	-	160.5	43.0	32.5	1	1	1	7
BK	66	13500	22400	172.0	-	158.5	43.0	13.5	1	1	1	7
BK	67	16700	19500	181.0	-	165.0	41.0	28.0	1	1	1	7
BK	68	37300	52000	170.0	-	158.0	44.0	39.3	1	1	1	7
BK	69	-	-	177.7	-	163.0	41.0	-	1	1	1	7
BK	70	7000	8800	154.0	150.0	137.0	41.0	13.0	1	1	1	1
BK	71	18400	33600	145.0	142.5	129.5	43.0	30.3	1	1	1	7
BK	72	22200	44000	141.0	137.0	131.0	43.0	14.7	1	1	1	7
BK	73	11500	12700	171.0	-	-	43.0	13.0	1	1	1	1
BK	74	18000	36000	142.0	140.5	130.5	43.0	27.6	1	1	1	1
BK	75	41000	56000	153.8	-	140.0	47.0	62.3	1	1	1	1
BK	76	-	-	145.3	-	132.0	50.0	-	1	1	1	7

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
BK 77	MARLO ROAD	CHARTER ROAD	405325073031 1	800206	-	252200	253000
BK 78	HALSEY STREET	BOSTON AVENUE	405433073040 6	860207	-	285000	289400
BK 79	HALF MILE ROAD	OLD TOWN ROAD	405413073031 8	850522	-	420500	453000
BK 80	JOLINE ROAD	NEWPORT DRIVE	405437073023 6	8207	-	-	-
BK 81	ALPINE STREET	LINCOLN PLACE	405437073022 7	8207	-	141800	142000
BK 82	KENT ROAD	NEWPORT DRIVE	405439073024 0	8207	-	126000	233000
BK 83	SCHOOLDRIVE	UNIVERSITY DRIVE	405508073025 7	8009	-	116000	117000
BK 84	WENMORE LANE	GREENHAVEN DRIVE	405438073032 3	-	-	76100	86000
BK 85	CHAMPLAIN STREET	NORTON LANE	405349073023 5	8003	-	-	-
BK 86	CORNELL STREET	OLD TOWN ROAD	405420073033 1	840415	-	166000	382000
BK 87	GREENHAVEN DRIVE	YALE STREET	405427073033 1	820410	-	170400	171700
BK 88	CROWN STREET	PORT JEFFERSON R	405438073035 7	840415	-	384000	387600
BK 89	THAMES STREET	BROADWAY	405459073040 4	840401	-	-	-
BK 90	BROADWAY	CARROLL STREET	405453073035 9	810401	249	-	-
BK 91	THAMES STREET	WOODHULL AVE.	405501073034 0	591128	-	-	-
BK 93	ROSS STREET	NEW YORK AVENUE	405326073035 0	850819	-	410000	472000
BK 94	HEWES STREET	NEW YORK AVENUE	405349073040 2	850819	-	868000	889000
BK 95	ROLLING ROAD	TREE ROAD	405657072595 0	870525	-	575000	587700
BK 96	MILLER PLACE RD.	CEDAR PLACE	405717072594 1	870725	-	662000	688000
BK 98	PIPE STAVE	HILDALE AVENUE	405711073005 3	800130	-	130000	139900
BK 99	WOODY PLACE	VIDONI DRIVE	405610073015 7	840617	-	213800	214000
BK 100	VIDONI DRIVE	WINDMILL LANE	405601073015 5	840617	-	220000	222700
BK 101	VIDONI DRIVE	BARNABY LANE	405609073013 9	840714	-	581900	581400
BK 103	CANAL ROAD	MOUNT SINAI ROAD	405514073012 3	8703	-	342000	353000
BK 104	BERRY LANE	LOCUST COURT	405654072593 5	8610	-	68300	88500
BK 105	PIPE STAVE ROAD	EVANS LANE	405634073001 3	8410	-	332000	346300
BK 106	DOGWOOD LANE	MAGNOLIA LANE	405717073003 9	860511	-	92000	116000
BK 107	HONEY LANE	PIPE STAVE ROAD	405707073004 2	880412	-	81500	83000
BK 109	N.ROCKY POINT RD	SOUNDWAY DRIVE	405734072571 8	870813	-	376000	496000
BK 110	N.ROCKY POINT RD	CADDY PLACE	405740072572 7	861005	-	1050000	1090000
BK 111	MILLER AVENUE	JOHN STREET	405652072532 1	830518	-	436000	490000
BK 112	ORCHARD PLACE	SOUNDWAY DRIVE	405747072570 9	-	-	70000	108000
BK 113	BUNKER STREET	GREENWAY DRIVE	405650072564 8	8509	-	87800	89700
BK 114	BABYLON DRIVE	NORTH COUNTRY RD	405845072574 8	860820	-	120000	121000
BK 115	KINGS ROAD	ROYAL WAY	405650072531 1	850525	-	736000	808000
BK 116	MILLS ROAD	GATEWAY DRIVE	405643072510 0	8504	-	236000	241000
BK 117	ROCKY POINT ROAD	NORTH COUNTRY RD	405618072562 2	880914	-	169000	170000
BK 118	MAHOGANY ROAD	WHITEWOOD DRIVE	405706072570 1	840320	-	895000	975000
BK 119	MAHOGANY ROAD	SHORT LANE	405715072585 9	840320	-	-	480000
BK 120	PATCHOGUE DRIVE	LAUREL ROAD	405710072571 7	880508	-	282000	290000
BK 121	NORTH COUNTRY RD	ROCKY POINT ROAD	405639072562 4	880914	-	88000	90300
BK 122	STERLING DRIVE	WADE DRIVE	405117073071 7	8410	-	430500	430500
BK 123	PARSNIP POND RD.	GLENN WAY	405132073072 9	8410	-	147000	147000
BK 124	SARAH DRIVE	KATHY LANE	405117073072 8	8410	-	37500	46000
BK 125	HY PLACE	BRANDY LANE	405126073070 1	850303	-	-	-
BK 126	WADE DRIVE	HY PLACE	405124073071 0	850303	-	39800	50400
BK 129	LEHIGH AVENUE	LAURIE BOULEVARD	405124073063 7	8409	-	286000	290000
BK 130	KATHRYN LANE	RICHARD PLACE	404911073055 1	851207	-	-	-
BK 131	HURON STREET	MILL ROAD	404854073055 4	851207	-	-	-
BK 132	B AVENUE	6TH STREET	404912073043 0	8405	-	191700	192000
BK 133	TOPAZ DRIVE	JOY PLACE	404950073044 8	810919	-	177700	177900
BK 134	PEAK STREET	VALLEY STREET	405021073045 6	841208	-	210000	216000
BK 135	DIANE STREET	HOLLY AVENUE	404940073052 2	810220	-	81500	48000
BK 136	RADBURN DRIVE	ARDEN LANE	405036073042 4	880813	-	671000	685000
BK 137	GAYMORE LANE	RADBURN DRIVE	405023073041 5	850506	-	437000	470000

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square	BASIN AREA feet)	ALTITUDE RIM	OVER-FLOW	BOT-TOM	WATER TABLE	DRAIN. AREA (acres)	BASIN-- STATUS	USE	GEO. UNIT	SOIL UNIT
BK	77	21100	34800	118.0	116.0	104.0	53.0	27.0	0	1	1	7
BK	78	20800	51000	149.8	144.9	131.0	46.0	44.9	1	1	1	1
BK	79	45300	54000	143.7	-	126.0	51.0	66.2	1	1	1	7
BK	80	-	33600	144.3	143.0	133.0	48.0	-	1	1	1	7
BK	81	13700	27200	150.0	146.4	136.0	48.0	22.3	1	1	1	7
BK	82	9900	30600	149.3	149.5	136.0	48.0	16.3	1	1	1	7
BK	83	9800	23400	168.0	166.3	154.3	45.0	18.3	1	1	1	7
BK	84	8600	12600	160.0	-	145.0	47.0	13.0	1	1	1	7
BK	85	-	49400	120.5	-	106.7	52.0	-	1	1	1	7
BK	86	38200	59800	149.9	-	137.4	50.0	26.1	1	1	1	7
BK	87	17200	34800	151.0	-	141.7	48.0	26.8	1	1	1	7
BK	88	38600	48000	160.0	-	142.0	46.0	60.4	1	1	1	7
BK	89	-	-	170.0	-	-	45.0	-	1	1	1	7
BK	90	-	-	165.0	-	-	45.0	-	1	1	1	7
BK	91	-	-	170.0	-	-	45.0	-	1	1	1	7
BK	93	33700	66600	118.0	120.0	104.0	51.0	40.1	1	1	1	3
BK	94	59300	115000	106.0	109.3	91.0	52.0	85.0	1	1	1	3
BK	95	58800	57500	160.0	160.1	142.0	23.0	62.0	1	1	4	3
BK	96	68800	102400	160.0	131.5	115.0	20.0	71.0	1	3	4	3
BK	98	14000	31500	110.0	87.0	74.0	18.0	20.5	1	1	3	6
BK	99	23300	46000	145.0	147.3	135.8	39.0	22.9	1	1	4	1
BK	100	20200	55100	137.0	139.4	126.0	39.0	23.5	1	1	4	1
BK	101	44700	72900	139.5	144.0	126.5	39.0	62.3	1	1	4	1
BK	103	27200	57800	134.8	138.0	121.8	44.0	35.6	1	1	1	1
BK	104	8900	19200	175.0	168.0	156.0	24.0	7.8	1	3	4	3
BK	105	34600	60000	150.0	154.0	138.0	33.0	35.6	1	1	4	1
BK	106	8900	39600	133.5	-	120.5	20.0	14.5	1	1	4	3
BK	107	8300	26100	162.0	166.0	152.0	20.0	12.8	1	1	4	7
BK	109	49600	76800	70.0	50.0	34.5	10.0	59.0	0	1	4	6
BK	110	68100	100800	50.0	59.0	34.0	5.0	64.3	0	3	4	6
BK	111	49000	57000	120.0	123.0	112.0	25.0	26.7	1	3	1	3
BK	112	10300	28600	50.5	51.5	40.0	4.0	11.0	1	1	4	7
BK	113	7500	16900	102.5	103.5	90.5	27.0	15.0	1	1	4	3
BK	114	10100	33000	118.0	121.0	106.0	27.0	13.8	1	3	4	6
BK	115	56900	63000	122.2	127.0	108.0	25.0	45.1	1	3	1	3
BK	116	17200	36000	128.0	131.0	114.0	44.0	26.0	1	1	1	1
BK	117	11700	30000	104.5	106.5	90.0	35.0	26.6	1	1	1	1
BK	118	88600	128000	79.0	83.0	68.0	25.0	140.9	0	1	4	3
BK	119	48000	54000	64.0	67.0	54.0	25.0	75.6	1	1	4	7
BK	120	20700	60000	118.0	119.2	104.0	22.0	44.4	1	1	4	6
BK	121	6500	19500	142.0	147.0	128.0	30.0	5.4	1	3	1	6
BK	122	50600	115200	75.5	92.3	67.0	52.0	47.5	1	1	1	6
BK	123	33400	48000	71.0	72.2	66.6	52.0	23.1	1	1	1	6
BK	124	4600	16900	90.0	77.4	68.4	52.0	43.0	1	1	1	5
BK	125	-	27300	125.0	117.1	104.5	52.0	-	1	1	1	6
BK	126	5000	11000	115.0	103.4	90.0	52.0	4.3	1	1	1	3
BK	129	20700	39000	98.0	101.0	84.0	54.0	28.0	1	1	1	6
BK	130	-	72200	112.0	115.6	98.0	47.0	-	1	1	1	3
BK	131	-	24200	112.0	115.0	102.0	47.0	-	1	1	1	3
BK	132	19200	50400	120.0	118.0	105.7	47.0	20.0	1	1	1	5
BK	133	16200	34000	131.5	131.5	120.5	52.0	20.4	1	1	1	6
BK	134	16000	30800	170.0	139.0	124.0	54.0	33.1	1	1	6	5
BK	135	4000	10200	150.0	151.0	138.0	51.0	9.0	1	1	1	7
BK	136	68500	123200	95.0	-	68.5	55.0	65.3	1	1	1	5
BK	137	47000	48600	93.3	-	81.5	53.0	47.0	1	1	6	5

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
BK 138	MOONEY POND ROAD	RADBURN DRIVE	405032073040З	650506	-	160000	200000
BK 139	LAKESIDE DTREET	PACKARD STREET	405221073065Z	-	-	-	-
BK 140	LOLLY LANE W.	LOLLY LANE	405028073054Ч	621023	-	364200	375000
BK 141	UNIVERSITY DRIVE	WASHINGTON AVE.	404951073042Ø	670721	-	65300	78000
BK 142	BLUE POINT ROAD	N. AVENUE	404935073055І	670501	-	-	-
BK 143	FOREST AVENUE	LAURELTON AVENUE	405044073073Ч	670103	-	386000	420000
BK 144	HARDWICK STREET	VIRGINIA AVENUE	405032073062Ч	650720	-	166000	360000
BK 145	DEERFIELD DRIVE	ALPINE PLACE	405047073062І	650720	-	270000	541000
BK 146	HAWKINS AVENUE	SYCAMORE AVENUE	405051073064Б	650720	-	236000	251000
BK 147	HY PLACE	VIE PLACE	405131073070З	96000	227	96000	106000
BK 148	MIDDLE COUNTRY R	HALLOCK ROAD	405142073072Z	661108	-	-	-
BK 149	SWAIN STREET	VIRGINIA AVENUE	405026073062Ч	670804	-	93400	108100
BK 150	PATCHOGUE AVENUE	POND ROAD	404858073053З	680116	-	184000	200000
BK 152	HAMMOND AVENUE	HAWKINS ROAD	405252073043І	680416	-	94800	102000
BK 153	HOLBROOK ROAD	LENORE LANE	405119073050І	620315	-	158800	174800
BK 154	LEHIGH AVENUE	LAURIE BOULEVARD	405124073064Ø	600318	-	-	-
BK 155	TUCKER LANE	DIANE AVENUE	405116073062Ч	600318	-	-	-
BK 156	HEIZEN AVENUE	TUCKER LANE	405123073062Ч	600318	-	-	-
BK 157	WASHBURN STREET	BIRCH STREET	405112073064Z	641030	-	82000	87900
BK 158	AVONDALE DRIVE	ALDEN LANE	405244073043б	600814	-	328000	329000
BK 159	HAMMOND AVENUE	ELWOOD DRIVE	405234073042Ч	600814	-	202000	204000
BK 160	WARD AVENUE	HAMMOND DRIVE	405224073043Z	600814	-	253900	260000
BK 161	STONEHURST	CIRCLE STREET	405245073041Ч	680723	-	251800	257000
BK 162	SAXON ROAD	HAMMOND AVENUE	405209073042Б	660104	-	99000	114000
BK 163	NORTHFIELD DR.	RIDGE ROAD	405021073051б	660329	-	183000	184000
BK 164	HOWELL AVENUE	MIDDLE COUNTRY R	405203073042З	671120	-	54900	57000
BK 165	NORTHVIEW COURT	SAXON ROAD	405218073043Ø	671127	-	-	140000
BK 166	CHARLES STREET	WASHINGTON AVE.	405102073052Б	680605	-	126500	133500
BK 167	HAMMOND AVENUE	SMITH STREET	405206073042Ø	680523	-	75800	78000
BK 168	BISCAYNE DRIVE	MONTCLAIR DRIVE	405319073031б	640724	-	589000	695000
BK 169	OAK STREET	CEDAR STREET	405301073032З	651229	-	327000	433000
BK 170	WILLOW STREET	APPLE STREET	405310073032Ч	631229	-	57000	57500
BK 171	RULAND ROAD	DON LANE	405301073033Ø	-	-	464200	475000
BK 172	QUAKER LANE	STUYVESANT DRIVE	405321073025Б	6203	-	250200	365000
BK 173	JANE BOULEVARD	14TH STREET	405331073024І	6203	-	221500	226000
BK 174	POINT AVENUE	JANICE LANE	405153073020б	650607	-	280000	284000
BK 175	ROSS PLACE	EMERY AVENUE	405146073020Ч	650607	-	234000	252000
BK 176	WASHINGTON AVE.	CHOATE AVENUE	405237073032б	641020	-	700000	858000
BK 177	FISK ROAD	ALMA AVENUE	405221073030б	661031	-	513000	514000
BK 178	PIEDMONT DRIVE	CLINTON PLACE	405551073034Z	621117	-	172900	175000
BK 179	SELDEN BOULEVARD	BELLROSE AVENUE	405216073034Б	650211	-	332300	435700
BK 180	10TH STREET	DAY STREET	405528073011б	660204	-	106500	105000
BK 181	EAGLE STREET	GLADYS STREET	405133073013Б	630223	-	362000	368000
BK 182	SOUTH BICYCLE PA	CLEARVIEW AVENUE	405103073012б	630223	-	-	-
BK 183	GALAXIE LANE	AMBASSADOR LANE	405122073024З	660202	-	458000	477000
BK 185	FISK ROAD	CARSTON STREET	405209073030Ø	641019	-	-	-
BK 186	WASHINGTON HGTS.	FISK ROAD	405209073024І	641019	-	-	-
BK 187	SELDEN BOULEVARD	HENRY AVENUE	405155073034І	650211	-	176300	215200
BK 188	MAGNOLIA ROAD	CONTINENTAL ROAD	405339073024Б	631204	-	-	-
BK 189	COLONY ROAD	PRISCILLA LANE	405350073030Ø	631204	-	-	-
BK 190	HART DRIVE	SEMINOLE STREET	405213073032Б	6212	-	124000	167000
BK 191	MARCH COURT	WANDA PLACE	405220073022Ч	600308	-	85000	90000
BK 192	REMINGTON STREET	FISK ROAD	405244073030І	621017	-	236000	249000
BK 193	FRANKLIN AVENUE	MAGNOLIA ROAD	405239073024Ч	621017	-	322000	385000
BK 194	STRAUSS STREET	FISK ROAD	405231073030Ø	641017	-	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER	MAX. AREA (square feet)	BASIN AREA	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
BK 138	20000	52800	140.0	-	117.0	55.0	17.0	1	1	6	5
BK 139	-	12800	92.7	-	80.0	60.0	-	1	1	1	3
BK 140	37500	66000	134.0	-	122.0	53.0	39.0	1	1	1	5
BK 141	7800	36100	110.0	-	99.3	51.0	7.2	1	1	1	5
BK 142	-	36000	150.0	121.0	112.0	51.0	-	1	1	1	1
BK 143	2600	52700	87.0	85.0	69.0	51.0	60.8	1	1	1	3
BK 144	2800	52000	121.0	118.5	105.5	53.0	19.0	1	1	1	6
BK 145	54100	74800	129.0	-	110.0	53.0	31.0	1	1	1	3
BK 146	20900	52000	117.0	114.0	102.0	53.0	27.0	0	3	1	7
BK 147	10600	23400	121.5	-	106.0	53.0	15.1	1	1	1	3
BK 148	-	160000	66.5	-	62.0	51.0	-	1	4	1	6
BK 149	9800	28400	108.0	106.0	95.0	53.0	10.0	1	1	1	3
BK 150	16000	38400	119.0	115.5	103.0	47.0	19.8	1	1	1	3
BK 152	10700	27000	99.0	95.0	85.5	54.0	14.9	1	1	1	5
BK 153	14600	27000	99.0	95.0	83.0	54.0	25.0	1	1	1	6
BK 154	-	35000	90.0	-	70.1	53.0	-	1	1	1	6
BK 155	-	29400	110.0	-	76.9	53.0	-	1	1	1	3
BK 156	-	37500	110.0	-	75.0	53.0	-	1	1	1	3
BK 157	8800	19200	125.0	-	112.0	52.0	12.9	1	1	1	7
BK 158	32900	44000	100.0	-	83.7	54.0	34.2	1	1	1	5
BK 159	20400	30000	101.0	-	83.3	54.0	21.0	1	1	1	5
BK 160	26000	28600	100.5	-	83.0	55.0	30.7	1	1	1	5
BK 161	23600	54400	96.4	94.4	83.5	55.0	39.6	1	1	1	5
BK 162	11400	30000	97.0	-	82.0	55.0	15.6	1	1	1	5
BK 163	15300	42500	129.0	127.0	115.0	53.0	19.0	1	1	6	5
BK 164	4200	17300	95.4	93.5	80.0	54.0	6.3	1	1	1	5
BK 165	9400	29700	55.0	95.8	94.0	55.0	22.1	1	1	1	5
BK 166	13400	35700	117.4	115.8	105.8	55.0	14.8	1	1	1	6
BK 167	7100	19500	95.0	93.0	82.0	54.0	11.9	1	1	1	5
BK 168	69500	84800	120.0	-	103.0	54.1	92.7	1	1	1	8
BK 169	36100	72500	105.5	103.0	91.0	56.0	51.5	1	1	1	5
BK 170	5800	18800	125.0	122.0	112.0	56.0	9.0	1	1	1	5
BK 171	47500	81200	112.9	-	92.6	56.0	73.1	1	1	1	5
BK 172	36500	70200	127.0	-	108.5	53.0	58.0	1	1	1	7
BK 173	22600	-	118.5	-	105.5	53.0	23.0	1	1	1	7
BK 174	28400	44100	73.1	-	64.0	54.0	29.0	1	1	1	8
BK 175	25200	25200	121.5	-	107.0	54.0	24.0	1	1	6	8
BK 176	71500	105600	96.0	93.0	81.0	56.0	110.2	1	1	1	5
BK 177	51400	91000	93.2	88.3	78.3	55.0	31.4	1	3	1	5
BK 178	17500	30000	185.5	-	170.0	40.0	13.7	1	3	1	1
BK 179	31100	58500	86.8	85.5	71.5	55.0	52.3	1	1	1	5
BK 180	10500	43200	150.0	110.0	99.9	44.0	16.8	1	1	1	1
BK 181	33500	65100	124.0	118.0	107.8	60.0	57.0	0	1	6	5
BK 182	-	-	208.4	-	193.5	54.0	-	1	1	6	5
BK 183	47700	50400	108.1	-	81.0	58.0	45.0	1	1	1	5
BK 185	-	50000	92.1	-	73.5	58.0	-	1	1	1	5
BK 186	-	37500	94.0	-	83.0	58.0	-	1	3	1	5
BK 187	21500	30600	99.8	-	87.0	54.0	19.4	1	1	1	5
BK 188	-	18200	135.0	-	123.4	52.0	-	1	1	1	7
BK 189	-	-	140.0	-	125.0	52.0	-	0	2	1	7
BK 190	16700	27800	170.0	-	156.7	58.0	22.0	1	1	6	8
BK 191	9000	12600	100.0	-	75.0	57.0	13.4	1	1	1	5
BK 192	24900	20400	94.7	-	82.5	57.0	37.2	1	1	1	5
BK 193	38500	35200	99.0	-	82.0	57.0	50.7	1	1	1	5
BK 194	-	-	90.0	-	-	54.0	-	1	1	1	8

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY (cubic feet)
BK 195	MALLARD AVENUE	TILDEN AVENUE	4052200730325	6003	-	248000	255000
BK 196	HAWKINS ROAD	CAMPO AVENUE	4052480730332	6003	-	502000	508000
BK 198	LARRY ROAD	RULAND ROAD	4052080730334	6210	-	252700	252300
BK 199	WYANET STREET	HIGHVIEW DRIVE	4051250730302	660427	-	54000	65000
BK 200	MOONEY POND ROAD	BEAR STREET	4051380730118	680429	-	288000	295000
BK 201	WOODBURY DRIVE	STRATFORD ROAD	4049350730239	630702	-	298000	300000
BK 202	WOODBURY DRIVE	PINE TREE ROAD	4049470730239	630702	-	119000	128000
BK 203	PORTION ROAD	LEEDS BOULEVARD	4050120730336	660817	-	164000	175000
BK 205	CRESTWOOD COURT	CRESTWOOD LANE	4050140730418	650305	-	183000	191000
BK 207	HORSE BLOCK ROAD	WAVERLY AVENUE	4050100730257	670501	-	460000	500000
BK 208	LENORE LANE	HORSE BLOCK RD.	4050440730305	670501	-	145000	146000
BK 209	HOLBROOK ROAD	6TH STREET	4048590730451	660127	-	945000	950000
BK 210	HOLBROOK ROAD	4TH STREET	4049250730457	660127	-	117000	128000
BK 211	HILLBERRY LANE	HORNLEAF LANE	4048500730439	660127	-	231000	232700
BK 212	HONEYSUCKLE LA.	DIVISION STREET	4049250730326	670911	-	122500	132000
BK 213	GRANNY ROAD	TUNNEL ROAD	4050070730119	680605	-	566000	690000
BK 214	KNICKERBOCKER AV	SMITH AVENUE	4049290725819	661007	-	143000	145000
BK 215	HORSE BLOCK ROAD	SIPP AVENUE	4049250725841	-	-	-	-
BK 216	KNICKERBOCKER AV	SIPP AVENUE	4049360725830	601025	-	-	-
BK 217	COMMERCIAL BLVD.	ISLAND ROAD	4050180725935	630415	-	248000	249000
BK 218	GLENWOOD AVENUE	6TH STREET	4050190730009	650720	-	452300	453100
BK 219	BEECH AVENUE	4TH STREET	4050050730010	660624	-	495000	500100
BK 220	EVERGREEN AVENUE	1ST STREET	4049440725957	660720	-	659400	680300
BK 221	OAKDALE AVENUE	HORSE BLOCK ROAD	4049560730031	661118	-	69200	69200
BK 222	MARURE AVENUE	SOUTHAVEN AVENUE	4048010725824	670117	-	340200	363500
BK 225	RICHMOND AVENUE	WOODSIDE AVENUE	4047590730003	-	-	-	-
BK 226	TREMONT AVENUE	BARTON AVENUE	4047330730005	660329	-	144000	157300
BK 227	L.I.R.R.	SOUTH COUNTRY RD	4045570725847	660829	-	87100	110000
BK 228	PATCHOGUE ROAD	BROOKHAVEN ROAD	4046310725844	-	-	-	-
BK 229	ROBINSON AVENUE	SUNRISE HIGHWAY	4046410725844	-	-	-	-
BK 230	CORKY COURT	DENA DRIVE	4045170730231	-	-	51800	52200
BK 231	DEBBIE LANE	SHARRON LANE	4047070725931	680226	-	185000	178000
BK 232	WOODSIDE AVENUE	MEDFORD AVENUE	4047400730054	680617	-	62300	62700
BK 233	RICHMOND AVENUE	BARTON AVENUE	4047220725948	680605	-	76000	76000
BK 234	COLUMBUS AVENUE	BROOKHAVEN AVE.	4046380725748	600418	-	277300	277400
BK 235	AMSTERDAM AVENUE	LOUISE AVENUE	4047070725750	601018	-	175700	175400
BK 236	HEAD OF THE NECK	COUNTRY CLUB RD.	4045390725705	670501	-	98000	131100
BK 237	HEAD OF THE NECK	MUNSELL ROAD	4045480725715	6705	-	201000	230000
BK 238	N.Y.S. ROUTE	PAQUATUCK AVENUE	4048210724618	660427	-	111000	147000
BK 239	GOLDEN GATE DR.	SMITH ROAD	4045370725228	620322	-	21500	25100
BK 240	EDWARD LAKE	CANAL DRIVE	4047500724759	-	-	-	-
BK 241	CHANEL DRIVE	COLLINGWOOD ROAD	4046020725142	600217	-	98900	-
BK 242	ARPEGE DRIVE	COLLINGWOOD ROAD	4045550725141	600217	-	61900	-
BK 243	ALCOLADE DRIVE	COLLINGWOOD ROAD	4046020725136	600217	-	90300	-
BK 244	ARPAGE DRIVE	COLLINGWOOD ROAD	4045570725136	600217	-	63400	-
BK 245	CHANEL DRIVE	FLOYD ROAD	4046040725121	600217	-	95600	-
BK 246	FLOYD ROAD	ARPAGE DRIVE	4046000725112	600217	-	98500	-
BK 247	WINTERS DRIVE	MARCELLA DRIVE	4049530725154	600217	-	138800	141200
BK 248	GIRARD DRIVE	CARLIN DRIVE	4049450725151	600217	-	166100	191600
BK 249	CAMPBELL DRIVE	ABERDEAN DRIVE	4049590725138	600217	-	56700	58400
BK 250	TITMUS DRIVE	MARCELLA DRIVE	4049510725128	600217	-	163200	-
BK 251	TITMUS DRIVE	MARCELLA DRIVE	4049500725124	600217	-	219400	-
BK 252	SMITH ROAD	RANCH DRIVE	4046340725228	600519	230	56000	-
BK 253	APPEL DRIVE	MARGIN DRIVE	4046350725159	600519	-	160000	-
BK 254	BRESTON DRIVE	HELENE DRIVE	4046390725153	600519	-	49600	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA (square feet)	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
BK	195	25500	32400	91.7	-	78.0	57.0	39.0	1	1	1	8
BK	196	41300	56600	90.0	93.3	81.0	56.0	79.0	1	1	1	5
BK	198	25200	31600	93.4	-	77.5	56.0	39.8	1	1	1	8
BK	199	8100	15600	143.0	141.0	133.0	59.0	8.5	1	1	6	5
BK	200	29500	33000	135.0	-	105.0	60.0	31.0	1	3	6	5
BK	201	30000	28600	113.0	-	101.0	48.0	32.0	1	1	1	7
BK	202	12800	14000	133.0	-	120.0	48.0	17.0	1	1	1	7
BK	203	23800	24800	150.0	145.8	132.7	52.0	10.0	1	3	1	5
BK	205	17400	34400	-	-	-	53.0	28.8	1	1	1	5
BK	207	62500	63200	-	-	-	52.0	72.4	0	0	0	0
BK	208	15600	24800	155.0	151.3	142.0	56.0	22.8	1	1	6	5
BK	209	95000	110800	118.0	-	101.0	47.0	148.8	1	1	1	3
BK	210	12800	8600	130.0	-	117.5	12.6	12.6	1	1	1	3
BK	211	23300	26400	110.0	-	85.5	47.0	24.0	1	3	1	3
BK	212	11500	22500	140.0	117.5	106.0	50.0	14.1	1	1	1	1
BK	213	53100	80900	-	129.0	116.0	49.0	34.6	1	3	1	3
BK	214	14500	36000	90.0	87.0	77.0	41.0	22.5	1	1	1	3
BK	215	-	-	80.0	-	69.0	41.0	-	1	1	1	3
BK	216	-	-	95.0	-	70.0	41.0	-	1	1	1	3
BK	217	24900	35600	105.0	-	89.8	47.0	39.0	1	1	1	6
BK	218	56600	60400	126.0	123.5	115.5	53.0	50.0	1	1	1	3
BK	219	38500	58100	110.0	112.5	99.5	52.0	53.0	1	1	1	6
BK	220	85000	99800	98.0	95.5	87.5	44.0	70.6	1	1	1	6
BK	221	8700	17400	97.0	95.0	87.0	50.0	74.1	1	3	1	3
BK	222	36400	68600	68.0	66.0	56.0	35.0	37.1	1	1	1	3
BK	225	-	-	70.0	-	-	36.0	-	1	3	1	3
BK	226	17500	25600	61.0	59.0	50.0	36.0	15.4	1	1	1	3
BK	227	18300	25700	15.5	13.3	7.3	7.0	5.3	1	3	1	3
BK	228	-	-	25.0	-	20.0	20.0	-	1	1	1	3
BK	229	-	15700	32.0	-	32.5	-	-	1	1	1	3
BK	230	5200	11300	31.6	-	20.0	20.0	8.2	1	1	1	6
BK	231	18700	33300	36.0	31.0	21.5	21.0	33.8	1	3	1	3
BK	232	7400	16900	42.0	38.5	30.0	30.0	71.5	1	1	1	3
BK	233	12700	21800	40.0	31.0	25.0	25.0	12.0	1	1	1	7
BK	234	23100	35200	38.0	37.5	25.5	16.0	43.7	1	1	1	7
BK	235	21900	34900	38.4	36.8	28.8	28.0	27.7	1	1	1	1
BK	236	14300	22900	28.5	26.2	17.0	8.0	119.1	1	3	1	3
BK	237	24200	33900	21.0	19.5	10.0	8.0	31.6	1	1	1	3
BK	238	23500	40600	26.0	17.7	11.5	12.0	6.8	1	3	1	3
BK	239	2500	7700	19.0	-	6.0	4.0	3.4	1	1	1	3
BK	240	-	-	20.0	-	10.0	10.0	-	1	1	1	6
BK	241	-	11500	20.0	15.6	7.0	7.0	11.8	1	1	1	3
BK	242	-	7100	16.0	15.6	7.0	6.0	7.9	1	1	1	3
BK	243	-	6900	19.0	17.4	7.5	7.0	12.1	1	1	1	3
BK	244	-	7000	16.0	16.1	7.0	6.0	6.4	1	1	1	3
BK	245	-	17900	18.0	12.3	7.0	5.0	15.6	1	1	1	3
BK	246	-	23500	15.0	10.2	6.0	4.0	10.2	1	1	1	3
BK	247	14100	25800	87.0	81.7	71.7	30.0	25.5	1	1	1	3
BK	248	19200	28800	95.0	75.9	65.9	29.0	30.5	1	1	1	3
BK	249	5800	11300	86.0	85.0	75.0	31.0	10.4	1	1	1	3
BK	250	-	27700	65.9	64.5	54.5	31.0	25.7	1	1	1	3
BK	251	-	40300	68.0	64.5	54.5	31.0	34.5	1	1	1	3
BK	252	-	12400	30.0	27.5	23.0	6.0	66.8	1	1	1	3
BK	253	-	16000	32.0	29.7	20.0	7.0	169.6	1	1	1	6
BK	254	-	5000	33.0	30.5	21.0	8.0	6.4	1	1	1	6

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
BK 255	APPEL DRIVE	HOUNSLOW ROAD	4046330725138	600519	230	201700	-
BK 256	MARGIN DRIVE	BRESTON DRIVE W.	4046350725204	600519	-	103400	-
BK 257	BRESTON DRIVE W.	MARGIN DRIVE	4046400725205	600519	-	195000	-
BK 258	CARLIN DRIVE	TITMUS DRIVE	4049430725127	600517	-	-	-
BK 259	MASON DRIVE	MINTI DRIVE	4052510725943	660427	-	669000	705000
BK 260	BOLIN ROAD	GRADY LANE	4052350730014	660427	-	560000	600000
BK 261	WINFIELD DAVIS	BEECHER AVENUE	4052320725932	650716	218	254000	270000
BK 262	DENNIS LANE	OAK LANE	4052490725909	650716	-	-	-
BK 263	COMMUNITY ROAD	FORREST LANE	4052550725901	670130	-	277000	299000
BK 264	PATCHOGUE ROAD	PINE ROAD	4053200730050	6803	-	359000	375000
BK 265	HANSON STREET	WESTFIELD ROAD	4053180725846	-	-	214400	225600
BK 266	MT.SINAI-CORAM R	CORAM-SWEZEYTOWN	4053290725906	-	218	569900	576200
BK 267	OLD TOWN ROAD	CLARK STREET	4052440730135	-	-	875000	876000
BK 268	PENNAQUID ROAD	HAWKINS ROAD	4053030730145	661031	-	552000	638000
BK 269	LAUREL AVENUE	JOHN STREET	4053360730159	661031	-	900000	1100000
BK 270	PINE STREET	HOWE ROAD	4053240730126	670103	-	197000	210000
BK 271	PINE STREET	HOWE ROAD	4053360730124	670103	-	189000	191000
BK 272	HOWE ROAD	PORT JEFFERSON R	4053470730116	680219	-	450000	460000
BK 273	BAILEY ROAD	ROCKY POINT ROAD	4053240725608	650401	-	236800	251000
BK 275	FLICKER DRIVE	MAPLE ROAD	4053150725622	6402	-	136800	134300
BK 276	ANTIOCH DRIVE	RIDER LANE	4055470725330	680118	-	489000	493500
BK 277	HIGHWOOD LANE	CREST DRIVE	4055070725319	6501	-	390000	407000
BK 278	HIGHWOOD LANE	CREST DRIVE	4054540725301	6501	250	632000	671000
BK 279	SOUTHAMPTON PATH	WADING RIVER RD.	4054430725251	6501	-	400100	489000
BK 280	HILLTOP LANE	APEX LANE	4054210725317	6501	-	446500	500000
BK 281	LONG POND DRIVE	STEPHEN DRIVE	4055440725049	670408	250	270000	280600
BK 282	GARDEN LANE	TERRACE COURT	4050220725640	620818	-	52800	38000
BK 283	HORSE BLOCK ROAD	BELLPORT ROAD	4048450725738	680716	-	263500	264300
BK 285	HOWELL AVENUE	HORSE BLOCK ROAD	4050500730418	681213	-	78800	92000
BK 286	HOWELL AVENUE	HORSE BLOCK ROAD	4050470730413	681212	-	162000	175000
BK 288	PINE HILL ROAD	ELLEN DRIVE	4056280730250	660910	249	69000	85000
BK 289	CRYSTAL BRK.HOL.	PINE HILL ROAD	4056370730233	660910	249	221000	225000
BK 290	WILSON STREET	MARCY AVENUE	4053260730348	651021	-	420000	430000
BK 291	CLEMATIS STREET	NORWOOD AVENUE	4046230730411	-	-	245800	373100
BK 292	QUINCY STREET	CHAMBERLAND PATH	4056060730729	6506	-	158100	173000
BK 293	MOUNT HURON CT.	ALLEGHENY DRIVE	4049560730104	-	-	446500	459700
BK 294	RIDGEWAY AVENUE	BENNETS ROAD	4056050730714	670622	-	-	-
BK 295	A AVENUE	4TH STREET	4049270730445	681024	-	142000	148200
BK 296	BEAVERDAM ROAD	ARTHUR AVENUE	4046260725529	6808	-	167400	172000
BK 297	WEST BROADWAY DR	FAIRWAY DRIVE	4054120730344	641117	-	123000	126000
BK 298	CONCORD STREET	QUEENS AVENUE	4056400725911	-	-	183000	191000
BK 299	THE BEND	VEE JAY DRIVE	4056300725249	-	-	-	-
BK 300	BLACKFOOT TRAIL	VEE JAY DRIVE	4056270725313	-	-	-	-
BK 301	BRANCH LANE	FIRESIDE LANE	4054170730448	-	-	363400	385000
BK 302	SETAUKET ROAD	20TH STREET	4053290730556	-	-	135100	135900
BK 303	MISSOURI PLACE	CORAM ROAD	4054550725930	-	-	381800	414800
BK 304	MAIN ROAD	HUBB ROAD	4054340730617	-	-	188000	203800
BK 305	SETALCUTT PLACE	SETALCUTT PL. N.	4055460730707	-	-	43500	44000
BK 306	LOWER DEPOT ROAD	MILLS LANE	4056310730602	-	-	-	-
BK 307	UPPER DEPOT ROAD	HIGHLAND AVENUE	4056250730615	-	-	-	-
BK 308	OLD TOWN ROAD	LYNX LANE	4055470730514	-	-	-	-
BK 309	SHEEP PASTURE RD	BENNETS ROAD	4055170730655	-	-	-	-
BK 310	SETAUKET ROAD	LIRR	4055420730653	-	-	-	-
BK 320	THOMPSONS PATH	TUDOR DRIVE	4055340730730	-	-	-	-
BK 321	WILLIAM PENN DR.	YORKSHIRE AVENUE	4055470730742	-	-	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER	MAX. AREA (square feet)	BASIN AREA (square feet)	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
BK 255	-	20200	30.0	27.7	-	7.0	279.4	1	1	1	3
BK 256	-	10300	33.0	29.9	20.0	7.0	22.0	1	1	1	3
BK 257	-	19500	35.0	27.7	18.0	8.0	30.7	1	1	1	6
BK 258	-	47300	75.0	66.5	56.5	30.0	-	1	1	1	3
BK 259	70500	-	70.0	-	60.5	53.0	105.3	1	1	1	3
BK 260	60000	-	70.0	-	-	53.0	55.2	1	1	1	5
BK 261	17000	30300	78.5	75.9	60.0	53.0	40.0	1	1	1	7
BK 262	-	-	90.0	-	-	52.0	-	1	1	1	5
BK 263	20800	37400	85.0	71.4	57.0	52.0	43.6	1	1	1	5
BK 264	37500	21300	100.0	-	-	52.0	41.0	1	1	1	5
BK 265	19300	35600	80.0	81.2	69.5	52.0	17.8	1	1	1	6
BK 266	57600	-	95.0	-	73.0	52.0	52.4	1	1	1	0
BK 267	87600	-	90.0	-	71.5	54.0	97.2	1	1	1	5
BK 268	63800	-	90.0	-	86.0	54.0	61.2	1	3	1	5
BK 269	110000	-	120.0	-	96.5	54.0	10.3	1	1	1	1
BK 270	21000	-	120.0	-	100.0	54.0	22.5	1	3	1	3
BK 271	19100	-	120.0	-	102.0	54.0	21.0	1	3	1	3
BK 272	46000	-	110.0	-	85.0	51.0	49.8	1	3	1	5
BK 273	17300	33600	90.0	87.0	72.5	50.0	14.5	1	3	1	1
BK 275	11200	22100	88.5	86.0	74.0	50.0	152.0	1	3	1	1
BK 276	49400	-	105.0	-	-	40.0	55.0	1	1	1	1
BK 277	40700	41400	75.0	-	63.8	43.0	43.0	1	1	1	3
BK 278	67100	64000	77.0	-	50.8	45.0	71.0	0	1	1	0
BK 279	48900	51000	83.0	-	69.5	46.0	45.7	1	3	1	3
BK 280	50000	45600	81.0	-	66.5	47.0	51.0	1	1	1	6
BK 281	31200	37500	49.5	49.0	40.0	40.0	42.5	1	1	1	0
BK 282	34900	6600	50.5	57.5	46.6	38.0	8.3	1	1	1	3
BK 283	26400	-	95.0	-	78.5	38.0	10.8	1	3	1	3
BK 285	9200	12800	135.0	-	-	114.0	9.0	1	1	6	5
BK 286	17500	22500	130.0	-	104.0	56.0	18.5	1	1	6	5
BK 288	8500	16700	163.0	159.0	149.0	30.0	4.2	1	3	3	5
BK 289	18000	32500	78.0	75.5	63.0	30.0	13.5	1	3	3	5
BK 290	43000	-	115.0	-	-	52.0	41.1	1	1	1	3
BK 291	37300	-	175.0	-	158.0	44.0	38.7	1	1	1	7
BK 292	17300	26900	107.5	100.0	90.0	27.0	27.0	1	1	3	5
BK 293	46000	-	120.0	-	106.5	50.0	70.3	1	1	1	7
BK 294	-	-	50.0	62.0	49.0	27.0	-	1	3	3	5
BK 295	11900	24200	132.2	130.5	117.0	51.0	19.2	1	1	1	6
BK 296	17200	-	47.0	-	-	14.0	30.5	1	3	1	3
BK 297	12600	14900	145.3	-	132.0	52.0	22.3	1	1	1	7
BK 298	15900	26400	145.2	142.0	130.0	31.0	18.0	1	1	1	3
BK 299	-	18900	120.0	-	104.0	28.0	-	1	1	1	3
BK 300	-	29200	120.0	-	109.0	28.0	-	1	1	1	1
BK 301	38500	57600	141.0	-	127.0	50.0	41.5	1	1	1	7
BK 302	13600	28800	115.0	-	-	52.0	15.5	1	1	1	3
BK 303	41500	72800	140.0	134.8	-	48.0	34.0	1	1	1	5
BK 304	20400	51200	132.0	127.0	116.0	44.0	19.6	1	1	3	6
BK 305	4400	25600	97.0	91.0	81.0	30.0	7.9	1	1	3	6
BK 306	-	-	15.0	-	-	5.0	-	1	1	3	4
BK 307	-	-	15.0	-	-	5.0	-	1	1	3	4
BK 308	-	-	110.0	-	-	35.0	-	1	3	3	6
BK 309	-	-	90.0	-	-	38.0	-	1	3	3	1
BK 310	-	-	50.0	-	-	33.0	-	1	1	3	3
BK 320	-	-	90.0	-	-	32.0	-	1	1	3	7
BK 321	-	-	150.0	-	-	31.0	-	1	1	3	7

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
BK 322	OLD TOWN ROAD	LIRR	4056390730005	-	-	-	-
BK 323	MOUNT SINAI AVE.	CANAL ROAD	4055260730058	-	249	-	-
BK 324	POPLAR STREET.	RED AVENUE	4055380730250	-	-	-	-
BK 326	GRAND AVENUE	DEWEY STREET	4055480730251	-	-	-	-
BK 327	GRAND AVENUE	DEWEY STREET	4055470730251	-	-	-	-
BK 328	GRAND AVENUE	DEWEY STREET	4055460730253	-	-	-	-
BK 329	PARDAM KNOLL RD.	EVANS LANE	4056370730008	-	-	-	-
BK 330	HALLOCK LANDING	N. ROCKY POINT R	4057050725633	-	251	-	-
BK 331	2ND AVENUE	LANDING ROAD	4057050725630	-	251	-	-
BK 332	SYCAMORE ROAD	SOUND VIEW DRIVE	4057430725547	-	256	-	-
BK 333	PECONIC ROAD	PLANDOME ROAD	4057000725749	-	257	-	-
BK 334	PORT JEFFERSON R	YAPHANK ROAD	4057510725815	-	257	-	-
BK 335	WILDWOOD DRIVE	NEW YORK AVENUE	4057130725905	-	-	-	-
BK 336	IROQUOIS TRAIL	LONG POND ROAD	4055450725109	-	-	-	-
BK 337	IROQUOIS TRAIL	LONG POND ROAD	4055480725111	-	-	-	-
BK 338	IROQUOIS TRAIL	LONG POND ROAD	4055480725113	-	-	-	-
BK 339	CHEEMAUN TRAIL	LONG POND ROAD	4055480725116	-	-	-	-
BK 340	CHEEMAUN TRAIL	LONG POND ROAD	4055460725115	-	-	-	-
BK 341	LAKEVIEW TRAIL	DORIS TRAIL	4055350725059	-	-	-	-
BK 342	WOODVILLE ROAD	CIRCLE DRIVE	4057100725425	-	256	-	-
BK 343	NORMAN AVENUE	FREDERICK DRIVE	4057140725346	-	-	-	-
BK 344	WOODVILLE ROAD	SUFFOLK DOWN	4057180725422	-	256	-	-
BK 345	MARKET STREET	NOEL DRIVE	4051340730521	-	-	-	-
BK 346	MARK TREE ROAD	LINDA DRIVE	4051580730511	-	-	-	-
BK 347	DAWN DRIVE	STANLEY DRIVE	4051570730515	-	-	-	-
BK 348	53RD. STREET	NOEL DRIVE	4051570730524	-	216	-	-
BK 349	STANLEY DRIVE	49TH STREET	4052060730525	-	216	-	-
BK 350	MARK TREE ROAD	47TH STREET	4052130730525	-	216	-	-
BK 351	OXHEAD ROAD	EDWARD STREET	4051420730536	-	216	-	-
BK 352	CRAFT ROAD	EDWARD STREET	4051370730544	-	216	-	-
BK 353	VAN BERGEN BLVD.	EVELYN LANE	4051100730554	-	-	-	-
BK 354	MIDLAND AVENUE	WASHINGTON ST.	4050410730610	-	216	-	-
BK 355	MCGRAW AVENUE	PENN STREET	4051400730633	-	-	-	-
BK 356	ORIENTA AVENUE	HAMPTON STREET	4050450730728	-	-	-	-
BK 357	STONY BROOK RD.	STEVEN PLACE	4052420730709	-	-	-	-
BK 358	STONY BROOK ROAD	STEVEN PLACE	4052420730709	-	-	-	-
BK 359	FIRESIDE LANE	MAYFLOWER LANE	4053000730451	-	-	-	-
BK 360	CABIN LANE	STALKER LANE	4054410730435	-	-	-	-
BK 361	W. OF UNIVERSITY		4054280730651	-	259	-	-
BK 362	TUDOR COURT	UNIVERSITY DRIVE	4054260730611	-	-	-	-
BK 363	N. OF ACORN LA.		4054240730828	-	-	-	-
BK 364	STATE HWY.25A	MOUNT ROAD	4054310730745	-	-	-	-
BK 365	DRAKE ROAD	BOWDEN ROAD	4052500730516	-	-	-	-
BK 366	WEST COURT DR.	34TH STREET	4052410730529	-	-	-	-
BK 367	LAURA DRIVE	ESTHER	4051530730411	-	-	-	-
BK 368	POND PATH	PEARLESS DRIVE	4052040730650	-	-	-	-
BK 369	POND PATH	PEARLESS DRIVE	4052040730653	-	-	-	-
BK 370	N. OF TUDOR ROAD		4051280730447	-	-	-	-
BK 371	SUNSET DRIVE	MORNING DRIVE	4052070730511	-	-	-	-
BK 372	TREE ROAD	LEONARD LANE	4052130730510	-	234	-	-
BK 373	BARBARA DRIVE	BERNARD PLACE	4052110730455	-	216	-	-
BK 374	EASTWOOD BLVD.	SCHOOL STREET	4051540730444	-	-	-	-
BK 375	WAGON LANE SOUTH	WAGON LANE EAST	4052190730451	-	216	-	-
BK 376	WAGON LANE EAST	EASTWOOD BLVD	4052340730456	-	216	-	-
BK 377	S. OF FLOWER LA.		4052350730504	-	-	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER	MAX. AREA (square feet)	BASIN AREA (square feet)	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
BK 322	-	-	100.0	-	-	32.0	-	1	1	3	5
BK 323	-	-	150.0	-	-	42.0	-	1	1	3	1
BK 324	-	-	180.0	-	-	43.0	-	1	1	1	7
BK 326	-	-	175.0	-	-	41.0	-	1	1	1	7
BK 327	-	-	175.0	-	-	41.0	-	1	1	1	7
BK 328	-	-	175.0	-	-	41.0	-	1	1	1	7
BK 329	-	-	150.0	-	-	32.0	-	1	1	4	7
BK 330	-	-	115.0	-	-	24.0	-	1	1	4	7
BK 331	-	-	115.0	-	-	24.0	-	1	1	4	7
BK 332	-	-	110.0	-	-	2.0	-	1	1	1	6
BK 333	-	-	180.0	-	-	25.0	-	1	1	4	5
BK 334	-	-	90.0	-	-	3.0	-	1	1	4	6
BK 335	-	-	110.0	-	-	22.0	-	1	1	4	3
BK 336	-	-	60.0	-	-	42.0	-	1	1	1	3
BK 337	-	-	65.0	-	-	42.0	-	1	1	1	3
BK 338	-	-	65.0	-	-	44.0	-	1	1	1	3
BK 339	-	-	65.0	-	-	44.0	-	1	1	1	1
BK 340	-	-	70.0	-	-	44.0	-	1	1	1	1
BK 341	-	-	45.0	-	-	44.0	-	1	1	1	1
BK 342	-	-	140.0	-	-	18.0	-	1	1	4	5
BK 343	-	-	160.0	-	-	15.0	-	1	1	4	5
BK 344	-	-	100.0	-	-	14.0	-	1	1	4	6
BK 345	-	-	100.0	-	-	54.0	-	1	1	1	5
BK 346	-	-	95.0	-	-	54.0	-	1	1	1	8
BK 347	-	-	100.0	-	-	54.0	-	1	1	1	8
BK 348	-	-	105.0	-	-	54.0	-	1	1	1	5
BK 349	-	-	110.0	-	-	55.0	-	1	1	1	5
BK 350	-	-	100.0	-	-	55.0	-	1	1	1	5
BK 351	-	-	100.0	-	-	54.0	-	1	1	1	5
BK 352	-	-	95.0	-	-	54.0	-	1	1	1	6
BK 353	-	-	95.0	-	-	56.0	-	1	1	1	7
BK 354	-	-	135.0	-	-	53.0	-	1	1	1	5
BK 355	-	-	100.0	-	-	57.0	-	1	1	1	5
BK 356	-	-	100.0	-	-	53.0	-	1	1	1	3
BK 357	-	-	140.0	-	-	56.0	-	1	1	1	1
BK 358	-	-	140.0	-	-	56.0	-	1	1	1	1
BK 359	-	-	155.0	-	-	46.0	-	1	1	1	7
BK 360	-	-	165.0	-	-	46.0	-	1	1	1	3
BK 361	-	-	200.0	-	-	46.0	-	1	1	1	6
BK 362	-	-	170.0	-	-	45.0	-	1	1	4	3
BK 363	-	-	130.0	-	-	32.0	-	1	1	4	7
BK 364	-	-	175.0	-	-	37.0	-	1	1	1	7
BK 365	-	-	110.0	-	-	54.0	-	1	1	1	5
BK 366	-	-	110.0	-	-	54.0	-	1	1	1	5
BK 367	-	-	95.0	-	-	54.0	-	1	1	1	5
BK 368	-	-	110.0	-	-	57.0	-	1	1	1	7
BK 369	-	-	110.0	-	-	57.0	-	1	1	1	7
BK 370	-	-	100.0	-	-	54.0	-	0	1	1	5
BK 371	-	-	100.0	-	-	55.0	-	1	1	1	8
BK 372	-	-	100.0	-	-	55.0	-	1	1	1	8
BK 373	-	-	100.0	-	-	55.0	-	1	1	1	8
BK 374	-	-	95.0	-	-	54.0	-	1	1	1	8
BK 375	-	-	100.0	-	-	55.0	-	1	1	1	8
BK 376	-	-	105.0	-	-	56.0	-	1	1	1	8
BK 377	-	-	95.0	-	-	53.0	-	1	1	1	5

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
BK 378	ARBOR LANE	WOODS LANE	405244073050Ø	-	216	-	-
BK 379	STIRRUP LANE	SADDLE LANE	405247073050Ø	-	216	-	-
BK 38Ø	HAWKINS ROAD	29TH STREET	405251073053Ø	-	-	-	-
BK 381	MARK TREE ROAD	23RD. STREET	405343073054Ø	-	-	-	-
BK 382	PUBLIC ROAD	ROSLYN AVENUE	405149073013Ø	-	-	-	-
BK 383	CEDARHURST AVE.	EVERGREEN	405144073023Ø	-	-	-	-
BK 384	HIGHVIEW DRIVE	WYANET STREET	405125073030Ø	-	-	-	-
BK 385	PAULA BOULEVARD	JOY ROAD	405119073032Ø	-	253	-	-
BK 386	W.OF CAMP DRIVE		405137073033Ø	-	-	-	-
BK 387	PAULA DRIVE	MIDDLE COUNTRY R	405137073033Ø	-	253	-	-
BK 388	ROSEMARY LANE	POWERS AVENUE	405135073034Ø	-	253	-	-
BK 389	ROSEMARY LANE	POWERS AVENUE	405132073034Ø	-	253	-	-
BK 39Ø	W. OF JOAN AVE.		405120073034Ø	-	-	-	-
BK 391	NW OF FRAN LANE		405111073034Ø	-	-	-	-
BK 392	DURST DRIVE	NEWTON AVENUE	405151073033Ø	-	244	-	-
BK 393	LARRY ROAD	HENRY AVENUE	405201073033Ø	-	244	-	-
BK 394	ALMA AVENUE	MAGNOLIA DRIVE	405221073024Ø	-	244	-	-
BK 395	NE OF MARCH CT.		405220073022Ø	-	-	-	-
BK 396	JACKSON AVENUE	TAYLOR AVENUE	405239073035Ø	-	244	-	-
BK 397	HAWKINS ROAD	SMITHTOWN BLVD.	405247073035Ø	-	-	-	-
BK 398	E. OF ARROWHEAD		405410073041Ø	-	-	-	-
BK 399	NOSTRAND AVENUE	TAYLOR STREET	405340073033Ø	-	-	-	-
BK 4ØØ	JAYNE BOULEVARD	LESTER STREET	405447073025Ø	-	-	-	-
BK 4Ø1	OLD TOWN ROAD	GREENHAVEN DRIVE	405419073032Ø	-	-	-	-
BK 4Ø2	CAMPSITE LANE	ARROWHEAD LANE	405441073042Ø	-	-	-	-
BK 4Ø3	E. OF NOREN LANE		405150072574Ø	-	-	-	-
BK 4Ø4	E. OF CEDAR BRAN		405333072581Ø	-	-	-	-
BK 4Ø5	POINSETTA AVENUE	PINECONE STREET	405324072581Ø	-	218	-	-
BK 4Ø6	WHISKEY ROAD	MILLER PLACE	405408072572Ø	-	218	-	-
BK 4Ø7	S. OF MONTAUK DR		405436072504Ø	-	-	-	-
BK 4Ø8	TARKILL TRAIL	TARKILL	405452072504Ø	-	-	-	-
BK 4Ø9	WAUWPEX TRAIL	TARKILL TRAIL	405454072504Ø	-	-	-	-
BK 41Ø	WAUWPEX TRAIL	TARKILL TRAIL	405452072505Ø	-	-	-	-
BK 411	SUNRISE TRAIL	ROCKAWAY	405502072504Ø	-	-	-	-
BK 412	SETAUKET TRAIL	ROCKAWAY	405502072504Ø	-	-	-	-
BK 413	ROCKAWAY	SUNRISE TRAIL	405511072504Ø	-	-	-	-
BK 414	ROCKAWAY	WAMPUM TRAIL	405511072505Ø	-	-	-	-
BK 415	FOREST TRAIL	MATINECUCK	405506072510Ø	-	-	-	-
BK 416	WYANDANCH	SUNRISE TRAIL	405500072504Ø	-	-	-	-
BK 417	UNION AVENUE	KNICKERBOCKER	404836073052Ø	-	-	-	-
BK 418	UNION AVENUE	CARROL AVENUE	404835073061Ø	-	252	-	-
BK 419	W. OF DUANE DR.		404858073061Ø	-	-	-	-
BK 42Ø	SW OF BARBARA RD		404902073061Ø	-	-	-	-
BK 421	BERGEN STREET	LIBERTY STREET	404835073063Ø	-	252	-	-
BK 422	RONKONKOMA AVE.	HILLCREST STREET	404945073064Ø	-	252	-	-
BK 423	RONKONKOMA AVE.	HILLCREST STREET	404943073064Ø	-	252	-	-
BK 424	ACKERLY ROAD	HANS BOULEVARD	404955073055Ø	-	229	-	-
BK 425	SW OF HOLLO DR		404938073045Ø	-	229	-	-
BK 426	SE MAPLECREST DR		404937073041Ø	-	-	-	-
BK 427	PORTION ROAD	MAPLECREST DR. S	405006073042Ø	-	-	-	-
BK 428	N. OF WARNER LA.		405003073070Ø	-	253	-	-
BK 429	N. OF WARNER LA.		405004073070Ø	-	253	-	-
BK 43Ø	COOKE AVENUE	WENDY DRIVE	404904073020Ø	-	226	-	-
BK 431	RIDGEDALE AVENUE	ABNER DRIVE	404928073014Ø	-	226	-	-
BK 432	OHIO AVENUE	PECONIC AVENUE	404858073000Ø	-	232	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER	MAX. AREA (square feet)	BASIN AREA (square feet)	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
BK 378	-	-	95.0	-	-	53.0	-	1	1	1	5
BK 379	-	-	95.0	-	-	53.0	-	1	1	1	5
BK 380	-	-	110.0	-	-	54.0	-	1	1	1	5
BK 381	-	-	118.0	-	-	51.0	-	1	1	1	3
BK 382	-	-	110.0	-	-	61.0	-	1	1	6	5
BK 383	-	-	100.0	-	-	57.0	-	1	1	1	5
BK 384	-	-	150.0	-	-	54.0	-	1	1	1	5
BK 385	-	-	170.0	-	-	54.0	-	1	1	6	8
BK 386	-	-	105.0	-	-	54.0	-	1	1	1	8
BK 387	-	-	100.0	-	-	54.0	-	1	1	1	5
BK 388	-	-	90.0	-	-	54.0	-	1	1	1	5
BK 389	-	-	90.0	-	-	54.0	-	1	1	1	5
BK 390	-	-	120.0	-	-	54.0	-	1	1	1	5
BK 391	-	-	145.0	-	-	56.0	-	1	1	6	5
BK 392	-	-	145.0	-	-	56.0	-	1	1	1	8
BK 393	-	-	95.0	-	-	54.0	-	1	1	1	8
BK 394	-	-	90.0	-	-	57.0	-	1	1	1	5
BK 395	-	-	90.0	-	-	57.0	-	1	1	1	5
BK 396	-	-	90.0	-	-	57.0	-	1	1	1	5
BK 397	-	-	95.0	-	-	55.0	-	1	1	1	5
BK 398	-	-	140.0	-	-	50.0	-	1	1	1	7
BK 399	-	-	142.0	-	-	52.0	-	1	1	1	1
BK 400	-	-	165.0	-	-	45.0	-	1	1	1	1
BK 401	-	-	148.0	-	-	50.0	-	1	1	1	7
BK 402	-	-	160.0	-	-	46.0	-	1	1	1	7
BK 403	-	-	140.0	-	-	49.0	-	1	1	1	5
BK 404	-	-	70.0	-	-	52.0	-	1	1	1	6
BK 405	-	-	75.0	-	-	52.0	-	1	1	1	6
BK 406	-	-	60.0	-	-	52.0	-	1	3	1	5
BK 407	-	-	50.0	-	-	45.0	-	1	1	1	5
BK 408	-	-	50.0	-	-	45.0	-	1	1	1	5
BK 409	-	-	60.0	-	-	45.0	-	1	1	1	5
BK 410	-	-	62.0	-	-	45.0	-	1	1	1	5
BK 411	-	-	70.0	-	-	45.0	-	1	1	1	5
BK 412	-	-	70.0	-	-	45.0	-	1	1	1	3
BK 413	-	-	60.0	-	-	45.0	-	1	1	1	5
BK 414	-	-	70.0	-	-	45.0	-	1	1	1	6
BK 415	-	-	60.0	-	-	45.0	-	1	1	1	5
BK 416	-	-	60.0	-	-	45.0	-	1	1	1	5
BK 417	-	-	110.0	-	-	46.0	-	1	3	1	3
BK 418	-	-	100.0	-	-	46.0	-	1	1	1	6
BK 419	-	-	105.0	-	-	47.0	-	1	1	1	7
BK 420	-	-	105.0	-	-	47.0	-	1	1	1	7
BK 421	-	-	110.0	-	-	46.0	-	1	1	1	7
BK 422	-	-	80.0	-	-	51.0	-	1	1	1	3
BK 423	-	-	80.0	-	-	51.0	-	1	1	1	3
BK 424	-	-	165.0	-	-	51.0	-	1	1	6	7
BK 425	-	-	130.0	-	-	51.0	-	1	1	1	6
BK 426	-	-	120.0	-	-	51.0	-	1	1	1	5
BK 427	-	-	120.0	-	-	52.0	-	1	1	1	5
BK 428	-	-	80.0	-	-	52.0	-	1	1	1	3
BK 429	-	-	75.0	-	-	52.0	-	1	1	1	0
BK 430	-	-	80.0	-	-	48.0	-	1	1	1	3
BK 431	-	-	190.0	-	-	48.0	-	1	1	1	7
BK 432	-	-	85.0	-	-	45.0	-	1	1	1	6

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
BK 433	PHILLIPS DRIVE	RHODE ISLAND AVE	4049350725908	-	232	-	-
BK 434	DEVON AVENUE	RACE AVENUE	4049500725859	-	232	-	-
BK 435	POINT ROAD	CEDAR OAKS AVE	4049500730216	-	-	-	-
BK 436	JOSEPH COURT	NICOLLS ROAD	4050170730322	-	224	-	-
BK 437	TUCK LANE	LEEDS BLVD	4050300730337	-	-	-	-
BK 438	TUCK LANE	MORRIS AVENUE	4050280730346	-	-	-	-
BK 439	LIEBER BOULEVARD	MORRIS AVENUE	4050320730346	-	-	-	-
BK 440	FOXBORA AVENUE		4050390730159	-	224	-	-
BK 441	KANE AVENUE	RACE AVENUE	4049490725829	-	232	-	-
BK 442	RAIMOND STREET	SCHOOL STREET	4050440725548	-	261	-	-
BK 443	FRANK AVENUE	RAIMOND STREET	4050440725538	-	261	-	-
BK 444	DONALD AVENUE	SHANNON BLVD.	4050500725539	-	261	-	-
BK 445	CHARLES STREET	VALERIE COURT	4050480725530	-	261	-	-
BK 446	CHARLES STREET	VALERIE COURT	4050480725527	-	261	-	-
BK 447	ROBERTA LANE	TILNEY AVENUE	4050570725752	-	-	-	-
BK 448	CANDIDO AVENUE	MONTAUK HIGHWAY	4048060725224	-	-	-	-
BK 449	FLOWER HILL DR.	STARLIGHT DRIVE	4049410725217	-	-	-	-
BK 450	BURNEY BOULEVARD	CLAFLIN STREET	4049450725117	-	-	-	-
BK 451	BLUE POINT AVE.	ROGERS STREET	4044380730202	-	214	-	-
BK 452	SWAN LAKE DRIVE	PHYLLIS DRIVE	4046050725945	-	221	-	-
BK 453	SWAN LAKE DRIVE	CELIA STREET	4046280725941	-	221	-	-
BK 454	SWAN LAKE DRIVE	WASHINGTON PLACE	4046350725941	-	221	-	-
BK 455	CLARK STREET	ANNANIAS AVENUE	4046570730010	-	221	-	-
BK 456	FRANKLIN STREET	DAVIDSON AVENUE	4046410730019	-	-	-	-
BK 457	HERBERT CIRCLE		4046590730046	-	221	-	-
BK 458	S. OF HARRIS ST.		4047010730042	-	-	-	-
BK 459	EVERETT STREET	CLINTON AVENUE	4047040730041	-	221	-	-
BK 460	SNABER ROAD	MAPLE AVENUE	4047140730051	-	-	-	-
BK 461	BARTON AVENUE	MT.VERNON AVE.	4047120730021	-	221	-	-
BK 462	HEAD OF THE NECK	MUNSEL ROAD	4045510725716	-	213	-	-
BK 463	E. MASEM SQUARE	S. MASEM SQUARE	4045350725728	-	213	-	-
BK 464	LENOX AVENUE	ATLANTIC AVENUE	4046270725734	-	236	-	-
BK 465	SCHELPLER AVENUE	PATCHOGUE AVENUE	4046330725727	-	213	-	-
BK 466	ASSOCIATION RD.	POST AVENUE	4046180725640	-	236	-	-
BK 468	POST AVENUE	PATCHOGUE AVENUE	4046380725642	-	236	-	-
BK 469	MACDONALD AVE.	BROOKHAVEN AVE.	4046420725715	-	236	-	-
BK 470	MACDONALD AVE.	BROOKHAVEN AVE.	4046400725715	-	236	-	-
BK 471	FLOYD ROAD	PRESFORD DRIVE	4046410725120	-	230	-	-
BK 472	RANCH DRIVE	PROPOSE ROAD	4046460725221	-	255	-	-
BK 473	PROPOSE ROAD	PROBST DRIVE	4046520725229	-	255	-	-
BK 474	WESTWOOD DRIVE	PROPOSE ROAD	4046550725224	-	255	-	-
BK 475	WESTWOOD DRIVE	PROPOSE ROAD	4046540725228	-	255	-	-
BK 476	MALBA DRIVE	PROPOSE ROAD	4046570725225	-	255	-	-
BK 477	MALBA DRIVE	PROPOSE DRIVE	4046580725228	-	255	-	-
BK 478	MALBA DRIVE	PROPOSE ROAD	4046590725226	-	255	-	-
BK 479	E.MORICHES&MANOR		4049030724612	-	220	-	-
BK 480	LANDING LANE	COVELA LANE	4057220730332	-	-	-	-
BK 483	MORICH-RVERHD.RD	TOWN LINE	4051400724322	-	-	-	-
BK 484	MORICH-RVERHD.RD	TOPPINGS PATH	4050470724409	-	219	-	-
BK 485	MORICH-RVERHD.RD	TOPPINGS PATH	4050290724424	-	219	-	-
BK 486	LAUREL	BIRCH DRIVE	4056520730254	-	248	-	-
BK 487	HALLOCK ROAD	MIDDLE COUNTRY	4051450730717	-	227	-	-
BK 488	HALLOCK ROAD	MIDDLE COUNTRY	4051420730716	-	227	-	-
BK 489	MOUNT ROAD	N. COUNTRY RD.	4055030730748	-	260	-	-
BK 490	NICHOLLS ROAD	SYCAMORE CIRCLE	4053390730645	-	259	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER	MAX. AREA (square feet)	BASIN AREA (square feet)	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
BK 433	-	-	100.0	-	-	42.0	-	1	1	1	7
BK 434	-	-	90.0	-	-	42.0	-	1	1	1	7
BK 435	-	-	120.0	-	-	48.0	-	1	1	1	1
BK 436	-	-	160.0	-	-	52.0	-	1	1	1	5
BK 437	-	-	180.0	-	-	52.0	-	1	1	6	5
BK 438	-	-	160.0	-	-	54.0	-	1	1	6	5
BK 439	-	-	160.0	-	-	54.0	-	1	1	6	5
BK 440	-	-	290.0	-	-	53.0	-	1	1	6	5
BK 441	-	-	95.0	-	-	42.0	-	1	1	1	7
BK 442	-	-	70.0	-	-	39.0	-	1	1	1	3
BK 443	-	-	80.0	-	-	39.0	-	1	1	1	7
BK 444	-	-	105.0	-	-	39.0	-	1	1	6	7
BK 445	-	-	130.0	-	-	39.0	-	1	1	6	7
BK 446	-	-	130.0	-	-	39.0	-	1	1	6	7
BK 447	-	-	150.0	-	-	45.0	-	1	1	1	6
BK 448	-	-	45.0	-	-	15.0	-	1	1	1	3
BK 449	-	-	75.0	-	-	27.0	-	1	1	1	3
BK 450	-	-	65.0	-	-	30.0	-	1	1	1	3
BK 451	-	-	5.0	-	-	-	-	0	1	1	7
BK 452	-	-	20.0	-	-	10.0	-	0	1	1	5
BK 453	-	-	18.0	-	-	12.0	-	1	1	1	4
BK 454	-	-	18.0	-	-	12.0	-	1	1	1	4
BK 455	-	-	40.0	-	-	30.0	-	1	1	1	6
BK 456	-	-	30.0	-	-	21.0	-	1	1	1	6
BK 457	-	-	40.0	-	-	30.0	-	1	1	1	6
BK 458	-	-	45.0	-	-	30.0	-	1	1	1	7
BK 459	-	-	45.0	-	-	30.0	-	1	1	1	7
BK 460	-	-	40.0	-	-	35.0	-	1	1	1	7
BK 461	-	-	50.0	-	-	32.0	-	1	1	1	3
BK 462	-	-	20.0	-	-	8.0	-	1	1	1	7
BK 463	-	-	14.0	-	-	8.0	-	1	1	1	7
BK 464	-	-	35.0	-	-	22.0	-	1	1	1	7
BK 465	-	-	40.0	-	-	23.0	-	1	1	1	7
BK 466	-	-	45.0	-	-	23.0	-	1	1	1	3
BK 468	-	-	46.0	-	-	24.0	-	1	1	1	7
BK 469	-	-	45.0	-	-	24.0	-	1	1	1	7
BK 470	-	-	45.0	-	-	29.0	-	1	1	1	7
BK 471	-	-	45.0	-	-	29.0	-	1	1	1	7
BK 472	-	-	35.0	-	-	10.0	-	1	1	1	3
BK 473	-	-	30.0	-	-	11.0	-	1	1	1	3
BK 474	-	-	30.0	-	-	12.0	-	1	1	1	3
BK 475	-	-	30.0	-	-	12.0	-	1	1	1	3
BK 476	-	-	27.0	-	-	12.0	-	1	1	1	3
BK 477	-	-	30.0	-	-	12.0	-	1	1	1	3
BK 478	-	-	30.0	-	-	12.0	-	1	1	1	3
BK 479	-	-	40.0	-	-	21.0	-	1	1	1	3
BK 480	-	-	185.0	-	-	20.0	-	1	1	3	7
BK 483	-	-	95.0	-	-	54.0	-	1	1	1	3
BK 484	-	-	70.0	-	-	43.0	-	1	1	1	1
BK 485	-	-	50.0	-	-	33.0	-	1	1	1	5
BK 486	-	-	180.0	-	-	22.0	-	1	1	3	6
BK 487	-	-	150.0	-	-	57.0	-	1	1	1	6
BK 488	-	-	110.0	-	-	57.0	-	1	1	1	6
BK 489	-	-	100.0	-	-	34.0	-	1	1	3	7
BK 490	-	-	130.0	-	-	50.0	-	1	1	1	3

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY (cubic feet)
BK 491	VICEROY PLACE	JAYNE BOULEVARD	405437073025 5	-	-	-	-
BK 492	SUPERIOR STREET	DILLON AVENUE	405409073024 3	-	-	-	-
BK 493	HURON STREET	SQUIRE AVENUE	405402073023 9	-	-	-	-
BK 494	MIDDLE COUNTRY	WOODVILLE ROAD	405312072554 1	-	233	-	-
BK 495	ØLD TOWN ROAD	L.I.R.R.	405544073053 8	-	-	-	-
E 1	YEW STREET	INKBERRY STREET	405831072111 7	-	319	-	-
E 2	L.I.R.R.	WINDMILL LANE	405845072085 4	-	317	-	-
E 4	SPRINGY BANKS RD	OYSTER POND LANE	410018072115 1	-	328	-	-
EM 2	OLD WESTBURY RD.	SALISBURY PK.DR.	404401073325 2	-	8	-	-
H 1	ROCKLYN COURT	PLEASANT COURT	405212073233 5	560127	-	75000	95000
H 2	WILLOUGHBY PATH	VINCENT STREET	404946073194 4	620815	-	163500	170000
H 3	EMERSON STREET	WOODEDGE PLACE	404625073203 4	650512	159	154100	160000
H 4	WINDMILL DRIVE	WILLWOOD DRIVE	405232073231 1	600722	-	400000	405000
H 5	BLUEBIRD LANE	SPARROW LANE	404936073261 6	550129	154	-	-
H 6	LANCASTER DRIVE	MELVILLE ROAD	404920073240 8	540915	-	54900	60100
H 7	SELLGER COURT	BELTANE DRIVE	404920073221 0	560824	133	235000	260000
H 8	HARMON DRIVE	LITTLE PLAINS RD	405056073202 0	630225	139	250100	269000
H 9	ATHENS COURT	10TH AVENUE	405244073201 2	6302	-	89400	92600
H 10	LESLIE LANE	HARRIET AVENUE	405245073243 2	5506	148	-	-
H 13	LANCASTER DRIVE	DERBY COURT	404920073241 0	541206	-	-	-
H 14	FIFTH AVENUE	ESTHER PLACE	405235073173 5	560504	-	-	89500
H 17	CHARTER AVENUE	EUCLID AVENUE	404653073185 2	-	-	775000	890000
H 18	RAYBOR ROAD	DEL LANE	404951073182 0	610502	169	119500	136000
H 20	RONDEL LANE	WICKS ROAD	404952073175 5	601221	169	169500	170500
H 21	BURTON LANE	BURFORD DRIVE	405046073175 5	550527	169	-	-
H 22	BURRWOOD COURT	BURR ROAD	405106073180 7	610117	169	-	-
H 23	INGOLD DRIVE	PLYMOUTH ROAD	404849073222 5	560717	133	-	136400
H 26	E END OF S.LANE		405059073220 2	641019	-	81200	92500
H 27	WINTERGREEN DR.	OLD COUNTRY ROAD	404824073231 8	620302	-	-	-
H 28	DORSET LANE	WINDHAM DRIVE	404848073234 1	600102	151	65500	91000
H 29	PIDGEON HILL RD.	WOLF HILL ROAD	404851073232 1	600121	151	351000	580000
H 30	VILLANOVA LANE	DEER PARK ROAD	404954073201 5	611025	133	-	-
H 31	FRONTIER LANE	COMPTON STREET	405129073201 5	611025	169	-	-
H 32	CLAY PITS ROAD	GRAYSTONE DRIVE	405157073190 0	540825	137	490000	-
H 33	HARBOR COURT	HARBOR RIDGE RD.	405416073222 3	590924	130	-	90000
H 34	OASIS PLACE	CARAVAN COURT	405214073180 7	630328	137	474000	528000
H 35	COPPERDALE LANE	WEST NECK ROAD	405301073261 8	551020	-	-	154000
H 36	SOUTH KETAY AVE.	KETAY DRIVE	405058073185 1	-	169	286000	-
H 37	HONEY LANE	KIM LANE	404241073181 9	600301	137	-	-
H 38	CHAUCER DRIVE	DRESSLER ROAD	405107073213 8	540729	141	-	140000
H 39	MANETTO HILL RD.	MANETTO COURT	404824073265 0	610516	-	130000	132000
H 40	CONNELLY ROAD	HOWARD ROAD	405234073224 3	590722	130	377000	389000
H 42	DUFFY LANE	CARROLL PLACE	405133073212 7	540921	141	-	-
H 43	CROOKED HILL RD.	VIDONI PLACE	405144073244 0	550209	148	30000	32000
H 44	PLANE TREE LANE	PEAR ROAD	404843073212 7	630815	133	111000	119000
H 45	PLEASANT STREET	BERRYWOOD DRIVE	405024073223 6	570403	141	183000	190000
H 46	LOWICK PLACE	COLDEN STREET	404853073234 6	561107	151	-	64000
H 47	ANDOVER COURT	PARK AVENUE	405041073223 9	550906	-	-	-
H 48	VILLAGE DRIVE	WEATHERVANE WAY	404717073194 6	650819	-	277000	292000
H 49	MILLET STREET	PINE ACRE BLVD.	404656073193 5	650106	-	321000	347000
H 50	SQUIRE AVENUE	JEANNE PLACE	405234073190 8	570507	137	-	-
H 51	DUNLOP ROAD	ASHLAND DRIVE	405156073233 2	550527	-	-	-
H 52	HAMMOND ROAD	SHARI LANE	405110073192 9	630115	139	-	465000
H 53	GLENRIDGE LANE	STEINBECK	405209073200 9	550624	-	-	34000
H 54	OLD BRIDGE ROAD	PULASKI ROAD	405255073180 4	550810	137	-	112000

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER	MAX. AREA (square feet)	BASIN AREA (square feet)	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
BK 491	-	-	160.0	-	-	48.0	-	1	1	1	7
BK 492	-	-	150.0	-	-	51.0	-	1	1	1	7
BK 493	-	-	135.0	-	-	51.0	-	1	1	1	7
BK 494	-	-	70.0	-	-	50.0	-	1	4	1	1
BK 495	-	-	60.0	-	-	32.0	-	1	1	3	5
E 1	-	-	50.0	-	-	2.0	-	1	1	1	0
E 2	-	-	30.0	-	-	2.0	-	1	1	1	0
E 4	-	-	75.0	-	-	2.0	-	1	1	6	0
EM 2	-	-	-	-	-	-	-			0	0
H 1	9500	12000	195.7	-	180.6	54.0	11.8	1	1	1	1
H 2	17500	44600	197.0	-	184.0	73.0	20.0	1	1	5	1
H 3	16000	27900	71.5	-	58.5	53.0	16.5	1	1	1	7
H 4	40500	45000	186.5	-	175.5	61.0	60.0	1	1	3	9
H 5	-	-	180.0	-	170.0	63.0	-	1	1	6	1
H 6	6000	11500	210.0	-	200.0	69.0	8.8	1	1	6	7
H 7	26000	34500	174.0	-	164.0	75.0	37.0	1	1	1	3
H 8	26900	35300	191.5	-	175.0	66.0	28.5	0	1	1	1
H 9	7100	17600	223.5	-	206.8	56.0	14.1	1	1	1	7
H 10	-	53100	77.0	67.0	60.5	33.0	-	0	1	3	7
H 13	-	4800	210.0	177.0	161.0	69.0	-	1	1	6	7
H 14	9000	11900	148.0	-	142.0	52.0	14.1	1	1	1	7
H 17	89000	99400	109.7	-	93.0	52.0	122.0	1	1	1	7
H 18	13600	24200	155.0	-	142.0	72.0	73.0	1	1	1	7
H 20	17100	37500	126.5	-	113.0	71.0	37.7	1	1	1	7
H 21	-	22400	140.0	-	72.0	66.0	-	1	1	1	7
H 22	-	-	155.0	-	-	65.0	-	1	1	1	7
H 23	13600	-	215.0	78.0	68.0	74.0	21.5	1	1	1	7
H 26	9200	16800	197.6	196.6	186.6	66.0	8.3	1	1	1	7
H 27	-	44800	154.5	149.3	136.0	76.0	25.0	1	1	1	7
H 28	9100	10500	164.0	-	150.0	73.0	7.7	1	1	1	9
H 29	38700	38000	166.0	165.0	55.0	73.0	60.0	1	1	1	7
H 30	-	41300	175.4	-	165.0	73.0	-	1	1	1	7
H 31	-	46200	159.0	154.2	140.2	62.0	-	1	1	1	7
H 32	-	49800	186.9	-	176.0	60.0	77.1	1	1	1	7
H 33	9000	18900	120.0	90.0	80.0	10.0	5.5	1	3	3	6
H 34	37600	-	177.5	175.5	161.4	55.0	51.4	1	1	1	1
H 35	15400	39400	79.0	-	67.0	31.0	24.2	1	1	3	7
H 36	-	17500	185.0	181.5	171.5	65.0	66.0	1	1	1	7
H 37	-	34500	194.0	-	177.0	50.0	-	1	1	1	7
H 38	17500	37600	205.0	90.0	82.0	65.0	23.0	1	1	1	7
H 39	13200	18300	255.0	252.0	255.0	71.0	20.5	1	1	1	1
H 40	38900	89900	156.0	-	145.0	46.0	76.5	0	1	3	5
H 42	-	44200	220.0	217.2	206.0	63.0	1.4	1	1	1	7
H 43	3200	10000	205.0	95.0	83.5	49.0	4.7	1	1	4	9
H 44	10800	28700	236.5	232.0	220.0	31.0	17.5	0	1	6	1
H 45	19000	27900	200.0	190.0	178.8	67.0	28.8	1	1	5	5
H 46	5800	26600	179.0	173.0	62.0	72.0	8.5	1	1	1	9
H 47	-	13300	195.0	-	182.0	66.0	-	1	1	1	7
H 48	29200	46800	105.2	-	92.0	57.0	43.6	1	1	1	1
H 49	34700	29300	103.4	100.5	90.5	56.0	50.5	1	1	1	1
H 50	-	2900	215.0	183.2	-	55.0	-	1	1	1	7
H 51	-	29200	215.0	58.0	48.0	57.0	-	1	1	3	1
H 52	46500	17500	191.5	-	173.0	66.0	5.5	1	1	1	7
H 53	3400	7400	210.0	-	219.3	58.0	5.4	1	1	1	7
H 54	11200	20000	207.2	202.7	192.7	49.0	17.6	1	1	4	7

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
H 55	MULBERRY DRIVE	VINEYARD ROAD	4053340732434	580819	142	70000	85000
H 56	ICELAND DRIVE	GREENLAND DRIVE	4049350732436	601107	151	-	-
H 57	TIPPIN DRIVE	11TH AVENUE	4050090732531	5504	151	-	-
H 58	POND ROAD	CLARMAN COURT	4050020732349	640225	-	61200	64000
H 59	BELLAFIORE DRIVE	FRANCIS COURT	4052200731851	591014	137	170500	190000
H 60	LANDVIEW DRIVE	FOLGER LANE	4048010732101	601025	133	387000	398000
H 62	TIANA PLACE	MEMAS COURT	4048100732040	580717	133	-	-
H 64	GAY LORE DRIVE	OLD COUNTRY ROAD	4049430732144	550404	133	-	-
H 65	LUCILLE LANE	IRENE LANE	4050030731806	570819	169	335000	467000
H 66	JANET LANE	SHELDON PLACE	4050140731808	570819	169	-	-
H 67	VESTRY COURT	GRENLEAF DRIVE	4051060732100	631213	141	-	328300
H 68	ELEANOR PLACE	MARIE AVENUE	4053250732546	560309	-	-	80000
H 69	TURKEY LANE	RIDGE ROAD	4052090732708	630114	131	-	-
H 70	BENNETT AVENUE	E. ROGUES PATH	4050530732306	650511	141	90000	117000
H 71	RENEE PLACE	SUGAR WOOD PLACE	4050280731815	6010	169	75000	79000
H 72	HEDGEROW COURT	MANGIN ROAD	4050410731753	601126	169	268000	300000
H 73	DOVECOTE LANE	KEVIN ROAD	4050440731736	600726	169	209300	224600
H 74	BRIDLE LANE	COE STREET	4048440732349	590209	151	283600	290000
H 75	DOE LANE	SHELDON PLACE	4050170731819	6102	169	345600	349000
H 76	WARRENTON COURT	LAIRE DRIVE	4052200732444	531116	-	52900	53300
H 77	HARRIET LANE	ELVIRA COURT	4052330732435	550505	-	93600	93700
H 78	PARK AVENUE	LAKE ROAD	4051130732306	551024	-	-	-
H 79	POLLY DRIVE	POLLY COURT	4052200732434	610417	-	145500	146100
H 80	COTTONTAIL ROAD	BRAMBLE LANE	4047000732600	660405	148	93000	98000
H 81	BEECH PLACE	BRIARWOOD DRIVE	4051510732602	651210	146	97500	98200
H 82	BRAMBLE LANE	TREEVIEW DRIVE	4047080732541	640520	148	470300	470400
H 83	BRIARFIELD LANE	RED DEER LANE	4052180732350	600815	-	293600	302000
H 84	GABLES COURT	E. DEER PARK RD.	4049410732029	630605	133	-	-
H 85	PHILLIP COURT	DAVID COURT	4051320732423	551011	146	-	-
H 86	WOODMONT ROAD	WILMINGTON DRIVE	4046210732320	6511	143	1508400	1577000
H 87	L.I.E.	BEAUMONT DRIVE	4047120732252	650106	-	323200	325000
H 88	L.I.E.	ROUNDTREE DRIVE	4047100732304	650106	143	196000	205300
H 89	MONTROSE PLACE	ROUNDTREE DRIVE	4046420732257	650106	143	215500	248000
H 90	ARLEIGH ROAD	ARLEIGH COURT	4052250731722	630801	137	212600	279000
H 91	BRIARWOOD DRIVE	BEECH PLACE	4051480732553	640309	146	20500	20600
H 92	DIANE LANE	MEDFORD LANE	4051270731752	620514	169	361300	364000
H 93	DIANE LANE	NEWBROOK LANE	4051180731743	620514	169	335000	355000
H 94	LAMPLIGHT LANE	CANDLE STICK CT.	4046480732004	601001	-	157000	160000
H 95	CRAVEN STREET	STEPAR PLACE	4050200732533	580823	-	-	120000
H 96	HOLLY DRIVE	RODERICK COURT	4051310731804	641020	169	139000	139400
H 97	THORNEY AVENUE	E. 25TH STREET	4049520732359	-	151	-	-
H 98	OLD COUNTRY ROAD	LINFORD LANE	4048200732339	560918	151	562500	719000
H 100	PLAINWOOD ROAD	ELDERWOOD ROAD	4048010732431	550401	-	-	-
H 101	CAXTON STREET	SYCAMORE STREET	4048290732354	590108	151	590000	800000
H 102	LANTERN STREET	BROADWAY	4050470732208	620321	-	58300	58800
H 103	HASTINGS STREET	STRAIGHT PATH	4046380732032	631121	143	252000	294000
H 104	LONGFELLOW DRIVE	JERICHO TURNPIKE	4050070732308	-	151	-	-
H 105	PENFIELD DRIVE	LARKFIELD ROAD	4050580731906	600502	139	190800	216000
H 107	CANDLEWOOD PATH	CHELSEA PLACE	4048090731938	630924	-	421200	471100
H 108	ARISTA DRIVE	BRYCEWOOD DRIVE	4049350732140	620417	133	70000	130000
H 109	CANDLEWOOD PATH	CHELSEA PLACE	4048200731950	620417	-	152100	26500
H 110	OLD COUNRTY ROAD	LONGWOOD DRIVE	4048430732309	600220	-	248000	515000
H 112	PUMPKIN STREET	SPUR DRIVE	4051400731901	570917	137	137500	145000
H 113	NEW YORK AVENUE	TODD COURT	4049190732426	631118	151	102000	102000
H 115	OLD COUNTRY ROAD	DARBY DRIVE	4049070732234	610215	-	175500	450600

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA	ALTITUDE RIM	OVER-FLOW	BOT-TOM	WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
H	55	8500	13000	43.0	-	30.0	31.0	9.0	1	1	3	1
H	56	-	16300	168.0	-	154.4	67.0	-	1	4	1	7
H	57	-	27200	182.0	-	171.5	62.0	-	1	1	1	7
H	58	6400	13800	185.0	175.0	165.0	67.0	9.6	1	1	1	9
H	59	19000	28600	205.0	-	188.7	57.0	26.8	1	1	1	7
H	60	39600	43400	180.0	-	131.5	63.0	78.6	1	1	8	7
H	62	-	40600	186.0	182.0	170.0	64.0	-	1	1	1	1
H	64	-	12000	185.0	-	175.0	72.0	-	1	1	1	5
H	65	46700	62400	136.0	-	123.8	71.0	61.0	1	1	1	7
H	66	-	17600	150.0	-	127.8	70.0	-	1	1	1	7
H	67	32800	-	265.0	-	240.0	65.0	51.7	1	1	1	1
H	68	8000	16800	80.5	-	68.0	20.0	12.6	1	1	1	7
H	69	25800	26400	75.0	-	65.0	41.0	-	0	1	3	7
H	70	11700	27200	189.7	-	175.5	64.0	11.0	1	1	1	7
H	71	7900	16300	149.5	-	136.0	70.0	5.2	1	1	1	7
H	72	30000	39200	149.5	-	131.0	67.0	28.0	1	1	1	7
H	73	22500	34000	140.0	-	111.0	68.0	21.3	1	1	1	1
H	74	29000	49400	161.5	-	147.0	73.0	57.2	1	1	1	7
H	75	34900	44000	159.0	-	141.5	72.0	36.0	1	1	1	7
H	76	5300	5200	-	-	-	34.0	8.2	1	1	1	7
H	77	9400	23400	105.0	105.0	93.0	40.0	16.0	1	1	3	7
H	78	-	32000	200.0	151.0	138.0	63.0	-	1	1	1	7
H	79	9100	32400	-	172.6	155.0	37.0	19.4	1	1	1	7
H	80	7100	28000	175.0	174.0	160.2	71.0	5.7	1	3	8	5
H	81	9800	23300	106.9	105.0	95.0	38.0	15.4	0	1	1	7
H	82	29400	50000	137.5	136.5	120.5	71.0	74.0	1	1	8	8
H	83	20200	43500	193.4	191.0	176.0	51.0	46.2	0	1	1	9
H	84	-	40200	194.0	-	-	73.0	-	0	1	1	1
H	85	-	18100	215.0	94.5	84.0	55.0	-	1	1	1	9
H	86	157700	197600	160.0	131.7	115.0	61.0	154.0	1	2	8	5
H	87	25000	36400	178.0	156.5	143.5	67.0	33.0	1	1	8	9
H	88	17100	24000	158.0	157.0	145.0	67.0	30.9	1	1	8	9
H	89	19100	50000	185.5	185.0	173.0	62.0	33.0	0	1	8	9
H	90	27900	62500	135.0	136.5	124.0	52.0	26.0	1	1	1	7
H	91	2100	13000	190.0	154.0	144.0	39.0	3.2	1	1	1	7
H	92	36400	48400	151.0	-	136.0	63.0	42.0	1	1	1	7
H	93	35500	63300	149.5	-	130.0	63.0	35.0	1	1	1	7
H	94	16000	38000	95.0	-	-	55.0	24.7	1	1	1	7
H	95	12000	19800	180.0	-	172.0	61.0	18.9	1	1	1	8
H	96	9300	23100	165.0	153.5	138.3	63.0	17.0	1	1	1	7
H	97	-	-	200.0	-	-	67.0	-	1	1	1	7
H	98	71900	93600	146.5	-	130.1	76.0	50.0	1	1	1	7
H	100	-	49000	-	-	-	75.0	-	1	1	1	7
H	101	80000	88000	147.8	-	127.0	72.0	85.4	1	1	1	7
H	102	5900	1600	195.0	-	175.0	66.0	9.2	1	1	1	7
H	103	24500	44200	80.0	76.7	64.7	54.0	39.7	1	1	1	7
H	104	-	-	220.0	-	-	67.0	-	1	1	1	7
H	105	21600	49300	183.4	-	170.0	67.0	35.0	1	1	1	7
H	107	42800	79200	-	-	-	57.0	72.0	0	1	1	7
H	108	13000	34000	223.0	222.0	212.0	73.0	12.0	1	1	6	9
H	109	25200	39100	170.0	-	-	58.0	26.0	1	1	1	1
H	110	34300	34400	157.0	153.0	138.0	75.0	42.3	1	1	1	1
H	112	14500	10100	171.0	-	159.8	62.0	25.0	1	1	1	7
H	113	7800	25800	159.0	157.3	144.0	68.0	6.2	1	4	1	7
H	115	40900	42900	166.0	160.0	149.0	65.0	20.0	1	1	1	7

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER		NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
H	116	CORTLAND COURT	ASSY LANE	4049210732348	551026	151	105300	-
H	117	END OF MAXESS RD		4046280732447	631018	148	277700	412400
H	119	SILVER AVENUE	LODGE AVENUE	4050150732259	530908	151	102000	104000
H	120	CORDELL PLACE	HULL PLACE	4052390731826	5503	137	-	173000
H	121	CORDELL PLACE	HULL PLACE	4052320731837	580821	137	122000	155000
H	122	E. END OF SQUIRE		4052380731846	-	137	-	-
H	123	GILDARE DRIVE	CLAY PITTS ROAD	4052060731808	590821	137	371100	380000
H	124	NEW YORK AVENUE	NEWTOWN LANE	4048400732426	580527	151	-	-
H	125	DANVILLE DRIVE	DARROW LANE	4051290732103	640617	141	131600	190000
H	126	KETAY DRIVE SO.	HASKEL LANE	4051200731834	591105	169	254000	274000
H	127	DANVILLE DRIVE	DARROW LANE	4051230732050	640617	141	175500	190000
H	128	GREG LANE	BURR ROAD	4051090731743	6012	169	130800	136800
H	129	HASKIN PLACE	CEDAR CREST DR.	4047460731809	591027	-	475000	482000
H	130	POLO STREET	KILMER AVENUE	4047430731745	591027	-	205000	215000
H	131	MCNULTY STREET	LAUREN AVENUE	4047530731758	591027	-	545000	555000
H	132	PINE HILL LANE	DULCE LANE	4047460731832	591027	-	329000	335000
H	133	KINSELLA STREET	PINE HILL LANE	4047360731810	591027	-	250000	255000
H	134	NORWOOD ROAD	MOONEDGE ROAD	4054340731921	600606	149	343100	377000
H	135	STARLIT DRIVE	NORWOOD ROAD	4054380731935	620629	149	170000	180000
H	136	GREENVALE DRIVE	ELMBARK LANE	4051400731939	630416	134	186400	201000
H	137	BURTON LANE	DRYDEN WAY	4050440731739	580228	169	-	-
H	138	EDCRIS LANE	OAKWOOD ROAD	4050580732557	560503	-	-	84500
H	139	PULASKI ROAD	GUN HILL DRIVE	4052570731744	570409	137	-	-
H	140	ESTHER PLACE	5TH AVENUE	4052410731733	6207	-	-	630000
H	141	GODFREY LANE	WARNER ROAD	4050240732042	550228	139	138300	156000
H	142	GODFREY LANE	BROOKHILL LANE	4050400732102	-	139	-	-
H	143	SHORTHILL LANE	BROOKHILL LANE	4050440732041	-	139	-	-
H	144	LITTLE PLAINS RD	GREENHILL LANE	4050590732053	-	139	-	-
H	145	BUNKERHILL DRIVE	STONEHILL LANE	4050190732108	570527	139	288000	-
H	146	BUNKERHILL DRIVE	HEATHERHILL LA.	4050200732123	570527	139	86500	102500
H	147	BUNKERHILL DRIVE	GODFREY LANE	4050270732055	570527	139	-	-
H	148	WOLF HILL ROAD	WHITE BIRCH DR.	4048440732044	600622	133	111200	175000
H	149	WHITE BIRCH DR.	RED MAPLE LANE	4048570732048	600622	133	128700	160000
H	150	PLANE TREE LANE	PEAR ROAD	4048470732136	590224	133	181000	230000
H	151	BALSAM DRIVE	MAGNOLIA LANE	4048520732118	560719	133	403000	455000
H	152	CEDRUS AVENUE	OLMSTEAD LANE	4051490731802	600609	169	600000	630000
H	153	MANNING DRIVE	YEOMAN DRIVE	4051000731838	570601	169	-	-
H	154	FLOWER HILL ROAD	FLOWERFIELD CT.	4053460732341	560320	-	-	220000
H	155	CEDAR ROAD	FORSYTHE DRIVE	4051370731807	600613	169	130800	142000
H	156	CEDAR ROAD	RICHLEE DRIVE	4051380731759	600613	169	-	-
H	157	CLAY PITTS ROAD	ELWOOD ROAD	4051440731955	630909	-	236300	252500
H	158	LANTERN STREET	DEKALB PLACE	4050480732223	550531	-	-	810000
H	159	SHELBOURNE LANE	LOCKSLEY LANE	4050310731849	591207	169	236000	247000
H	160	OAKWOOD ROAD	KNOLL LANE	4051190732546	550527	148	-	150000
H	161	CORNFIELD LANE	HEDGEROW LANE	4050370731816	6503	169	273000	292200
H	163	LARKFIELD ROAD	ALICE LANE	4050100731843	600829	-	90000	120000
H	164	HEDGEROW LANE	WISTERIA WAY	4050400731806	600829	169	88400	104800
H	165	N OF MANSFIELD L		4051390731924	631121	139	599000	676300
H	166	LORIJEAN LANE	ROCKROSE LANE	4051330731940	631121	139	226500	243000
H	167	VISTA LANE	TREEVIEW LANE	4047430732517	5708	148	206000	23500
H	169	LOCUST COURT	TALL OAK DRIVE	4051250732604	600126	148	-	-
H	170	HORIZON DRIVE	PANORAMA DRIVE	4051210732521	590917	148	417000	417000
H	171	ALLISON COURT	TOWER STREET	4051220732504	590917	148	64000	83000
H	172	PANORAMA DRIVE	TERRACE DRIVE	4051080732508	590917	148	171000	244000
H	173	BURR ROAD	TERESA PLACE	4050510731938	610802	139	245300	249000

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER	MAX. AREA (square feet)	BASIN AREA	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
H 116	-	14300	225.0	-	175.4	70.0	16.6	1	1	1	9
H 117	41200	49500	116.0	-	100.5	65.0	8.5	1	1	1	0
H 119	10400	38500	250.0	-	-	66.0	14.0	1	1	5	7
H 120	15700	30000	192.2	190.7	192.2	53.0	27.2	1	1	1	7
H 121	15500	24700	196.7	-	184.5	52.0	16.0	1	1	1	7
H 122	-	-	205.0	-	-	52.0	-	1	1	1	7
H 123	27100	38000	176.0	175.5	161.5	57.0	58.4	1	1	1	7
H 124	-	50000	152.1	-	140.0	72.0	-	1	1	1	7
H 125	19000	34000	226.5	-	215.0	63.0	15.0	1	1	1	7
H 126	27400	35700	160.0	-	147.0	62.0	29.0	1	1	1	7
H 127	19000	34200	270.0	-	223.0	66.0	20.0	0	1	5	1
H 128	13600	32000	145.6	-	135.5	66.0	16.0	1	1	1	7
H 129	48200	70000	108.1	106.0	96.0	55.0	74.8	1	1	1	7
H 130	21500	30400	106.4	105.5	95.5	53.0	32.3	1	1	1	7
H 131	55500	61600	113.0	112.5	102.5	55.0	85.8	1	1	1	7
H 132	33500	64000	121.0	119.0	109.0	56.0	51.8	1	1	1	7
H 133	25500	46500	104.1	102.5	92.5	54.0	39.4	1	1	1	7
H 134	37700	36400	104.0	-	92.5	26.0	39.1	1	1	3	7
H 135	18000	34100	105.0	-	91.0	25.0	26.0	1	1	1	7
H 136	20100	33600	185.0	-	64.2	62.0	29.3	1	1	1	7
H 137	-	-	140.0	-	-	68.0	-	1	1	1	7
H 138	5900	40000	223.0	222.4	208.0	55.0	13.3	1	1	1	7
H 139	-	28000	185.0	-	181.3	50.0	-	1	1	1	7
H 140	63000	62400	167.5	-	146.0	50.0	99.2	1	1	1	7
H 141	15600	21600	232.2	-	222.0	66.0	72.0	1	1	5	1
H 142	-	28000	274.3	-	265.0	66.0	25.2	1	1	5	1
H 143	-	12800	245.0	-	235.0	66.0	-	1	1	5	1
H 144	-	27200	227.5	-	217.0	65.0	-	1	1	5	3
H 145	-	32000	268.0	-	258.5	67.0	25.5	0	1	5	1
H 146	10300	26300	228.0	-	215.0	67.0	9.0	1	1	5	5
H 147	-	32000	250.6	-	230.2	66.0	-	1	1	5	5
H 148	17500	21000	263.0	-	251.0	72.0	19.0	1	1	1	1
H 149	16000	21600	261.0	-	251.0	73.0	22.0	1	1	8	9
H 150	23000	44000	245.5	-	230.0	73.0	31.0	1	1	8	9
H 151	45500	21500	258.0	-	242.0	74.0	69.0	1	1	3	9
H 152	63000	66000	171.0	-	155.0	-	110.0	1	1	1	7
H 153	-	125000	177.4	-	166.0	67.0	-	1	1	1	7
H 154	22000	38400	167.8	-	163.4	30.0	34.6	1	1	3	1
H 155	14200	24000	170.0	-	153.0	62.0	24.0	1	1	1	7
H 156	-	29900	168.0	-	151.0	61.0	-	1	1	1	7
H 157	19400	41600	183.8	181.1	168.1	62.0	37.2	1	1	1	7
H 158	67800	129600	195.0	134.0	125.0	62.0	98.0	1	1	1	7
H 159	20900	47600	173.2	165.3	153.5	70.0	36.0	1	1	1	7
H 160	18800	39900	255.0	151.8	142.0	51.0	23.6	1	1	4	8
H 161	29200	59800	160.0	-	149.8	67.0	27.0	1	1	1	7
H 163	12000	24200	163.5	-	149.7	71.0	14.2	1	1	1	7
H 164	10500	25000	145.7	-	133.1	68.0	9.0	1	1	1	7
H 165	67600	106400	179.6	175.0	165.0	62.0	47.6	1	1	1	7
H 166	19600	33600	185.7	183.4	171.0	63.0	27.7	1	1	1	7
H 167	23500	39200	200.0	143.0	128.0	72.0	30.0	1	1	8	5
H 169	-	19200	285.0	249.0	237.0	48.0	-	1	1	1	8
H 170	41700	42000	230.0	-	202.0	52.0	37.0	0	4	4	7
H 171	8300	32400	240.0	224.0	212.0	53.0	8.5	1	1	4	8
H 172	12200	28000	235.0	235.0	215.0	55.0	15.2	1	1	4	7
H 173	24900	50000	185.0	-	171.5	68.0	30.0	1	1	1	7

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER		NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
H	174	PUMPKIN STREET	GREYSTONE DRIVE	4051510731856	570708	-	270100	320000
H	175	CYRIL DRIVE	EDCRIS LANE	4050560732608	630813	146	141700	224000
H	176	HOFSTRA DRIVE	MONETT PLACE	4051270732242	641106	141	-	-
H	178	FORT SALONGA RD.	TOMPKINS STREET	4053280732029	6107	149	110500	174000
H	179	LANDVIEW DRIVE	BEATRICE COURT	4048090732059	621016	-	298400	303600
H	180	CAROLINE DRIVE	REGINA AVENUE	4048070731900	650928	133	126700	141200
H	181	LIE SERVICE ROAD	MCCULLOCH DRIVE	4048020731839	650928	-	137400	151200
H	182	STOOTHOFF ROAD	LEWIS AVENUE	4052260731754	580210	137	-	60000
H	183	DANVILLE DRIVE	DANVILLE COURT	4051350732108	640629	141	80700	94200
H	184	CARDINAL LANE	JAN PLACE	4050510731949	630219	-	214600	240000
H	185	EAST GATE DRIVE	COLDPORT DRIVE	4049570732711	630813	-	87600	110000
H	187	LEEDS STREET	NOAH PLACE	4049170732352	560216	-	60000	68000
H	188	DOROTHEA STREET	RACHEL AVENUE	4050250731741	5602	169	-	-
H	189	WICKS ROAD	DALY ROAD	4049540731904	620202	-	190000	234000
H	190	HIGHFIELD DRIVE	ETNA LANE	4047500732200	580331	133	490000	615000
H	191	GRAND HAVEN DR.	SUN HAVEN LANE	4049580731833	540615	169	-	-
H	192	MAPLEWOOD ROAD	BENNETT ROAD	4050370732304	610911	-	98000	102300
H	193	LIE SERVICE ROAD	STRAIGHT PATH RD	4048030731910	640127	-	127500	154000
H	194	TITUS LANE	VALENTINE COURT	4052330732714	551130	131	-	150000
H	195	HALF HOLLOW ROAD	WESTCLIFF DRIVE	4047470732231	561024	-	-	140000
H	196	BAY DRIVE	SOUNDVIEW DRIVE	4054020732415	541005	145	-	-
H	197	ALGONQUIN DRIVE	MEROKE COURT	4051060732340	600326	-	61500	83000
H	198	BIRCH PLACE	GRANGE STREET	4051190732214	640904	-	264600	280500
H	199	BUTTERFIELD DR.	FRAZER COURT	4051300732221	640904	141	655200	739800
H	200	WICKS DRIVE	WICKS ROAD	4050020731756	620724	169	225000	275000
H	202	VANDERBILT PKWY.	MCLANE DRIVE	4049060731804	640824	-	435300	664600
H	203	MCCULLOCH DRIVE	BLAINE DRIVE	4048380731818	640824	-	915500	1110000
H	204	COLBY DRIVE	VILLAGE HILL DR.	4048300731829	640824	-	440700	629500
H	205	VILLAGE HILL DR.	CAMPBELL DRIVE	4048150731843	640824	133	270900	279800
H	206	VILLAGE HILL DR.	OLNEY PLACE	4048290731844	640824	-	192600	224000
H	207	COLBY DRIVE	RANDOLPH DRIVE	4048480731837	640824	-	157700	180600
H	208	VICTOR DRIVE	MADISON COURT	4050030731901	551206	139	-	28000
H	209	ELCHESTER DRIVE	ELWOOD ROAD	4050260732001	540913	139	-	240000
H	210	COLONIAL STREET	ELTON DRIVE	4050290731932	570102	139	126000	140000
H	211	VANDERBILT PKWY.	VILLAGE HILL DR.	4048490731907	640824	133	112000	145000
H	212	CHERRYWOOD DRIVE	PUMPKIN STREET	4051370731853	620207	-	384200	387300
H	213	LIE SERVICE ROAD	MCCULLOCH DRIVE	4048020731834	640824	-	205500	205800
H	214	MCCULLOCH DRIVE	SEWARD DRIVE	4048050731807	640824	-	237400	278500
H	215	EASTOVER DRIVE	HEMLOCK STREET	4051330731831	610209	169	220700	272000
H	216	LISA DRIVE	NORMA LANE	4048440732139	640225	133	255000	292000
H	217	WOLF HILL ROAD	CALEDONIA ROAD	4048360732203	6201	133	675700	713100
H	218	ARBOR LANE	LISA DRIVE	4048510732153	6201	-	199000	206000
H	219	WOODBURY ROAD	WOODCHUCK HOL.RD	4051210732632	570423	-	-	260000
H	220	ORIOLE WAY	LYRIC PLACE	4049190732141	550316	133	-	-
H	221	DEER PARK AVENUE	CALEDONIA ROAD	4049180732044	530415	133	-	-
H	222	JACKSON AV.S END		4052100732457	-	146	-	-
H	223	OLD BRIDGE ROAD	GUN CLUB ROAD	4053060731802	660608	137	191900	211000
H	224	GUNTHER DRIVE	STACY STREET	4052150731836	590624	137	196200	214000
H	225	YEOMAN DRIVE	ROMANY WAY	4051030731818	600523	169	245300	276000
H	226	KETAY DRIVE	PAULA STREET	4051190731851	621205	169	-	-
H	227	BANBURY LANE	MARIDON LANE	4050560731803	570318	169	185700	183400
H	228	SARINA DRIVE	BETTE LANE	4050410731849	570117	169	285000	298000
H	229	JULIA COURT	ZORANNE DRIVE	4050380731900	5504	139	-	-
H	231	ELWOOD ROAD	2ND. AVENUE	4051550732006	661128	137	-	86800
H	232	PULASKI ROAD	FRAZER DRIVE	4051390732235	641014	141	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA (square feet)	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
H	174	22900	39600	185.0	176.5	162.5	61.0	24.8	1	1	1	7
H	175	22400	36900	250.0	181.6	165.5	55.0	26.0	1	1	4	1
H	176	-	39000	215.5	216.1	206.1	63.0	-	1	1	1	8
H	178	13600	26400	175.0	168.8	175.0	40.0	17.4	1	1	3	7
H	179	20200	56100	225.0	198.0	183.0	63.0	47.0	1	1	8	5
H	180	8000	39200	153.0	149.7	132.0	58.0	19.9	1	1	1	1
H	181	13700	30600	148.0	145.0	134.0	58.0	8.4	1	3	1	6
H	182	6000	17100	186.0	-	172.8	52.0	9.4	0	1	1	1
H	183	9400	24000	224.1	223.0	213.0	62.0	12.7	1	1	1	7
H	184	24000	45600	186.5	-	171.7	67.0	25.2	1	1	1	7
H	185	10200	38000	140.0	120.3	109.5	57.0	12.0	1	1	1	7
H	187	6800	13200	210.0	172.2	162.2	71.0	9.4	1	1	6	7
H	188	-	42000	134.0	-	117.0	69.0	-	1	1	1	7
H	189	16700	-	139.0	137.4	123.4	73.0	29.9	1	1	1	7
H	190	52600	55000	165.0	162.7	151.0	63.0	77.1	1	1	1	1
H	191	-	30400	160.0	-	135.0	72.0	-	1	1	1	7
H	192	12800	20800	187.0	180.5	172.5	66.0	15.4	1	1	1	7
H	193	20600	39900	149.0	148.4	141.0	58.0	7.8	1	3	1	1
H	194	15000	30000	130.0	-	120.0	36.0	23.6	1	1	3	1
H	195	14000	32000	170.0	124.9	114.9	71.0	16.0	1	1	6	1
H	196	-	16000	100.0	-	82.0	23.0	-	0	1	3	7
H	197	8300	17000	190.0	-	176.9	62.0	9.7	1	1	1	7
H	198	25500	48000	206.0	202.0	191.0	67.0	41.7	1	1	1	7
H	199	82200	170400	214.0	206.0	197.0	66.0	103.1	1	1	1	7
H	200	34400	45000	132.0	-	121.0	71.0	35.4	1	1	1	7
H	202	47500	95200	160.0	157.5	143.5	71.0	68.5	0	1	6	6
H	203	2500	122200	164.0	161.3	149.3	59.0	144.1	1	1	6	7
H	204	60500	62800	165.0	163.1	152.7	58.0	69.4	1	1	1	7
H	205	18700	39600	159.5	158.5	143.5	58.0	30.3	1	1	1	7
H	206	22400	41800	167.0	166.2	156.2	58.0	30.3	1	1	1	7
H	207	18100	38400	180.0	178.7	168.7	70.0	24.8	1	1	1	7
H	208	9600	24700	140.0	-	85.5	72.0	15.4	1	1	1	7
H	209	24000	38400	175.0	-	92.0	69.0	37.8	1	1	1	7
H	210	15900	35100	160.0	82.3	73.5	68.0	23.0	1	1	1	7
H	211	14500	42900	231.5	230.5	220.5	71.0	17.6	0	1	6	3
H	212	38700	57600	174.5	-	159.5	62.0	47.0	1	1	1	7
H	213	20600	35700	180.0	149.5	139.5	57.0	12.6	1	3	1	6
H	214	27200	33000	153.4	153.4	143.4	56.0	14.5	0	3	1	7
H	215	27200	48400	171.5	170.0	160.0	63.0	27.0	1	1	1	7
H	216	29200	44000	235.5	-	222.0	73.0	29.3	1	1	6	9
H	217	71300	66700	211.5	-	192.5	73.0	77.0	1	1	6	7
H	218	20600	47600	249.5	-	234.0	-	73.0	0	1	6	7
H	219	2600	50000	193.0	-	182.0	50.0	40.9	1	1	6	0
H	220	-	61600	226.0	-	210.0	74.0	-	1	1	6	5
H	221	-	-	220.0	211.0	198.0	73.0	-	1	1	1	1
H	222	-	-	125.0	-	115.0	36.0	-	1	1	1	8
H	223	19200	44800	190.0	136.0	125.0	47.0	30.2	1	1	4	7
H	224	21400	30400	193.0	-	179.0	58.0	24.0	1	1	1	7
H	225	27600	31200	165.0	-	152.5	67.0	45.0	1	1	1	7
H	226	-	72500	170.0	-	141.5	63.0	13.9	1	1	1	7
H	227	18300	30000	150.0	-	134.0	67.0	29.0	1	1	1	7
H	228	29600	38400	174.2	-	162.0	67.0	38.0	1	1	1	7
H	229	-	38000	178.0	-	166.0	68.0	-	1	1	1	7
H	231	8700	9000	200.0	-	181.5	61.0	13.7	1	1	1	7
H	232	-	40000	220.0	-	210.0	62.0	-	1	1	1	7

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
H 233	CARMAN ROAD	ESTATES PLACE	4047550732246	561024	133	-	216000
H 234	MARKWOOD LANE	FOOTHILL LANE	4051210731948	640311	139	171700	177000
H 236	KATHY COURT	KATHY LANE	4053540731949	-	152	-	-
H 237	E. ROGUES PATH	HARTLAND AVENUE	4050490732257	620924	141	158100	158400
H 238	MARION OPLACE	BEVERLY ROAD	4049250732232	-	151	-	-
H 239	BURR ROAD	COMMACK ROAD	4051100731733	610502	169	-	-
H 242	BROADWAY	CUBA HILL ROAD	4051410732153	640127	141	358400	372500
H 243	OAKLEDGE DRIVE	STACY STREET	4052220731830	571207	137	-	-
H 244	OLD COUNTRY RD.	DIX HILLS ROAD	4049320732150	620417	-	-	-
H 245	PASHEN PLACE	LAUREN AVENUE	4047550731819	-	-	101500	185000
H 246	UDELL WAY	OAKLEDGE DRIVE	4052080731837	-	137	-	-
H 247	TOMPKINS STREET	CAYUGA AVENUE	4053180731837	-	134	-	-
H 248	MEADOWRUE LANE	CORNFLOWER LANE	4051540731738	650122	169	-	-
H 249	MAYAPPLE LANE	WINTERCRESS LANE	4051470731737	660111	169	274500	285000
H 250	ROUTE 110	OVERHILL ROAD	4048390732437	-	151	-	-
H 251	W. END HAZEL CT.		4048150732447	-	-	-	-
H 252	ROUTE 110	WESTON STREET	4049280732500	-	151	-	-
H 253	JERICHO TURNPIKE	WEST HILLS ROAD	4049370732510	-	151	-	-
H 254	SWEET HOLLOW RD.	OAKLEY PLACE	4049450732509	-	-	-	-
H 255	JERICHO TURNPIKE	OAKLEY PLACE	4049460732452	-	-	-	-
H 256	W. 22ND. ST.	LONGLEY PLACE	4049530732502	-	151	-	-
H 257	W.15TH. ST.	LOCKWOOD AVENUE	4050150732512	-	-	-	-
H 258	OAKWOOD ROAD	22ND. STREET	4049570732545	-	-	-	-
H 259	HAMILTON LANE	CARREN CIRCLE	4050090732628	-	-	-	-
H 260	STEPAR PLACE	NORDEN LANE	4050190732552	-	-	-	-
H 261	W. 10TH. ST.	3RD. AVENUE	4050440732449	-	-	-	-
H 262	PIDGEON HILL RD.	JERICHO TURNPIKE	4049570732319	-	-	-	-
H 263	PIDGEON HILL RD.	SUNNYWOODS DR.	4049060732317	-	151	-	-
H 264	ALDRICH STREET	OAK AVENUE	4050390732320	-	151	-	-
H 265	LENOX ROAD	INGERSOLL STREET	4050290732344	-	151	-	-
H 266	LENOX ROAD	JOSHUA STREET	4050210732341	-	151	-	-
H 267	JERICHO TURNPIKE	SAPPHIRE PLACE	4049550732250	-	-	-	-
H 268	OAKWOOD ROAD	TALL OAK DRIVE	4051200732556	-	146	-	-
H 269	WEST NECK ROAD	AMHERST COURT	4052490732629	-	131	-	-
H 270	YOUNGS HILL ROAD	GLENVIEW PLACE	4053210732440	-	142	-	-
H 271	OLD FIELD ROAD	TILDEN LANE	4052140732244	-	130	-	-
H 272	CUBA HILL ROAD	BURNS COURT	4051220732139	-	141	-	-
H 273	WESTPARK DRIVE	E. 14TH STREET	4050270732422	-	151	-	-
H 274	CALEDONIA ROAD	KENDRICK LANE	4048090732152	-	133	-	-
H 275	NORTHERN ST. PKW	WILLOUGHBY PATH	4049550731944	-	133	-	-
H 276	ALISTER CIRCLE	DALY ROAD	4050060731915	-	-	-	-
H 277	ELWOOD ROAD	WARREN ROAD	4050450732018	-	-	-	-
H 278	CLAY PITTS ROAD	TALCOTT DRIVE	4052040732402	-	134	-	-
H 279	N/O 5TH STREET	E/O WICKS AVENUE	4051140732402	-	-	-	-
H 280	PULASKI ROAD	7TH AVENUE WEST	4052250732008	-	134	-	-
H 281	CLAY PITTS ROAD	1ST STREET	4051530731921	-	134	-	-
H 282	LITTLE PLAINS RD	SEXTON COURT	4051020732145	-	141	-	-
H 283	CARRIAGE COURT	LANDVIEW DRIVE	4047400732050	-	133	-	-
H 284	OLD COUNTRY ROAD	SINNOCK COURT	4048110732405	-	-	-	-
H 285	PULASKI ROAD	CULLEN DRIVE	4052500731853	-	137	-	-
H 286	LAUREL ROAD	CEDAR HILL DRIVE	4053120731953	-	134	-	-
I 1	POTTER BOULEVARD	SPUR DRIVE	4044530731633	550125	-	-	-
I 2	LINCOLN BLVD.	PEACH PLACE	4045070731631	550125	-	-	-
I 3	LINCOLN BLVD.	HEMLOCK DRIVE	4045180731634	550125	-	-	-
I 4	PINE ACRES BLVD.	LOUISE DRIVE	4045450731637	5508	-	970000	1035000

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA (square feet)	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
H	233	18000	30600	155.0	131.5	119.5	71.0	28.0	1	1	1	3
H	234	17700	28900	197.0	-	179.8	65.0	21.0	1	1	1	1
H	236	-	-	90.0	-	-	38.0	-	1	1	1	7
H	237	15800	30800	192.5	-	177.5	65.0	29.0	1	1	1	7
H	238	-	-	200.0	-	190.0	74.0	-	1	1	1	1
H	239	-	16500	149.5	-	136.0	66.0	-	1	1	1	7
H	242	37300	52000	216.5	-	197.5	63.0	56.4	1	1	1	7
H	243	-	15000	192.0	-	178.0	55.0	56.0	1	1	1	7
H	244	-	35200	190.0	189.5	180.0	73.0	-	1	1	1	8
H	245	18500	33600	143.5	142.0	132.0	56.0	16.0	1	1	1	7
H	246	-	-	190.0	-	-	58.0	-	1	1	3	7
H	247	-	5600	195.0	-	185.0	41.0	-	1	1	4	7
H	248	-	48000	151.0	-	141.0	59.0	-	1	1	1	3
H	249	28500	41500	161.0	-	142.0	61.0	31.4	1	1	1	7
H	250	-	-	150.0	-	-	73.0	-	1	1	1	7
H	251	-	-	180.0	-	-	74.0	-	1	1	8	7
H	252	-	-	155.0	-	-	67.0	-	1	1	1	7
H	253	-	-	160.0	-	-	65.0	-	1	1	6	7
H	254	-	-	155.0	-	-	66.0	-	1	1	6	7
H	255	-	-	155.0	-	-	66.0	-	1	1	1	7
H	256	-	-	155.0	-	-	65.0	-	1	1	1	7
H	257	-	-	160.0	-	-	62.0	-	1	1	1	7
H	258	-	-	180.0	-	-	63.0	-	1	3	1	1
H	259	-	-	120.0	-	-	60.0	-	1	1	1	7
H	260	-	-	190.0	-	-	61.0	-	1	1	1	1
H	261	-	-	185.0	-	-	61.0	-	1	1	1	7
H	262	-	-	195.0	-	-	68.0	-	2	1	1	9
H	263	-	-	240.0	-	-	73.0	-	0	1	1	9
H	264	-	-	200.0	-	-	65.0	-	1	1	1	3
H	265	-	-	180.0	-	-	65.0	-	1	1	1	1
H	266	-	-	175.0	-	-	66.0	-	1	1	1	9
H	267	-	-	215.0	-	-	68.0	-	1	1	1	5
H	268	-	-	300.0	-	-	50.0	-	1	1	4	7
H	269	-	-	100.0	-	-	36.0	-	1	1	3	7
H	270	-	-	100.0	-	-	30.0	-	1	1	3	8
H	271	-	-	245.0	-	-	54.0	-	1	1	1	9
H	272	-	-	210.0	-	-	69.0	-	1	1	1	7
H	273	-	-	175.0	-	-	63.0	-	1	1	1	7
H	274	-	-	220.0	-	-	74.0	-	1	1	6	1
H	275	-	-	245.0	-	-	72.0	-	1	1	6	5
H	276	-	-	145.0	-	-	71.0	-	0	1	5	7
H	277	-	-	200.0	-	-	67.0	-	1	1	1	1
H	278	-	-	190.0	-	-	59.0	-	1	1	1	7
H	279	-	-	195.0	-	-	61.0	-	1	1	4	1
H	280	-	-	225.0	-	-	56.0	-	1	1	1	7
H	281	-	-	195.0	-	-	61.0	-	1	1	1	7
H	282	-	-	200.0	-	-	66.0	-	1	1	1	7
H	283	-	-	135.0	-	-	60.0	-	0	8	1	1
H	284	-	-	135.0	-	-	75.0	-	1	1	1	0
H	285	-	-	215.0	-	-	51.0	-	1	1	4	7
H	286	-	-	200.0	-	-	48.0	-	1	1	4	7
I	1	-	48000	60.0	-	49.7	40.7	-	1	1	1	7
I	2	-	22000	63.2	-	52.2	41.0	-	1	1	1	7
I	3	-	26000	66.0	-	55.4	41.0	-	1	1	1	7
I	4	103500	-	80.0	73.6	-	42.0	152.7	1	1	1	7

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
I 5	LOCUST DRIVE	ELSIE LANE	4045410731620	5605	189	-	125000
I 9	23RD AVENUE	SPUR LANE	4045050731452	531204	189	-	-
I 10	MADISON AVENUE	BARLEAU STREET	4047260731517	550902	189	694000	940000
I 11	MADISON AVENUE	FLOYD STREET	4047350731518	550902	189	743000	1000000
I 12	MADISON AVENUE	RUTLEDGE STREET	4047500731519	570401	189	615600	667300
I 14	MADISON AVENUE	WHITE STREET	4048080731517	560229	189	1019300	1214000
I 15	ORIENT AVENUE	ELDRIDGE STREET	4048000731430	5506	189	424100	277300
I 16	EVERGREEN AVENUE	VITA DRIVE	4047240731252	-	191	-	-
I 17	NOSTRAND AVENUE	BIRCHGROVE DRIVE	4047330731256	-	191	-	-
I 18	COMMERCIAL BLVD.	GATES AVENUE	4047540731257	5506	191	590900	533000
I 19	FRONT AVENUE	DIXON STREET	4046170731326	-	189	-	-
I 20	GRAND BOULEVARD	JEWEL STREET	4046280731319	5410	189	3324400	336600
I 21	WILSON BOULEVARD	CEDAR STREET	4044440731213	-	198	-	-
I 22	MCFARLAND AVENUE	CEDAR STREET	4046330731206	-	191	-	-
I 24	PROSPECT AVENUE	ROSEWOOD STREET	4046440731114	-	191	-	-
I 26	PROSPECT AVENUE	HICKORY STREET	4046380731112	580424	191	-	-
I 27	PROSPECT AVENUE	TAMARACK STREET	4046340731113	-	191	-	-
I 28	PROSPECT AVENUE	MAGNOLIA STREET	4046300731112	-	191	-	-
I 29	ADAMS STREET E.	SHERWOOD DRIVE	4044280731100	-	193	-	-
I 30	SEYMOUR AVENUE	MADISON STREET	4044330731036	-	193	-	-
I 31	CARLETON AVENUE	ADAMS STREET	4044240731130	-	193	-	-
I 32	LOCUST AVENUE	IVY HILL ROAD	4045040730652	551007	205	-	220700
I 33	RIVERDALE DRIVE	AMBOY ROAD	4044540730700	551007	205	-	265000
I 34	RIVERDALE AVENUE	PRESIDENT STREET	4044360730709	551007	205	-	535800
I 35	WYANDANCH ROAD	LAWRENCE STREET	4045130730413	581001	207	-	238200
I 36	TUCKER DRIVE	STEPHEN ROAD	4045030730328	5505	186	-	-
I 37	CANDLEWOOD ROAD	LLOYD DRIVE	4045480731446	-	189	-	-
I 38	BRENTWOOD ROAD	NEW JERSEY AVE.	4045230731440	-	189	-	-
I 39	WYANDANCH ROAD	MCNEIL STREET	4045010730412	5405	207	-	-
I 40	KATHERINE PLACE	RACE PLACE	4044250730714	551025	205	-	-
I 41	CHAPEL HILL DR.	CHANEL DRIVE	4047380731547	58	189	1454000	1461500
I 42	DALE DRIVE		4043540730630	5703	191	-	-
I 44	CRESCENT DRIVE	CRANBERRY STREET	4046260731120	580630	191	-	100000
I 45	CRANBERRY STREET	CRESCENT DRIVE	4046270731114	581202	191	-	210000
I 46	TONI PLACE	LACE LANE	4047470731245	571004	191	-	36000
I 47	PINE ACRES BLVD.	LAUREL DRIVE	4044580731620	611029	189	-	251100
I 48	SYCAMORE AVENUE	WESTWIND DRIVE	4045240730710	580921	205	102000	120000
I 49	WICHARD DRIVE	OCEAN AVENUE	4044560730655	590713	205	-	-
I 50	MUNSON LANE	MONTAUK HIGHWAY	4043470730613	590225	211	-	-
I 51	CRANBERRY STREET	NICOLL AVENUE	4046300731051	6112	191	-	100000
I 52	E. ELM STREET	LOWELL AVENUE	4047010731126	620403	191	109800	-
I 53	E. ELM STREET	NICOLL AVENUE	4047030731058	620103	191	109800	169000
I 54	QUAIL DRIVE	WICKS ROAD	4047470731602	6010	189	295500	299200
I 55	ARBELL DRIVE	CANDLEWOOD ROAD	4045520731452	590309	189	556700	577700
I 56	CRAIG PLACE	CRAIG ROAD	4045020730954	591210	199	319600	321000
I 57	ELSIE LANE	LOCUST DRIVE	4045100731004	591210	189	168000	173000
I 58	WOODCLIFF ROAD	EVERGREEN STREET	4045200731016	591210	-	207300	213000
I 59	OTIS ROAD	SELEY CROSS	4045360731016	591210	199	188000	193000
I 60	NASSAU STREET	SATELITE DRIVE	4044530731038	630410	199	385100	407500
I 61	NASSAU STREET	COMMERCIAL AVE.	4044580731018	600422	199	523000	528000
I 62	HEAD DRIVE	OLD BROADWAY	4045200730351	590402	186	-	-
I 63	BROADWAY	BARBER STREET	4046490731344	600601	189	-	-
I 64	CANDLEWOOD ROAD	OWENS STREET	4045590731503	600511	189	-	-
I 65	KELLY AVENUE	PETERS BOULEVARD	4046500731231	601013	191	-	65300
I 66	URN COURT	WURZ STREET	4045260731304	600323	189	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA (square feet)	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
I	5	12500	20800	75.0	74.8	-	43.0	19.7	1	1	1	7
I	9	-	36000	45.0	-	-	33.0	-	1	1	1	7
I	10	117500	104000	104.9	103.0	85.0	47.0	85.0	1	1	1	7
I	11	105300	104000	108.9	106.5	87.0	47.0	91.0	0	1	1	7
I	12	27800	-	130.0	107.0	83.0	47.0	96.9	0	1	1	7
I	14	40500	48000	135.0	126.0	96.0	47.0	160.5	1	1	1	7
I	15	27700	-	115.0	-	-	45.0	46.5	1	1	1	7
I	16	-	-	75.0	-	-	38.0	-	1	1	1	3
I	17	-	-	80.0	-	-	39.0	-	1	1	1	7
I	18	53300	64000	90.0	-	-	39.0	93.0	0	1	1	7
I	19	-	-	55.0	-	-	38.0	-	1	1	1	7
I	20	33700	-	70.0	-	43.5	38.0	51.1	1	1	1	3
I	21	-	-	30.0	-	-	16.0	-	1	1	1	7
I	22	-	-	65.0	-	-	33.0	-	1	1	1	3
I	24	-	-	55.0	-	-	32.0	-	1	1	1	7
I	26	-	-	55.0	-	-	32.0	-	1	1	1	7
I	27	-	-	50.0	-	-	31.0	-	1	1	1	6
I	28	-	-	50.0	-	-	31.0	-	1	1	1	6
I	29	-	-	25.0	-	-	16.0	-	1	1	1	7
I	30	-	-	25.0	-	-	16.0	-	1	1	1	7
I	31	-	-	25.0	-	-	13.0	-	1	1	1	7
I	32	22100	28800	42.0	-	20.0	20.0	30.4	1	1	1	7
I	33	26500	22400	35.0	-	18.5	19.0	36.5	1	1	1	7
I	34	53600	73600	30.0	-	-	19.0	73.8	1	1	1	7
I	35	23800	33600	30.0	-	7.0	18.0	37.5	1	1	1	7
I	36	-	-	77.0	-	-	36.0	-	1	1	1	6
I	37	-	-	65.0	-	-	40.0	-	1	1	1	7
I	38	-	-	50.0	-	-	35.0	-	1	1	1	7
I	39	-	9400	25.0	14.0	6.0	17.0	-	1	1	1	7
I	40	-	-	25.0	-	-	11.0	-	1	1	1	7
I	41	146100	-	101.0	-	89.0	47.0	228.9	0	1	1	7
I	42	-	17600	11.0	-	63.5	4.0	-	1	1	1	7
I	44	10000	17100	50.0	-	36.0	38.0	15.7	1	1	1	6
I	45	21000	36000	48.6	-	35.0	38.0	33.1	1	1	1	6
I	46	3600	21600	98.5	-	87.5	38.0	5.7	1	1	1	7
I	47	17900	33000	62.1	59.0	45.0	40.0	39.5	1	1	1	7
I	48	12000	19500	45.0	-	32.0	27.0	15.6	1	1	1	7
I	49	-	-	40.0	-	-	19.0	-	1	1	1	7
I	50	-	57000	17.0	-	-	5.0	-	1	1	1	7
I	51	10000	25000	49.7	-	37.0	30.0	12.7	1	1	1	6
I	52	-	22500	55.0	-	42.5	34.0	15.0	1	1	1	7
I	53	16900	23800	56.3	-	43.0	32.0	15.0	1	1	1	6
I	54	29900	-	120.0	-	-	47.0	40.0	0	1	1	7
I	55	57800	-	70.0	-	-	40.0	87.6	1	1	1	7
I	56	27900	44800	18.5	18.0	6.5	12.0	50.3	1	1	1	7
I	57	15700	27000	23.0	21.0	10.0	12.0	26.4	1	1	1	7
I	58	19400	29300	28.5	28.0	17.0	20.0	32.6	1	1	1	7
I	59	17500	28600	29.5	29.5	18.5	21.0	29.6	1	1	1	7
I	60	39200	59800	32.3	28.4	18.0	22.0	1.8	1	3	1	7
I	61	52400	39000	27.8	-	12.0	10.0	60.0	1	1	1	7
I	62	-	26600	35.0	-	-	18.0	-	1	1	1	7
I	63	-	96000	75.0	68.0	56.0	41.0	3.3	1	1	1	7
I	64	-	-	75.0	-	-	42.0	-	1	1	1	7
I	65	6500	15400	65.0	65.0	55.0	36.0	10.3	1	1	1	3
I	66	-	-	35.0	-	-	32.0	-	1	1	1	7

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
I 67	TOWN LINE ROAD	VETERANS HIGHWAY	4049240731219	600314	196	117000	126000
I 68	L.I.E.	WHEELER ROAD	4048260731257	620129	196	215000	217000
I 69	WHEELER ROAD	WOODLAND AVENUE	4048370731300	6104	-	-	-
I 70	PINE GROVE BLVD.	PROSPECT PLACE	4045570731627	591124	189	235000	246500
I 71	RIDDLE STREET	RADCLIFF DRIVE	4045500731322	661104	189	331700	342900
I 72	DELAWARE AVENUE	INDIANA AVENUE	4045250731403	610317	189	-	300000
I 73	HENDERSON PLACE	WILLIAMS STREET	4047050731557	6511	189	179700	184000
I 74	SWALLOW LANE	THRUSH DRIVE	4048020731602	610710	189	-	-
I 75	WILLEN LANE	THRUSH DRIVE	4048090731539	610710	189	75200	77800
I 76	ELAYNE AVENUE	NEVADA AVENUE	4044160731436	5911	202	-	7000
I 77	BALDWIN BLVD.	OSWEGO DRIVE	4044320731621	6004	202	-	-
I 78	FREEMAN AVENUE	APPLE STREET	4046100731259	630418	189	202300	209200
I 79	WINSTON DRIVE	FREEMAN AVENUE	4045230731259	6105	189	-	-
I 80	DOVECOTE LANE	L.I.R.R.	4047380731122	610803	191	229400	234000
I 81	SUGARWOOD LANE	2ND. PLACE	4047440731113	601023	191	340000	370000
I 82	VILLAGE LANE	MARLON LANE	4049270731123	6209	196	-	-
I 83	EE. 3RD. AVENUE	BELDON LANE	4044440731528	610720	202	-	77000
I 84	HAUPPAUGE ROAD	HUBBS AVENUE	4049070731245	661121	-	73200	78000
I 85	SQUAW LANE	INDIAN HEAD DR.	4045280730353	600519	207	-	-
I 87	CONNECTICUT AVE.	OHIO AVENUE	4045340731419	6003	189	120000	130000
I 88	DALE DRIVE	DALE COURT	4048530731253	630410	196	161200	200000
I 89	HEMLOCK DRIVE	BRIGHT SHORE BLV	4045220731611	610606	189	196100	186200
I 90	BRIGHT SHORE BLV	CEDAR DRIVE	4045100731607	610606	189	75400	128300
I 91	BIRCH STREET	MILLAY LANE	4044490731507	650409	202	94400	106300
I 92	NOLIN STREET	BROADWAY	4046230731343	610711	189	32900	32100
I 93	LOEFELER STREET	BROADWAY	4046490731345	610711	189	72400	60900
I 94	RANICK ROAD	KINGS HIGHWAY	4048420731349	6509	196	-	-
I 95	BRIDGE ROAD	HIGHLAND ROAD	4048110731318	671220	-	-	-
I 96	MILFORD DRIVE	LIL LANE	4048040731203	-	191	-	-
I 97	OAKLAND AVENUE	EVERGREEN AVENUE	4047250731242	650920	191	160000	165600
I 98	NORTHFIELD ROAD	TOWN LINE ROAD	4049220731341	610804	196	365000	382000
I 99	PLYMOUTH ROAD	HALF MILE ROAD	4048560731324	630219	196	268900	287500
I 100	FAIRBANKS AVENUE	GARDEN CITY ST.	4045130731729	-	189	-	-
I 101	ONTARIO STREET	SHELTER STREET	4049050730739	-	200	-	-
I 102	BARLEAU STREET	LINCOLN AVENUE	4047210731526	620801	189	-	-
I 103	STUB STREET	SHERMAN STREET	4047270731538	610217	189	-	-
I 104	BECK COURT	SHERMAN STREET	4047280731549	610217	189	-	-
I 105	GIBBS ROAD	BOW LANE	4047450731107	620307	191	89000	114000
I 106	BETSY DRIVE	MONTAUK HIGHWAY	4043510730630	520706	211	45900	48000
I 107	MATTHEWS ROAD	WEAVER ROAD	4044180730622	620607	211	233000	244000
I 108	NEW YORK AVENUE	ILLINOIS AVENUE	4045260731455	650521	189	-	365000
I 109	COMMACK ROAD	MONTAUK AVENUE	4045480731418	620313	189	-	269300
I 110	COMMACK ROAD	CONCORD STREET	4045130731335	640323	198	121600	130000
I 111	CANDLEWOOD ROAD	CHURCHILL DRIVE	4045290731359	620502	189	182000	230000
I 112	PELHAM DRIVE	HUDSON AVENUE	4048020731448	610126	189	-	210000
I 113	ORANGE STREET	MAYFLOWER AVENUE	4045390731243	620321	189	175200	223200
I 114	WINSTON DRIVE	COMMACK ROAD	4045220731345	630524	189	-	-
I 116	LOCUST AVENUE	OCEAN AVENUE	4044400730639	5807	205	-	-
I 117	LOWELL AVENUE	E. CHERRY STREET	4046490731125	610710	191	-	90000
I 118	JUNIPER STREET	NICOLL AVENUE	4046550731056	600830	191	75000	109200
I 121	KANSAS AVENUE	OHIO AVENUE	4044500731423	610915	202	173900	373000
I 122	LAUREL AVENUE	UNION BOULEVARD	4044110731039	-	193	-	-
I 123	STEPHEN ROAD	STEPHEN COURT	4045250730326	651022	186	252200	256000
I 124	BARTON LANE	JENNEY ROAD	4045360730326	6310	186	242800	250000
I 125	GRISSOM WAY	TELSTAR LANE	4049130731220	620412	196	196000	200000

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

	BASIN NUMBER	MAX. AREA (square feet)	BASIN AREA (square feet)	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
I	67	12600	24000	65.0	-	-	50.0	16.0	1	1	1	6
I	68	18100	50400	105.0	95.0	83.0	41.0	21.0	0	3	6	7
I	69	-	-	90.0	-	-	42.0	-	0	3	6	3
I	70	24700	46800	85.0	-	71.5	43.0	27.0	1	1	1	7
I	71	25400	46800	49.5	49.0	35.5	36.0	45.6	0	1	1	7
I	72	30000	44600	50.3	-	35.2	33.0	47.2	1	1	1	7
I	73	19400	37800	135.0	101.2	91.7	47.0	28.3	1	1	1	7
I	74	-	67200	130.0	124.0	114.0	48.0	-	1	1	1	7
I	75	7800	22500	135.0	133.4	-	47.0	11.8	1	1	1	7
I	76	700	5400	25.0	-	24.0	23.0	1.1	1	1	1	7
I	77	-	5900	51.1	-	44.0	35.0	-	1	1	1	7
I	78	14300	26100	50.5	-	42.0	34.0	31.9	1	1	1	7
I	79	-	-	35.0	-	-	30.0	-	1	1	1	7
I	80	23400	34200	58.5	-	46.0	35.0	26.2	1	1	1	6
I	81	37000	30400	59.0	-	44.0	35.0	39.5	1	1	1	6
I	82	-	-	84.5	-	65.0	52.0	-	1	1	1	7
I	83	8300	19900	45.3	43.7	34.0	33.0	12.4	1	1	1	7
I	84	7800	14900	85.0	-	-	44.0	9.5	1	1	1	3
I	85	-	36100	38.0	-	-	18.0	18.0	1	1	1	6
I	87	13000	18000	54.0	-	39.0	36.0	18.9	1	1	1	7
I	88	20000	34200	88.0	-	73.0	42.0	18.5	1	1	1	7
I	89	12400	28000	64.8	64.5	49.5	42.0	26.8	1	1	1	1
I	90	12300	28000	60.5	58.9	48.5	42.0	11.9	0	1	1	3
I	91	10200	23400	46.7	44.4	34.0	34.0	12.1	1	1	1	3
I	92	4000	11500	66.0	64.7	56.7	38.0	4.5	1	1	1	7
I	93	6200	12000	67.8	67.2	58.0	38.0	9.9	1	1	1	7
I	94	-	13600	115.0	109.4	104.0	44.0	-	1	1	6	3
I	95	-	12600	121.5	-	111.9	41.0	-	1	1	1	3
I	96	-	72000	95.0	95.0	84.0	37.0	-	1	1	1	7
I	97	16600	36000	82.7	-	70.0	37.0	25.2	1	1	1	7
I	98	38200	83200	48.2	-	41.4	39.0	57.5	1	1	1	6
I	99	41100	69300	57.0	57.0	50.0	43.0	42.3	1	1	1	6
I	100	-	-	65.0	-	-	42.0	-	1	1	1	7
I	101	-	-	100.0	-	-	51.0	-	1	1	6	3
I	102	-	-	100.0	-	-	45.0	-	1	1	1	7
I	103	-	-	105.0	-	-	46.0	-	1	1	1	7
I	104	-	-	100.0	-	-	46.0	-	1	1	1	7
I	105	11400	20000	58.0	-	45.0	37.0	12.2	1	1	1	6
I	106	4800	10800	13.0	-	8.0	4.0	6.2	1	1	1	7
I	107	24400	27900	20.0	-	14.0	7.0	25.2	1	1	1	7
I	108	36500	50400	60.0	-	42.0	36.0	57.5	1	1	1	7
I	109	29800	43700	58.6	54.3	45.3	38.0	1.2	1	1	1	7
I	110	24100	37800	35.1	33.5	28.1	32.0	14.9	1	1	1	3
I	111	21500	33600	51.1	50.2	39.5	34.0	28.7	1	1	1	7
I	112	26300	43400	122.0	121.0	113.0	46.0	33.1	1	1	1	7
I	113	26600	37300	45.0	39.9	31.5	30.0	26.5	1	1	1	7
I	114	-	-	35.0	-	-	32.0	-	1	1	1	7
I	116	-	37200	37.0	-	21.0	12.0	-	1	3	1	3
I	117	10300	27000	55.0	54.4	45.7	33.0	14.2	1	1	1	7
I	118	11500	14000	54.8	53.0	43.5	31.0	11.8	1	1	1	6
I	121	93400	-	34.9	32.0	28.0	33.0	57.5	1	1	1	7
I	122	-	-	23.0	-	-	15.0	-	1	1	1	7
I	123	19700	41600	29.0	27.0	14.0	20.0	27.0	1	1	1	6
I	124	17900	36400	32.0	30.0	16.0	20.0	26.0	1	1	1	5
I	125	20000	44000	93.0	-	80.0	51.0	24.0	1	1	6	6

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
I 126	CARPENTER LANE	ATLANTIC PLACE	4048550731234	640311	198	180500	183000
I 127	LOWELL ROAD	WYANDANCH ROAD	4045340730418	620928	207	-	-
I 128	HILL DRIVE	NATHAN DRIVE	4047050730849	640225	188	-	-
I 129	E.FORKS ROAD	OAKRIDGE DRIVE	4045020731506	621026	202	108600	114300
I 130	ALISA LANE	OAKRIDGE DRIVE	4044570731516	621026	202	91500	97400
I 131	JULBET DRIVE	RICHMAR DRIVE	4045410730440	6209	207	250100	264300
I 132	ALBA COURT	LUCILLE DRIVE	4045480730429	6209	207	-	-
I 133	ARLINE LANE	TIMBER POINT RD.	4043280731047	631003	195	96600	101000
I 135	AERO WAY	JOHNSON AVENUE	4046480730543	620730	188	172900	-
I 136	WYNDHAM ROAD	FORE COURT	4047330731444	621227	189	120000	160000
I 139	FAIRFAX AVENUE	CLAY AVENUE	4043370731802	5902	204	77700	90900
I 140	SILVERLEAF LANE	SCOTCH PINE DR.	4048120731032	6303	191	448000	507000
I 141	ST. MARKS CIRCLE	PARK PLACE	4047580731017	640427	191	534000	650000
I 142	BOHEMIA PARKWAY	ISLAND BOULEVARD	4045160730612	630209	205	25200	54800
I 143	ARGOSY STREET	ROLAN COURT	4045150731052	631203	199	-	-
I 144	BENING LANE	GRUNDY AVENUE	4047290730432	640429	225	63900	66800
I 145	ARCH DRIVE	LOU COURT	4046050730440	-	225	139400	145700
I 146	NORMANDY DRIVE	CHURCH STREET	4046150730437	-	225	389000	540000
I 147	MARK DRIVE	COATES AVENUE	4046270730441	-	225	299500	443700
I 149	ARLINE LANE	TIMBER POINT RD.	4043140731042	631003	193	83200	88400
I 150	EISENHOWER AVE.	SUFFOLK AVENUE	4046270731638	630710	189	92900	142000
I 151	BELVEDERE DRIVE	SEVENTH STREET	4046590730814	640228	188	-	-
I 152	KINGS HIGHWAY	RIDGEFIELD ROAD	4048450731341	-	198	232000	315000
I 153	GILPIN AVENUE	TETART STREET	4048320731335	6211	198	168000	250000
I 155	BALLAD CIRCLE	FLUTE LANE	4047200730445	680423	225	279200	345000
I 157	CRESTWOOD ROAD	WINDWOOD ROAD	4045320730701	640515	188	112000	116000
I 158	KOPF STREET	GRAND BOULEVARD	4046250731313	640526	189	-	-
I 159	MADISON AVENUE	PINE STREET	4047050731511	640904	189	90400	89800
I 160	SCAMP COURT	STUDLEY STREET	4045460731352	640614	189	-	-
I 161	MADISON AVENUE	CLARKE STREET	4047570731519	640618	189	-	-
I 162	CLARINET LANE	FORD STREET	4047050730500	641106	225	286900	284900
I 163	WILSHIRE LANE	OAKDALE ROAD	4044370730724	650317	205	-	55800
I 164	OAKDALE ROAD	WILSHIRE AVENUE	4044420730734	650317	205	261800	295400
I 165	LURCOTT LANE	FRANCISCO AVE.	4047360731137	641218	191	86600	88000
I 166	WHEELER ROAD	GRISSOM WAY	4049170731233	650622	198	98300	100000
I 167	BELVEDERE DRIVE	ARON DRIVE	4047030730826	640225	188	-	-
I 168	CONNETQUOT AVE.	ALLWOOD AVENUE	4047220731044	651108	203	42200	45900
I 169	WOOD AVENUE	HAWTHORNE AVENUE	4044250731030	650823	193	98500	96100
I 170	KATHERINE PLACE	RACE PLACE	4044240730707	650803	205	-	-
I 171	NEWHAM AVENUE	COMMACK ROAD	4045450731404	651105	189	222500	398100
I 172	SPENCE AVENUE	GREENBELT PKWY.	4048120730254	651201	226	225700	228000
I 173	JEFFERSON AVENUE	THOMAS AVENUE	4048200731503	640724	189	77200	78000
I 174	PEARL STREET	S. ROBERTS ST.	4046570730425	651106	225	278300	280200
I 175	POND ROAD	KARSHICK STREET	4045480730715	6306	188	87800	92700
I 176	TIMBERLINE DRIVE	PLUNKET STREET	4046000731345	6407	189	-	-
I 177	ROMA AVENUE	BABYLON STREET	4046170731021	650504	203	111000	107000
I 178	ROMA AVENUE	ROCKAWAY STREET	4046050731016	640218	203	229800	350000
I 179	S. BEDFORD DRIVE	HANCOCK STREET	4048150731013	640427	203	681300	690000
I 180	CHERIL DRIVE	CAMILLE LANE	4046590730421	6503	225	378800	380900
I 182	LORI WAY	HUBBS AVENUE	4048470731237	620827	198	256000	336400
I 183	HELLER PLACE	DIONE LANE	4048370731250	630116	198	-	-
I 184	TERN COURT	QUAIL RUN	4043220731115	670117	193	110000	-
I 185	MATINECOCK AVE.	SHAMOKIN LANE	4043410731051	631003	193	206300	220000
I 186	WINFIELD AVENUE	STUYVESANT ST.	4048110731437	660811	189	60700	63000
I 187	GARDINER DRIVE	SOUTH COUNTRY RD	4042120731630	650827	209	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square	BASIN AREA feet)	ALTITUDE RIM	OVER-FLOW	BOT-TOM	WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
I	126	18300	19800	108.0	-	94.0	45.0	22.0	1	1	6	7
I	127	-	-	35.0	-	-	25.0	-	1	1	1	7
I	128	-	-	60.0	-	-	36.0	-	1	1	1	7
I	129	17900	33600	41.4	41.4	35.0	38.0	13.9	1	1	1	7
I	130	13900	19600	45.0	48.0	41.0	34.0	11.1	0	1	1	7
I	131	47200	88800	35.0	31.6	26.0	25.0	29.7	1	1	1	6
I	132	-	-	42.0	35.0	-	25.0	-	1	1	1	3
I	133	10100	29900	14.5	-	7.0	8.0	17.6	1	1	1	3
I	135	-	25500	60.0	-	-	35.0	7.0	1	3	1	5
I	136	16000	36400	106.5	-	92.3	45.0	19.0	1	1	1	7
I	139	10100	21000	38.5	38.0	29.0	27.0	12.2	1	1	1	3
I	140	50700	69000	76.0	-	-	37.0	48.0	1	1	1	7
I	141	65000	84000	60.0	-	-	35.0	61.2	1	1	1	7
I	142	5500	7500	30.0	-	-	21.0	4.0	1	1	1	7
I	143	-	37800	35.2	-	19.0	23.0	-	1	1	1	7
I	144	5500	9800	85.1	84.2	72.0	39.0	8.1	1	1	1	3
I	145	17100	25500	41.5	40.5	32.0	30.0	17.1	1	1	1	3
I	146	54000	64400	50.3	48.0	38.0	34.0	48.2	1	1	1	0
I	147	44400	64400	43.9	43.0	-	34.0	37.0	1	1	1	6
I	149	8600	24200	13.0	-	7.0	7.0	11.5	1	1	1	3
I	150	14200	26500	95.0	94.0	84.0	45.0	4.3	1	1	1	7
I	151	-	-	75.0	-	-	34.0	-	1	1	1	7
I	152	31500	52000	115.0	-	34.0	44.0	36.0	1	1	6	3
I	153	25000	28800	150.0	-	110.0	43.0	17.0	0	1	6	5
I	155	20100	42000	79.3	78.2	61.0	39.0	35.4	1	1	1	3
I	157	11600	23000	45.4	-	31.4	27.0	11.0	1	1	1	7
I	158	-	29200	65.0	-	42.0	38.0	-	1	1	1	6
I	159	7800	20000	84.2	82.5	71.0	45.0	9.0	1	1	1	7
I	160	-	27000	40.0	-	-	36.0	-	0	1	1	7
I	161	-	-	125.0	-	-	47.0	-	0	1	1	7
I	162	28700	21500	70.0	-	55.3	36.0	22.0	1	1	1	6
I	163	5600	16800	24.5	23.0	13.0	19.0	8.9	1	1	1	1
I	164	29500	-	27.7	25.0	15.0	10.0	28.2	1	1	1	7
I	165	8000	15000	81.5	81.0	70.0	35.0	49.0	1	1	1	3
I	166	10000	13200	67.0	-	55.0	45.0	11.0	1	1	1	3
I	167	-	-	70.0	-	-	34.0	-	1	1	1	7
I	168	7100	17600	45.0	38.5	32.0	32.0	6.6	1	1	1	6
I	169	32000	25000	25.0	17.0	14.0	16.0	15.5	1	1	1	7
I	170	-	-	25.0	-	-	11.0	-	1	1	1	7
I	171	39600	66000	56.2	54.3	44.3	38.0	13.1	1	1	1	7
I	172	15200	29700	91.0	88.0	73.0	40.0	21.4	0	1	1	6
I	173	10000	19000	143.8	141.8	134.0	47.0	9.3	1	1	1	7
I	174	20000	26900	70.3	68.5	54.5	37.0	43.8	1	1	1	6
I	175	9300	14400	59.0	-	45.0	28.0	16.0	1	1	1	7
I	178	-	-	55.0	-	-	38.0	-	1	1	1	7
I	177	9700	11900	35.4	34.0	23.0	23.0	10.8	1	1	1	3
I	178	35000	45000	43.5	-	24.0	23.0	31.4	0	1	1	7
I	179	69000	78000	66.5	-	50.0	37.0	72.5	1	1	1	7
I	180	29300	46800	73.2	69.2	56.2	37.0	59.6	1	1	1	6
I	182	24900	62400	92.0	91.5	78.0	44.0	35.0	1	1	1	6
I	183	-	37400	112.0	107.0	95.0	42.0	-	1	1	6	7
I	184	-	62400	10.0	9.3	6.5	5.0	1.4	0	1	1	3
I	185	22000	33600	15.5	-	8.5	11.0	10.0	0	1	1	3
I	186	6600	15400	120.2	119.5	110.0	4.0	7.6	1	1	1	1
I	187	-	-	10.0	-	-	5.0	-	0	1	1	4

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER		NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
I	188	LAKEVIEW AVENUE	SOUTH COUNTRY RD	4042010731654	650827	209	-	-
I	189	BRIDGE ROAD	HIGHLAND ROAD	4048080731317	671220	191	56000	70000
I	191	EVY COURT	LOOP DRIVE	4045440730421	620920	207	242200	283500
I	192	GRAND BOULEVARD	ORAY STREET	4046140731320	570718	189	456200	596700
I	193	OCEAN AVENUE	WOODY LANE	4044380730653	551007	205	-	261700
I	194	PECK AVENUE	PROSPECT PLACE	4046010731610	640122	189	-	-
I	195	CARDINAL CT. S.	PROSPECT PLACE	4045540731621	640327	189	80200	81600
I	196	INDIANA AVENUE	AMFER COURT	4045190731404	611027	189	-	-
I	197	RADIGAN AVENUE	L.I.E.	4048230731338	611027	196	-	-
MB	2	MELVILLE ROAD	BROAD HOLLOW RD.	4045170732523	-	-	-	-
MB	3	MELVILLE ROAD	BROAD HOLLOW RD.	4045130732523	-	-	-	-
MB	4	LINCOLN AVENUE	GRANT STREET	4042410732454	-	-	-	-
MB	5	BETHPAGE ROAD	STRAIGHT PATH	4041180732350	-	-	-	-
MB	6	STRAIGHT PATH	SUNRISE HIGHWAY	4041410732336	-	-	-	-
MB	7	BETHPAGE ROAD	IMOLA PLACE	4041110732352	-	-	-	-
MBK	1	NICOLLS ROAD	ST. GEORGE CLUB	4055070730702	-	-	-	-
MBK	2	ROUTE 347	OXHEAD ROAD	4053020730627	-	-	-	-
MBK	3	MIDDLE COUNTRY	E. OF SELDEN SCH	4052100730140	-	-	-	-
MBK	4	WOODS ROAD	MAGNOLIA STREET	4051500730616	-	216	-	-
MBK	5	MIDDLE COUNTRY	COLLEGE ROAD	4051450730251	-	253	-	-
MBK	6	B AVENUE	5TH STREET	4049190730430	-	-	-	-
MBK	7	S/O MORICHES-YAP	E/O CRANFORD	4049320725108	-	-	-	-
MBK	8	S/O MORICHES-YAP	E/O CRANFORD	4049250725108	-	-	-	-
MBK	9	WINSTON DRIVE	UPTON BOULEVARD	4048260725221	-	-	-	-
MBK	10	MIDDLE COUNTRY	CORAM-YAPHANK RD	4052050725958	-	-	-	-
MBK	11	STATION ROAD	AGAMEMNON AVENUE	4046020725628	-	213	-	-
MBK	12	BROOKHAVEN LABS.		4052060725200	-	-	-	-
MBK	13	BROOKHAVEN LABS.		4051560725403	-	-	-	-
MBK	14	BROOKHAVEN LABS.		4051450725304	-	-	-	-
MBK	15	BROOKHAVEN LABS.		4051450725258	-	-	-	-
MBK	16	BROOKHAVEN LABS.		4052490725328	-	-	-	-
MH	1	MCKAY ROAD	BISCAYNE DRIVE	4051030732551	-	148	-	-
MH	2	5TH AVENUE	11TH STREET	4050330732502	-	-	-	-
MH	3	W. 23RD. STREET	JONES LANE	4049500732524	-	-	-	-
MH	4	W. 22ND STREET	GRAYLEY PLACE	4049510732506	-	151	-	-
MH	5	ELMTREE LANE	PEARTREE LANE	4049260732505	-	151	-	-
MH	6	SPRUCETREE LANE	OAKTREE LANE	4049220732451	-	151	-	-
MH	7	WALT WHITMAN S.C		4049340732440	-	151	-	-
MH	8	WALT WHITMAN S.C		4049350732437	-	151	-	-
MH	9	LODGE AVENUE	NICHOLS PLACE	4050230732258	-	151	-	-
MH	10	WALT WHITMAN S.C		4049110732431	-	151	-	-
MH	11	WALT WHITMAN S.C		4049070732430	-	151	-	-
MH	14	ALTAMORE STREET	CARY COURT	4047270732350	-	-	-	-
MH	15	GOLDSMITH AVENUE	EUGENE STREET	4047270732315	-	148	-	-
MH	16	SWEET HOLLOW RD.	WALT WHITMAN RD.	4047210732506	-	148	-	-
MH	17	SWEET HOLLOW RD.	WALT WHITMAN RD.	4047180732513	-	148	-	-
MH	18	NORTH SIDE LIE	WALT WHITMAN RD.	4047130732516	-	148	-	-
MH	19	NORTHERN STATE	BROAD HOLLOW RD.	4047460732436	-	148	-	-
MH	20	OLD EAST NECK RD	PINE LAWN ROAD	4046070732420	-	148	-	-
MH	21	BAYLIS ROAD	PINE LAWN ROAD	4046020732423	-	148	-	-
MH	22	COLONIAL SPRINGS	WELLWOOD ROAD	4045570732414	-	-	-	-
MH	23	ABBOTT DRIVE	GLADES WAY	4053010732459	-	142	-	-
MH	24	POLLY COURT	POLLY DRIVE	4052220732355	-	142	-	-
MH	25	LINDA PLACE	HARRIET LANE	4052160732417	-	142	-	-
MH	26	OAKWOOD ROAD	WOODCHUCK HOL.RD	4051150732557	-	146	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square	BASIN AREA feet)	ALTITUDE RIM	OVER-FLOW	BOT-TOM	WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
I	188	-	-	10.0	-	-	5.0	-	0	1	1	4
I	189	7000	13200	121.5	-	109.5	41.0	8.8	1	1	6	3
I	191	29200	45000	43.0	40.7	31.0	25.0	30.2	1	1	1	7
I	192	33100	48000	63.0	-	44.0	37.0	71.5	1	1	1	3
I	193	26200	48000	31.4	-	20.7	12.0	38.8	1	1	1	7
I	194	26100	29400	85.0	-	-	44.0	-	1	1	1	7
I	195	8600	21000	85.0	80.5	71.0	44.0	5.4	1	1	1	7
I	196	-	20000	45.0	-	-	32.0	-	1	1	1	7
I	197	-	-	150.0	-	-	43.0	-	1	1	1	5
MB	2	-	-	85.0	-	-	59.0	-	1	1	1	6
MB	3	-	-	85.0	-	-	59.0	-	1	1	1	6
MB	4	-	-	50.0	-	-	41.0	-	1	1	1	1
MB	5	-	-	25.0	-	-	22.0	-	1	1	1	7
MB	6	-	-	35.0	-	-	25.0	-	1	1	1	7
MB	7	-	-	20.0	-	-	17.0	-	1	1	1	7
MBK	1	-	-	80.0	-	-	39.0	-	1	1	3	1
MBK	2	-	-	115.0	-	-	53.0	-	1	1	1	5
MBK	3	-	-	85.0	-	-	58.0	-	1	1	1	6
MBK	4	-	-	105.0	-	-	57.0	-	1	1	1	5
MBK	5	-	-	110.0	-	-	57.0	-	1	1	1	5
MBK	6	-	-	125.0	-	-	48.0	-	1	1	1	5
MBK	7	-	-	60.0	-	-	25.0	-	1	1	1	3
MBK	8	-	-	60.0	-	-	24.0	-	1	1	1	3
MBK	9	-	-	58.0	-	-	21.0	-	1	1	1	3
MBK	10	-	-	140.0	-	-	56.0	-	0	4	1	5
MBK	11	-	-	40.0	-	-	20.0	-	0	4	1	7
MBK	12	-	-	75.0	-	-	38.0	-	1	2	1	3
MBK	13	-	-	90.0	-	-	42.0	-	1	2	1	3
MBK	14	-	-	88.0	-	-	40.0	-	1	2	1	3
MBK	15	-	-	84.0	-	-	40.0	-	1	2	1	3
MBK	16	-	-	80.0	-	-	40.0	-	1	2	1	3
MH	1	-	-	270.0	-	-	55.0	-	1	1	4	7
MH	2	-	-	180.0	-	-	61.0	-	1	1	1	7
MH	3	-	-	170.0	-	-	64.0	-	1	1	1	7
MH	4	-	-	155.0	-	-	65.0	-	1	1	1	7
MH	5	-	-	155.0	-	-	67.0	-	1	1	1	7
MH	6	-	-	155.0	-	-	65.0	-	1	1	1	7
MH	7	-	-	155.0	-	-	67.0	-	0	4	1	0
MH	8	-	-	155.0	-	-	67.0	-	0	4	1	0
MH	9	-	-	220.0	-	-	67.0	-	1	1	5	9
MH	10	-	-	155.0	-	-	69.0	-	0	4	1	0
MH	11	-	-	155.0	-	-	69.0	-	0	1	4	1
MH	14	-	-	135.0	-	-	71.0	-	1	1	1	3
MH	15	-	-	135.0	-	-	69.0	-	1	1	1	7
MH	16	-	-	125.0	-	-	72.0	-	1	1	1	9
MH	17	-	-	130.0	-	-	72.0	-	1	1	1	9
MH	18	-	-	125.0	-	-	71.0	-	1	3	1	1
MH	19	-	-	155.0	-	-	73.0	-	1	3	1	1
MH	20	-	-	100.0	-	-	62.0	-	1	1	1	6
MH	21	-	-	105.0	-	-	62.0	-	1	1	1	6
MH	22	-	-	100.0	-	-	61.0	-	1	1	1	6
MH	23	-	-	28.0	-	-	22.0	-	1	1	1	8
MH	24	-	-	200.0	-	-	48.0	-	1	1	1	9
MH	25	-	-	180.0	-	-	45.0	-	1	1	1	9
MH	26	-	-	245.0	-	-	62.0	-	1	1	4	9

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
MH 27	BROAD HOLLOW RD.	RULAND ROAD	4045420732515	-	148	-	-
MH 28	ESTATES PLACE	CARMAN ROAD	4047530732251	-	133	-	-
MH 29	HEMINGWAY DRIVE	BAGATELLE ROAD	4047020732239	-	133	-	-
MH 30	ROWENA LANE	AUTUMN DRIVE	4052370731811	-	137	-	-
MH 31	L.I.R.R.	CATHERINE STREET	4052480732015	-	134	-	-
MH 32	CEDAR ROAD	NEWMARK STREET	4051190731924	-	139	-	-
MH 33	CEDAR ROAD	CATON STREET	4051210731917	-	139	-	-
MH 34	HOLLY DRIVE	BEACON LANE	4051140731812	-	169	-	-
MH 35	E. END ARISTA CT		4049460732054	-	133	-	-
MH 36	WINTHROP DRIVE	SUNCREST DRIVE	4048210732153	-	133	-	-
MH 37	DEER PARK AVENUE	PARSONS DRIVE	4048270732037	-	133	-	-
MH 38	VANDERBILT PKWY.	CANDLEWOOD PATH	4048390732002	-	133	-	-
MH 39	CARLLS STRAIGHT	CAROLINE DRIVE	4048200731912	-	133	-	-
MH 40	CARLLS STRAIGHT	GRAYON DRIVE	4048210731918	-	133	-	-
MH 41	CARLLS STRAIGHT	CORWIN COURT	4048270731912	-	133	-	-
MH 42	HALF HOLLOW RD.	SOUTH HOLLOW RD.	4047160732101	-	-	-	-
MH 44	TRUXTON ROAD	EBBTIDE LANE	4046490732122	-	-	-	-
MH 45	HARMON DRIVE	CIRO STREET	4051060732014	-	139	-	-
MH 46	THADFORD STREET	HARLEY AVENUE	4051100731913	-	139	-	-
MI 1	BRADLEY STREET	WICKS ROAD	4046430731541	-	189	-	-
MI 2	FIFTH AVENUE	RUMPELT AVENUE	4044430731549	-	202	-	-
MI 3	ALKIER STREET	GRAND BOULEVARD	4046590731322	-	191	-	-
MI 4	JEFFERSON AVENUE	17TH AVENUE	4046480730842	-	188	-	-
MI 5	WILSON BOULEVARD	BEECH STREET	4046300731224	-	191	-	-
MI 6	MONTAUK AVENUE	OCEANSIDE STREET	4046010731003	-	203	-	-
MI 7	FREEMAN AVENUE	WILEY AVENUE	4045450731303	-	189	-	-
MI 8	EAST FORKS ROAD	BROOK AVENUE	4044170731455	-	202	-	-
MI 9	WHEELERS STREET	SUNRISE HIGHWAY	4044460730949	-	203	-	-
MI 10	WHEELERS STREET	SOUTH COUNTRY RD	4044400730933	-	203	-	-
MI 11	POND ROAD	L.I.R.R.	4044500730811	-	205	-	-
MI 12	POND ROAD	L.I.R.R.	4044460730811	-	205	-	-
MI 13	VETERANS HIGHWAY	JOHNSON AVENUE	4047080730608	-	188	-	-
MI 14	BOHEMIA SPORT CL		4046350730603	-	188	-	-
MI 15	CENTRAL AVENUE	PURICK STREET	4045350730246	-	186	-	-
MI 16	CALEB'S PATH	L.I.E.	4048280731405	-	191	-	-
MN 1	GRUMMAN AIRPORT		4045250732932	-	92	-	-
MN 7	GRUMMAN AIRPORT		4045180732934	-	92	-	-
MN 8	GRUMMAN AIRPORT		4045180732929	-	92	-	-
MN 9	GRUMMAN AIRPORT		4045200732917	-	92	-	-
MN 11	ELMWOOD STREET	NASSAU AVENUE	4046300732950	-	122	-	-
MN 12	BARNUM AVENUE	QUEENS COURT	4045580732912	-	92	-	-
MN 13	WINDING ROAD	BETHPAGE SWEET.R	4045370732646	-	116	-	-
MN 14	WINDING ROAD	BETHPAGE SWEET.R	4045350732646	-	116	-	-
MN 18	MITCHELL FIELD		4043060733540	-	14	-	-
MN 20	MICHAEL COURT	FAIRCHILD AVENUE	4047430732756	-	122	-	-
MN 21	SQUIRREL LANE	HEMPSTEAD TPKE.	4043320733126	-	25	-	-
MN 22	GRUMMAN AIRPORT		4044460733005	-	92	-	-
MN 23	PENNSYLVANIA AVE	MAPLE DRIVE	4040240733556	-	37	-	-
MN 24	GLEN COVE ROAD	VOICE ROAD	4044440733715	-	52	-	-
MN 25	SANDS POINT ROAD	OAKTREE LANE	4051020734259	-	86	-	-
MN 26	GLEN COVE DRIVE	MAIDEN LANE	4050130733717	-	101	-	-
MN 27	FRUITLEDGE ROAD	TAPPENTOWN LANE	4048540733330	-	93	-	-
MN 28	LINDA COURT	DONNA DRIVE	4051000733342	-	127	-	-
MN 29	WOODLEA ROAD	HUNTERS DRIVE	4049430733115	-	115	-	-
MN 30	CIRCLE ROAD	MUTTONTOWN ROAD	4049530733110	-	115	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
MH	27	-	-	195.Ø	-	-	62.Ø	-	1	1	1	1
MH	28	-	-	155.Ø	-	-	71.Ø	-	1	1	1	7
MH	29	-	-	2ØØ.Ø	-	-	64.Ø	-	1	1	8	1
MH	3Ø	-	-	195.Ø	-	-	53.Ø	-	1	1	1	7
MH	31	-	-	235.Ø	-	-	53.Ø	-	1	1	1	1
MH	32	-	-	19Ø.Ø	-	-	62.Ø	-	1	1	1	7
MH	33	-	-	19Ø.Ø	-	-	62.Ø	-	1	1	1	7
MH	34	-	-	16Ø.Ø	-	-	68.Ø	-	1	1	1	7
MH	35	-	-	24Ø.Ø	-	-	74.Ø	-	1	1	6	1
MH	36	-	-	2Ø5.Ø	-	-	72.Ø	-	1	1	6	9
MH	37	-	-	2ØØ.Ø	-	-	71.Ø	-	1	1	6	7
MH	38	-	-	22Ø.Ø	-	-	71.Ø	-	1	1	6	7
MH	39	-	-	155.Ø	-	-	59.Ø	-	1	1	1	7
MH	4Ø	-	-	155.Ø	-	-	6Ø.Ø	-	1	1	1	7
MH	41	-	-	165.Ø	-	-	6Ø.Ø	-	1	1	1	7
MH	42	-	-	125.Ø	-	-	57.Ø	-	1	1	8	3
MH	44	-	-	135.Ø	-	-	55.Ø	-	1	1	8	1
MH	45	-	-	235.Ø	-	-	65.Ø	-	Ø	1	1	1
MH	46	-	-	19Ø.Ø	-	-	62.Ø	-	1	1	1	7
MI	1	-	-	95.Ø	-	-	45.Ø	-	1	1	1	1
MI	2	-	-	5Ø.Ø	-	-	35.Ø	-	1	1	1	3
MI	3	-	-	8Ø.Ø	-	-	38.Ø	-	Ø	1	1	7
MI	4	-	-	5Ø.Ø	-	-	34.Ø	-	1	1	1	7
MI	5	-	-	55.Ø	-	-	34.Ø	-	1	1	1	6
MI	6	-	-	35.Ø	-	-	22.Ø	-	1	1	1	7
MI	7	-	-	45.Ø	-	-	33.Ø	-	1	1	1	7
MI	8	-	-	35.Ø	-	-	27.Ø	-	1	1	1	7
MI	9	-	-	2Ø.Ø	-	-	1Ø.Ø	-	1	1	1	7
MI	1Ø	-	-	13.Ø	-	-	7.Ø	-	1	1	1	6
MI	11	-	-	12.Ø	-	-	6.Ø	-	1	1	1	3
MI	12	-	-	11.Ø	-	-	6.Ø	-	1	1	1	3
MI	13	-	-	78.Ø	-	-	39.Ø	-	1	3	1	3
MI	14	-	-	5Ø.Ø	-	-	37.Ø	-	1	1	1	6
MI	15	-	-	35.Ø	-	-	22.Ø	-	1	1	1	6
MI	16	-	-	12Ø.Ø	-	-	44.Ø	-	1	3	1	8
MN	1	-	-	13Ø.Ø	-	-	73.Ø	-	1	2	1	2
MN	7	-	-	13Ø.Ø	-	-	72.Ø	-	1	2	1	2
MN	8	-	-	13Ø.Ø	-	-	72.Ø	-	1	2	1	2
MN	9	-	-	13Ø.Ø	-	-	72.Ø	-	1	2	1	2
MN	11	-	-	16Ø.Ø	-	-	79.Ø	-	1	1	1	2
MN	12	-	-	145.Ø	-	-	76.Ø	-	1	1	1	3
MN	13	-	-	135.Ø	-	-	67.Ø	-	1	1	7	3
MN	14	-	-	135.Ø	-	-	67.Ø	-	1	1	1	7
MN	18	-	-	8Ø.Ø	-	-	49.Ø	-	1	2	1	2
MN	2Ø	-	-	2ØØ.Ø	-	-	72.Ø	-	1	1	1	1
MN	21	-	-	85.Ø	-	-	57.Ø	-	1	4	1	2
MN	22	-	-	11Ø.Ø	-	-	68.Ø	-	1	2	1	2
MN	23	-	-	3Ø.Ø	-	-	22.Ø	-	1	1	1	1
MN	24	-	-	1ØØ.Ø	-	-	58.Ø	-	1	1	1	2
MN	25	-	-	76.Ø	-	-	13.Ø	-	1	1	2	1
MN	26	-	-	95.Ø	-	-	47.Ø	-	1	1	3	Ø
MN	27	-	-	25Ø.Ø	-	-	73.Ø	-	Ø	Ø	Ø	Ø
MN	28	-	-	16Ø.Ø	-	-	6Ø.Ø	-	1	1	3	1
MN	29	-	-	245.Ø	-	-	65.Ø	41.1	1	1	1	1
MN	3Ø	-	-	23Ø.Ø	-	-	63.Ø	-	1	1	1	1

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER		NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
MN	31	NEW SOUTH ROAD	KARIN LANE	4045310733008	-	104	-	-
MN	32	EAST CARMANS RD.	FARMINGDALE ROAD	4042470732601	-	99	-	-
MN	33	NEWBRIDGE ROAD	HEMPSTEAD TPKE.	4043300733230	-	8	-	-
MN	34	SAGAMORE STREET	OAKWOOD LANE	4047290732829	-	122	-	-
MN	35	POPLAR PLACE	WOOLSEY AVENUE	4052250733806	-	100	200700	39400
MN	36	MID ISLAND MALL		4046180733208	-	104	-	-
MS	1	GATEWOOD DRIVE	GLENWOOD DRIVE	4049440731607	-	196	-	-
MS	2	EAST LANE	OAKSIDE ROAD	4052190731259	-	182	-	-
MS	3	CAMBON AVENUE	CAMELOT LANE	4051560730840	-	180	-	-
MS	4	HARNED ROAD	NEW HIGHWAY	4049380731657	-	169	-	-
MS	5	MARIE CRESCENT	DEWEY ROAD	4049310731651	-	169	-	-
MST	10	EAST NORWICH RD.	CEDAR SWAMP ROAD	4047550733222	-	105	-	-
MST	15	WADLEIGH AVENUE	SOUTHERN ST. PKY	4041100733837	-	23	-	-
MST	16	MEADOWBROOK PKY.	NORTHERN ST. PKY	4045160733704	-	52	-	-
MST	17	SUNKEN MEADOW PK	JERICHO TURNPIKE	4050390731558	-	169	-	-
MST	18	TOWN LINE ROAD	HAVEMEYER LANE	4050590731725	-	169	-	-
MST	19	COMMACK ROAD	GENESEE DRIVE	4050230731731	-	169	-	-
N	1	DUTCH BROADWAY	RUSSELL AVENUE	4041120734203	5104	10	-	184000
N	2	DUTCH BROADWAY	NASSAU STREET	4041210734225	5104	10	-	130000
N	3	DUTCH BROADWAY	EMILY AVENUE	4041320734230	5104	10	-	110300
N	4	KENSINGTON RD	ANDREWS AVE	4043040733231	5108	8	-	79000
N	5	ARRANDALE RD	MARTHA BLVD	4044230733001	5212	92	-	136200
N	6	HICKSVILLE RD	MARTIN RD	4043450732919	5112	92	-	121000
N	7	ANTHONY DR	OAK ST	4043230732747	5510	99	-	120600
N	8	NIGHTINGALE ROAD	ROBIN COURT	4041000733846	5111	23	-	44000
N	9	OVERLOOK TERRACE	THORNE PL	4047100733818	5211	53	-	446000
N	10	HERRICKS ROAD	WILSON BOULEVARD	4044510733938	5106	62	-	2600700
N	11	FALCON ST	NEWBRIDGE RD	4042410733225	5104	8	-	319000
N	12	LINDEN BLVD	JERUSALUM AVE	4044510733041	5311	104	-	325000
N	13	AVOCA AVE	HICKSVILLE RD	4043560732915	5202	92	-	443000
N	14	THIRD AVE	4TH STREET	4043010733249	5104	8	-	177000
N	15	MILFORD LA	CENTRAL AVE	4040390734232	5104	34	-	835000
N	16	ASH PLACE	CLIFF ROAD	4041160733401	5206	33	-	72600
N	17	CLAUDY LA	LAKEVILLE RD	4045080734156	5110	71	-	173000
N	18	ALBERTSON AVE.	I.U. WILLETS RD.	4046190733835	5108	50	-	550000
N	19	MEADOW LA	JERICHO TPKE	4048490732959	5108	126	-	770200
N	20	HILLSIDE AVE	STEWART AVE	4044250734201	540601	71	452000	385000
N	21	MARCUS AVE	NEW HYDE PARK RD	4052440733806	651011	65	-	-
N	22	JERUSALEM AVE	CORNFLOWER RD	4043590733055	5106	25	-	550000
N	23	PERIWINKLE RD	CORNFLOWER RD	4044010733135	5105	25	-	1090000
N	24	HYACINTH RD	AZALEA RD	4044010733204	5105	25	-	342000
N	25	MERIDIAN RD.	SOLAR LN.	4043580733028	510924	25	-	315000
N	26	HEMPSTEAD TPKE.	HAMLET RD	4043340733034	5104	25	-	1130000
N	27	GARDINERS AVE	REED LA	4043090733058	5104	25	-	293000
N	28	GARDINERS AVE	RANCH LA	4043090733040	5105	25	-	236000
N	29	GRASSY LANE	BUCKET LANE	4043360733120	5704	25	-	212000
N	30	JERUSALEM AVE.	HEMPSTEAD TPKE.	4043370733053	5107	25	-	389000
N	31	GARDINERS AVE.	WATER LA.	4042370733039	5105	25	-	1630000
N	32	CANTER LA.	HEMPSTEAD TPKE.	4042570733136	5107	25	-	5940000
N	33	WANTAGH AVE.	MILLER PL.	4043010733005	5104	25	-	686000
N	34	POLARIS DRIVE	JERUSALEM AVE.	4044130733047	5105	25	-	1720000
N	35	BLOOMINGDALE RD.	SOLAR LA.	4044090733023	5110	25	-	520000
N	36	POTTER LANE	SPINDLE ROAD	4044350733121	5104	25	-	318000
N	37	SCOOTER LANE	POET LANE	4044360733040	5107	25	-	530000
N	38	CHERRY ST.	WINTER LA.	4044470733150	5104	25	-	152000

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
MN	31	-	-	130.0	-	-	73.0	-	1	1	1	2
MN	32	-	-	50.0	-	-	40.0	-	1	1	1	2
MN	33	-	-	90.0	-	-	58.0	20.7	1	4	1	2
MN	34	-	-	167.4	-	-	77.0	64.5	1	1	1	1
MN	35	5300	-	116.0	114.4	107.0	54.0	39.8	1	1	3	3
MN	36	-	-	145.0	-	-	77.0	-	0	4	1	2
MS	1	-	-	140.0	-	-	56.0	-	1	1	1	5
MS	2	-	-	110.0	-	-	35.0	-	1	1	1	7
MS	3	-	-	120.0	-	-	63.0	-	1	1	1	7
MS	4	-	-	165.0	-	-	61.0	-	0	3	5	3
MS	5	-	-	175.0	-	-	58.0	-	0	1	5	8
MST	10	-	-	220.0	-	-	77.0	-	1	3	6	1
MST	15	-	-	41.0	-	-	22.0	-	1	3	1	1
MST	16	-	-	95.0	-	-	62.0	-	1	3	1	2
MST	17	-	-	140.0	-	-	56.0	-	1	3	1	7
MST	18	-	-	140.0	-	-	65.0	-	1	3	1	7
MST	19	-	-	120.0	-	-	67.0	-	1	3	1	7
N	1	47900	-	35.5	-	28.0	17.0	29.0	1	1	1	6
N	2	113300	-	47.0	-	38.0	15.0	20.5	1	1	1	6
N	3	31800	-	55.6	-	44.0	14.0	17.4	1	1	1	6
N	4	21200	-	76.5	-	66.5	50.0	12.4	1	1	1	2
N	5	23800	-	102.0	-	91.0	66.0	21.4	1	1	1	2
N	6	19700	-	88.7	-	77.0	59.0	19.0	0	1	1	1
N	7	21700	-	67.8	-	54.0	50.0	19.0	1	1	1	1
N	8	17600	-	37.0	-	27.0	20.0	2.7	1	3	1	1
N	9	57200	-	158.0	-	148.0	51.0	70.2	1	1	1	1
N	10	265300	-	92.0	-	82.0	46.0	409.4	0	1	1	1
N	11	65200	-	66.7	-	54.0	49.0	50.2	1	1	1	1
N	12	61700	-	121.6	-	110.5	69.0	51.2	1	1	1	2
N	13	55500	-	92.4	-	80.0	59.0	69.0	0	1	1	1
N	14	35200	-	75.5	-	62.0	52.0	27.9	1	1	1	2
N	15	37800	-	27.0	-	19.0	11.0	131.4	0	1	1	6
N	16	18300	-	40.0	-	-	30.0	11.4	1	1	1	3
N	17	39500	-	124.0	-	114.0	33.0	27.2	1	1	1	1
N	18	69900	-	129.0	-	116.0	54.0	86.6	0	1	1	1
N	19	91600	-	194.0	-	175.0	72.0	121.2	1	1	6	1
N	20	38400	67800	61.3	60.0	50.0	32.0	14.1	1	1	1	2
N	21	38000	50000	115.0	-	101.5	34.0	74.9	1	1	3	1
N	22	59200	-	94.2	-	77.3	62.0	86.6	0	1	1	2
N	23	105000	-	91.5	-	72.3	64.0	171.6	0	1	1	2
N	24	44900	-	95.0	-	75.2	64.0	53.8	1	1	1	2
N	25	56800	-	85.0	-	68.0	62.0	49.6	1	1	1	2
N	26	219200	-	81.6	-	62.8	57.0	177.9	1	1	1	2
N	27	40000	-	82.0	-	57.8	52.0	46.1	0	1	1	2
N	28	49600	-	72.0	-	56.8	52.0	37.2	1	1	1	2
N	29	40900	-	87.5	-	69.5	58.0	33.4	1	1	1	2
N	30	54600	-	86.0	-	67.0	58.0	58.1	0	1	1	2
N	31	435900	-	57.8	-	49.0	44.0	256.6	1	1	1	2
N	32	708900	-	72.0	-	55.0	51.0	363.6	1	3	1	1
N	33	104600	-	64.5	-	52.8	50.0	42.0	0	3	1	2
N	34	178700	-	97.0	-	85.5	65.0	270.8	0	1	1	2
N	35	64900	-	90.4	-	73.2	63.0	81.9	1	1	1	2
N	36	51400	-	106.1	-	91.8	68.0	19.5	1	3	1	2
N	37	67700	-	110.1	-	95.5	66.0	83.4	1	1	1	2
N	38	39500	-	118.5	-	102.5	70.0	23.9	1	1	1	2

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER		NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
N	39	DIVISION AVE.	AUTUMN LA.	4044460733124	5104	25	-	151000
N	40	MANSFIELD AVE.	PARKER AVE.	4042470732935	521106	121	378000	288000
N	41	N. STEWART AVE.	LEVITTOWN PKWY.	4044380733232	5105	25	-	571000
N	42	PINTAIL LANE	ORCHID ROAD	4044160733206	5108	25	-	1785000
N	43	NEWBRIDGE DR.	SKIMMER LA.	4044140733131	5104	25	-	1254000
N	44	WILLIS AVE.	MEADOW LA.	4046350733911	5104	50	-	143000
N	45	N. STEWART AVE.	ACRE LA.	4044550733235	5104	104	-	502000
N	46	ROUND HILL RD.	GLENWOOD LA.	4047140733753	5308	53	-	288000
N	47	HEMPSTEAD TPK.	DIVISION AVE.	4043320733147	5104	25	-	780000
N	48	NEWBRIDGE RD.	NICHOLAI ST.	4045420733211	5111	104	-	66200
N	49	HAWTHORN ST.	JOHN ST.	4041250733951	531023	47	98000	118600
N	50	S. CABOT LANE	ALICE COURT	4044380733301	5408	8	-	531000
N	51	CARMAN AVENUE	OLD COUNTRY ROAD	4045020733328	530330	8	133600	222400
N	52	CARMAN AVE	N. STEWART AVE.	4044550733309	5104	8	-	222000
N	53	GRACE LA	NEWBRIDGE RD	4044050733225	5104	104	-	221000
N	54	BALL PARK LANE	NEWBRIDGE ROAD	4044570733222	5104	104	-	1020000
N	55	CAROL PLACE	S. ZORRANE DRIVE	4043090732819	5104	92	-	24700
N	56	BELLMORE RD.	MAGNOLIA RD.	4041320733209	561210	32	185000	123000
N	57	PORT LANE	SALISBURY PK.DR.	4044190733350	5110	8	-	711000
N	58	NEWBRIDGE RD	SECOND ST	4043130733255	5107	8	-	114000
N	59	NEWBRIDGE RD	SECOND ST	4043090733247	5106	8	-	-
N	60	DWYER PL	BALDWIN RD	4046070733423	540409	89	350000	334000
N	61	E. WILLISTON AVE	L.I.R.R.	4045330733823	5608	54	-	379000
N	62	WANTAGH ST.PKWY	OLD WESTBURY RD	4044060733247	5204	8	-	9020000
N	63	NORTHERN ST.PKY	WILLIS AVE	4046560733851	5104	83	-	102200
N	64	OLD FARM RD	ROUND HILL RD	4047210733741	5308	53	-	89200
N	65	WESTBURY RD	OLD BRICK RD	4047070733746	5203	53	-	76600
N	66	BUXTON AVE	LAWRENCE RD	4041370733958	5211	69	-	233000
N	67	JERUSALEM AVE	VALLEY LA	4044590733121	530608	104	240000	328000
N	68	FORDHAM AVE	DIVISION AVE	4045080733129	5404	104	104	318000
N	69	WOODBURY RD	IRENE LA. SOUTH	4047230732927	530303	104	151000	156100
N	70	HAYLOFT LA	NORTHERN ST. PKY	4046400733803	5104	83	-	530000
N	71	SCHOOL HOUSE LA.	ARBOR LA.	4046040733802	5111	83	-	1245000
N	72	ROUND HILL RD	WAGON RD	4047230733756	5110	53	-	273000
N	73	UNDERHILL BLVD.	WILLIS LANE	4048550733047	581022	115	-	-
N	74	NIAGARA ST	GREENWAY BLVD	4041080734221	5205	10	-	313000
N	75	PROSPECT AVE	BELLMORE RD	4042510733217	5302	8	-	385000
N	76	HARRIET ROAD	GLORIA ROAD	4042470732903	5109	121	-	264000
N	77	DEAN ST	JERUSALEM AVE	4044520733057	5309	104	-	456000
N	78	HEMPSTEAD TPKE	BENSON AVE	4042280734155	5909	10	-	94000
N	79	SHEPHERD LANE	SNAPDRAGON LANE	4046430733823	5109	83	-	193000
N	80	YALE ST	WILLIS AVE	4046330733838	51	50	-	124200
N	81	EVERGREEN AVE	STEWART AVE	4045450732938	5212	92	-	187000
N	82	ROSELLE STREET	SHORTRIDGE DRIVE	4045230733735	6203	68	-	127400
N	83	MIRIAM PARKWAY	MIRIAM COURT	4041320734204	5508	10	-	122000
N	84	STEWART AVE	DENNIS LA	4043120732847	5309	121	-	270000
N	85	N. JERUSALEM RD	NEWBRIDGE AVE	4042110733310	52	8	-	155400
N	86	JEFFERSON ST	MERITTS RD	4043590732720	5404	99	-	119800
N	87	CLEARMEADOW RD.	NEWBRIDGE RD.	4043330733300	5205	8	-	276000
N	88	JACKSON AVE.	CONVENT RD.	4049240732955	571104	126	32200	53000
N	89	SEARINGTOWN RD.	NORTHERN BLVD.	4047430734004	-	81	-	18300
N	90	SEARINGTOWN RD.	THE SPUR	4047250733956	5803	81	-	64600
N	91	OLIVE STREET	TANNERS ROAD	4045420734154	5511	65	-	129200
N	92	OLD WESTBURY RD.	GUINEA WOODS RD.	4047050733730	5710	53	-	234000
N	93	WILLIS AVE.	HOLLOW CT.	4046190733923	5110	50	-	86400

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
N	39	57800	-	112.9	-	101.8	69.0	23.8	1	1	1	2
N	40	28700	54500	67.0	62.6	52.0	45.0	59.5	1	1	1	1
N	41	69100	-	111.9	-	92.5	68.0	89.9	1	1	1	2
N	42	81100	-	42.0	-	33.0	66.0	281.0	0	1	1	2
N	43	136600	-	99.0	-	80.5	65.0	197.4	1	1	1	2
N	44	23000	-	126.5	-	113.0	48.0	22.5	1	1	2	1
N	45	58000	-	116.7	-	93.6	70.0	79.0	1	1	1	2
N	46	29500	-	166.0	-	154.0	55.0	45.3	1	1	1	1
N	47	135200	-	79.5	-	58.5	57.0	122.8	0	1	1	2
N	48	18000	-	129.0	-	119.5	73.0	10.4	1	1	1	2
N	49	26900	30300	219.5	219.3	212.0	21.0	18.0	1	1	1	1
N	50	62500	-	111.0	-	95.7	68.0	83.6	1	1	1	2
N	51	22200	-	113.0	-	97.0	71.0	21.0	1	1	1	2
N	52	37500	-	116.3	-	98.3	70.0	34.9	1	1	1	2
N	53	40900	-	97.0	-	80.0	64.0	34.8	1	1	1	2
N	54	796000	-	117.0	-	107.0	70.0	160.6	0	1	1	2
N	55	37500	-	74.6	-	62.0	51.0	15.1	1	3	1	3
N	56	18900	33500	45.0	43.5	34.0	30.0	25.4	1	1	1	1
N	57	87500	-	110.0	-	100.0	66.0	111.9	1	1	1	2
N	58	22100	-	83.0	-	100.0	54.0	17.9	1	0	1	2
N	59	26100	-	78.9	-	66.0	53.0	17.6	1	1	1	2
N	60	38700	79200	135.8	123.3	123.3	73.0	48.2	1	1	1	1
N	61	73400	-	109.1	-	99.4	51.0	59.7	1	1	1	1
N	62	592300	-	102.0	-	79.0	52.0	419.9	1	1	1	1
N	63	18400	-	122.3	-	112.8	50.0	16.1	1	1	1	1
N	64	18200	-	163.0	-	153.0	58.0	14.0	1	1	1	1
N	65	15900	-	158.0	-	143.0	57.0	12.1	1	1	1	1
N	66	11900	-	52.0	-	38.0	20.0	14.3	1	4	1	1
N	67	39300	63400	119.0	-	109.0	71.0	32.7	1	1	1	2
N	68	61000	-	124.8	-	110.0	71.0	50.1	1	1	1	2
N	69	17300	28000	176.0	174.5	164.5	81.0	22.0	1	1	1	2
N	70	89500	-	115.8	-	101.4	56.0	83.4	1	1	1	1
N	71	201200	-	105.3	-	87.5	56.0	196.0	1	1	1	1
N	72	51900	-	171.0	-	157.8	55.0	43.0	1	1	6	1
N	73	23400	41000	216.3	-	205.0	71.0	42.2	0	1	6	1
N	74	56900	-	39.0	-	28.0	15.0	49.3	1	1	1	6
N	75	65000	-	70.7	-	59.5	49.0	60.6	1	1	1	1
N	76	58100	-	66.0	-	-	43.0	41.6	0	1	1	3
N	77	62600	-	120.4	-	107.4	69.0	71.8	1	1	1	2
N	78	16000	-	69.0	-	56.0	21.0	14.8	1	1	1	1
N	79	47200	-	116.5	-	99.5	55.0	30.4	1	1	1	1
N	80	77300	-	122.0	-	106.0	53.0	19.6	1	1	1	1
N	81	39900	-	134.2	-	124.0	78.0	29.4	1	1	1	2
N	82	28100	-	105.3	-	90.9	59.0	20.1	1	1	1	2
N	83	24300	-	42.8	-	31.0	15.0	19.2	1	1	1	6
N	84	49600	-	74.2	-	63.0	49.0	42.5	1	1	1	1
N	85	33600	-	41.0	51.5	44.0	24.5	1.0	1	1	1	1
N	86	36300	-	73.4	-	61.0	58.0	18.9	1	1	1	1
N	87	42900	-	91.5	-	76.5	59.0	43.4	1	1	1	2
N	88	6000	14400	216.2	216.0	208.0	67.0	5.1	1	1	6	1
N	89	6000	-	186.3	-	176.4	42.0	2.9	1	1	4	1
N	90	21100	-	233.4	-	225.4	43.0	10.2	1	1	4	1
N	91	45000	-	133.0	-	119.0	33.0	20.3	0	1	1	1
N	92	50800	-	158.0	-	142.0	61.0	36.8	1	1	1	1
N	93	18000	-	124.1	-	110.0	40.0	13.6	0	1	6	1

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER		NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
N	94	APPLETREE LA.	JAMAICA BLVD.	4045050733650	520915	52	-	203400
N	95	COLUMBUS AVE.	NEWBRIDGE RD.	4042040733231	670508	32	759700	875500
N	96	PARKSIDE RD.	ROSLYN RD.	4046590733829	51	80	-	273200
N	97	WANTAGH AVE.	HEMPSTEAD TPKE.	4043410732954	5104	25	-	201000
N	98	KNOLLWOOD DR.	ASBURY AVE.	4045100733629	5111	52	-	72800
N	99	BEECHWOOD DR.	GLEN HEAD RD.	4050430733742	51	101	-	129200
N	100	CENTRAL DR.	GLEN COVE RD.	4050370733747	51	101	-	48100
N	101	PARKWAY DRIVE	I.U. WILLETS RD.	4046290733736	51	50	-	131100
N	102	LAWRENCE LA.	FROST POND RD.	4051250733605	5209	100	-	269000
N	103	SOUTHERN ST. PKY	GREENWAY BLVD.	4040580734222	5210	10	-	82700
N	104	PLYMOUTH DR.N.	GLEN COVE RD.	4050330733740	5211	101	-	133000
N	105	OLD WESTBURY RD.	KINGS DR.	4047180733637	5206	118	-	112000
N	106	SEAMANS NECK RD.	MAXWELL RD.	4041250732955	5303	46	-	248000
N	107	SEAMANS NECK RD.	TOLLGATE LANE	4041570732940	5204	46	-	-
N	108	WILLETS DR.	JACKSON AVE.	4048510733023	5501	108	-	134000
N	109	WANTAGH AVE.	FARM RANCH RD.	4044130733008	5112	92	-	157000
N	110	WANTAGH AVE.	MILLER PL.	4042510733007	5201	25	-	399000
N	111	CARMAN AVENUE	GASSER AVENUE	4044240733316	5204	8	-	410000
N	112	L.I.R.R.	ARIZONA AVE.	4049310732959	520317	92	89800	59500
N	113	TEMPLE DR.	HENRY RD.	4040530732958	5202	46	-	281000
N	114	ROXBURY LA.	BARBARA LA.	4043110733109	5110	25	-	108700
N	115	HEMPSTEAD TPKE.	MILLER RD.	4043390732812	5302	92	-	69200
N	116	HEMPSTEAD TPKE.	COLONIAL DR.	4043310732748	5209	121	-	106000
N	117	LUDLAM AVE.	ELMONT RD.	4042060734325	590901	10	-	-
N	118	HILLSIDE AVE.	GUINEA WOODS RD.	4045380733718	540210	118	84000	96500
N	119	HEMLOCK ST.	PINE TREE DR.	4043080732751	530224	121	153000	121000
N	120	RAFF AVENUE	FLORAL PKWY.	4042580734145	61	55	-	-
N	121	STEWART STREET	COVERT AVE.	4043280734142	621015	55	-	-
N	122	ELMONT ROAD	DUTCH BROADWAY	4041410734318	4303	10	-	3770000
N	123	OLD COUNTRY ROAD	ROCKAWAY AVENUE	4044120733908	4105	14	6286000	5720000
N	124	CLINTON RD	STEWART AVE.	4043560733706	4004	14	-	-
N	125	GARFIELD AVE.	MARCELLUS RD.	4044360733850	4104	68	-	-
N	126	L.I.R.R.	BROWN ST.	4045330733827	41	90	-	-
N	127	WILLIS AVE.	HAWTHORNE ST.	4045340733848	3001	90	-	-
N	128	DUFFY LA.	OLD COUNTRY RD.	4045340733256	43	104	-	156500
N	129	DENTON AVE.	HILLSIDE AVE.	4044510734031	62	57	-	-
N	130	HERRICKS RD.	HILLSIDE AVE.	4045170733929	38	62	-	1910000
N	131	L.I.R.R.	EDGEMERE ROAD	4043050734016	59	14	-	-
N	132	DENTON AVE.	JERICHO TPKE.	4044410734018	43	57	-	-
N	133	FROST STREET	UNQUA ROAD	4040460732619	540407	110	217000	218000
N	134	WILLIS AVENUE	OLD MOTOR PKWY.	4045520733903	660802	50	-	-
N	135	STEWART AVE	ROMSCHO ST	4044000732857	541220	92	120000	137300
N	136	PINE HOLLOW RD	SPLIT ROCK RD	4051200733204	630228	98	1186000	1634300
N	137	JEROME AVENUE	GLEN COVE ROAD	4045040733712	37	52	-	-
N	138	JERICHO TPKE	HALSEY AVE	4047260733225	5407	105	-	-
N	139	CHERRY LANE	ATLANTIC AVENUE	4044500733637	441128	52	-	-
N	140	MASON ST	TENNYSON AVE	4045040733427	670320	89	100000	138000
N	141	TULIP AVE	JERICHO TPKE	4043370734236	460830	89	-	-
N	142	WHITE OAK TREE R	N.HEMPSTEAD TPK.	4050500732908	640423	107	430000	438000
N	143	GEORGE STREET	GUINEA WOODS RD	4047210733703	5708	118	-	-
N	144	BRUSH HOLLOW RD	NORTHERN ST. PKY	4046230733345	531230	89	87300	88700
N	145	OLD COUNTRY RD	CENTRAL PARK RD	4046330732840	5501	122	-	282000
N	146	JERUSALEM AVE	WASHINGTON AVE	4041240732916	6508	38	-	-
N	147	UNION AVENUE	WANTAGH ST. PKWY	4046060733351	471103	70	-	-
N	148	LINDA RD	CARMANS RD	4041550732607	560528	110	69000	72500

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
N	94	36800	-	90.5	-	77.5	61.0	32.0	1	1	1	2
N	95	87600	137000	57.9	53.0	43.0	37.0	104.6	1	1	1	3
N	96	36400	-	121.0	-	106.0	51.0	43.0	1	1	1	1
N	97	27100	-	80.0	-	68.0	59.0	31.6	1	1	1	2
N	98	18300	-	95.5	-	87.0	60.0	11.5	1	1	1	2
N	99	42000	-	125.0	-	114.0	42.0	20.3	0	1	3	1
N	100	19400	-	116.9	-	89.0	42.0	7.6	0	1	3	1
N	101	23400	-	138.5	-	124.0	60.0	8.0	0	3	1	1
N	102	110600	-	130.5	-	114.9	56.0	16.5	0	4	3	1
N	103	21800	-	37.2	-	27.0	14.0	5.1	1	3	1	6
N	104	27400	-	139.5	-	120.5	42.0	20.9	0	1	3	1
N	105	46500	-	153.5	-	143.0	64.0	17.6	1	1	1	1
N	106	53000	-	41.5	-	30.0	30.0	39.0	1	1	1	1
N	107	24000	-	45.0	-	35.0	35.0	59.2	1	1	1	1
N	108	25600	-	205.6	-	188.0	72.0	21.1	1	1	6	1
N	109	25800	-	97.0	-	86.0	63.0	24.7	1	1	1	2
N	110	74500	-	61.0	-	50.0	49.0	24.4	0	3	1	2
N	111	67300	-	117.5	-	100.0	66.0	64.5	0	1	1	2
N	112	13800	22200	216.0	204.0	198.8	65.0	20.6	0	1	1	1
N	113	13400	-	33.0	-	23.0	20.0	44.2	1	1	1	1
N	114	21600	-	78.0	-	62.0	53.0	17.1	1	1	1	1
N	115	20500	-	64.0	-	55.0	59.0	10.9	1	1	1	1
N	116	13400	-	75.5	-	65.0	53.0	16.7	0	1	1	1
N	117	26500	38100	50.8	42.8	35.0	11.0	14.7	0	1	1	2
N	118	11900	28300	101.6	99.8	90.0	62.0	14.4	1	1	1	2
N	119	15300	29400	73.0	71.5	62.0	50.0	27.9	1	1	1	3
N	120	281000	443000	76.4	-	54.6	27.0	229.3	1	1	1	2
N	121	269500	327000	90.7	77.0	68.0	30.0	551.8	1	1	1	2
N	122	112000	-	43.0	-	31.2	12.0	593.5	1	1	1	6
N	123	210000	696960	86.5	-	77.0	46.0	415.4	0	1	1	5
N	124	70200	78000	84.5	-	68.0	59.0	66.1	0	1	1	2
N	125	45000	57600	90.7	80.5	78.4	49.0	180.0	0	1	1	2
N	126	54000	61000	106.0	-	87.5	51.0	6.3	0	1	1	1
N	127	156000	37900	-	102.5	-	109.7	50.0	0	1	1	1
N	128	37900	-	109.7	-	102.5	50.0	24.6	1	1	1	1
N	129	720000	849000	74.0	-	63.0	41.0	663.4	1	1	1	1
N	130	276000	-	105.2	-	87.4	42.0	300.7	0	1	1	2
N	131	154700	198000	62.0	-	51.0	35.0	62.0	1	2	1	2
N	132	157000	208000	87.0	-	66.0	42.0	11.0	1	1	1	1
N	133	36800	56500	23.5	21.6	14.7	15.0	29.8	1	1	1	1
N	134	161000	240000	134.1	-	79.5	50.0	74.4	1	1	1	1
N	135	14800	30000	92.0	91.2	81.5	60.0	22.0	1	1	1	1
N	136	137200	343000	93.5	91.4	79.5	52.0	162.0	1	1	3	3
N	137	5600	-	85.0	-	-	62.0	6.0	1	1	1	2
N	138	26000	-	169.6	-	158.6	77.0	3.4	1	4	1	1
N	139	249600	294000	85.6	-	74 0	62.0	34.3	0	1	1	2
N	140	16000	39000	144.7	141.4	131.4	70.0	13.8	1	1	1	2
N	141	24200	36300	80.6	-	72.0	26.0	3.5	0	1	1	1
N	142	48000	92500	158.0	155.0	144.0	24.0	49.5	1	1	3	1
N	143	71500	244000	140.0	-	130.0	62.0	44.1	0	1	1	1
N	144	10500	27100	139.0	137.0	127.0	74.0	12.0	1	3	1	1
N	145	52300	-	137.5	-	126.5	81.0	44.4	1	1	1	2
N	146	222000	398000	41.2	-	30.3	29.0	27.7	1	3	1	1
N	147	57000	97000	140.0	-	-	74.0	83.5	1	1	1	6
N	148	12300	30900	43.5	40.4	33.6	27.0	10.9	1	1	1	1

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
N 149	CYPRESS RD	ELM ST	4049160732744	560711	128	292000	127500
N 150	POWELLS LANE	JERICHO TURNPIKE	4046190733428	521103	89	113000	166000
N 151	ROSLYN RD	HILLDALE RD	4046140733816	5110	50	-	29300
N 152	VERNON STREET	ISLAND STREET	4046160732952	511231	122	-	108000
N 153	PLUM TREE ROAD	STEWART AVENUE	4044340733405	540520	42	2000000	1897000
N 154	CEDAR LANE	APPLE LANE	4042370733414	560810	8	840000	252000
N 155	PETERS AVE.	RUGBY RD.	4043060733431	551017	8	-	-
N 156	NORTH DRIVE	PARKWAY DRIVE	4045320733628	5505	89	-	182000
N 157	CORNELL AVE.	WILDWOOD AVE.	4041040733958	5408	29	-	222000
N 158	HILLSIDE AVE.	NORTHERN ST. PKY	4045340733727	6109	54	-	167000
N 159	BLOOMINGDALE AVE	BROADWAY	4045030733021	540927	104	-	133000
N 160	JERICHO TPKE.	DEWEY ST.	4047130733238	521118	105	172000	156000
N 161	REDWOOD LA.	SEAMANS NECK RD.	4042250732939	5205	25	-	479000
N 162	TWISTING LA.	SEAMANS NECK RD.	4041460732945	5205	48	-	202000
N 163	CENTRAL DR. S.	NEWBRIDGE AVE.	4042160733256	5210	8	-	66600
N 164	N.HEMPSTEAD TPK.	DAVID CT.	4043330733247	5211	8	-	107600
N 165	SOUTHERN ST. PKY	WANTAGH ST. PKWY	4041380733109	5207	46	-	186000
N 166	LINCOLN RD.	OLD COUNTRY RD.	4046060732909	540914	122	246000	156000
N 167	ZECKENDORF BLVD.	MEADOWBROOK PKWY	4044080733630	550413	14	-	-
N 168	MINEOLA AVENUE	CHERRY LANE	4044520733642	560904	52	-	-
N 169	EILEEN AVE.	JANET AVE.	4045590732949	5211	92	-	71600
N 170	WILLETS RD.	DUCK POND RD.	4051370733610	5311	100	-	410000
N 171	HICKSVILLE RD.	MICHIGAN DR.	4044550733025	5310	92	-	128800
N 172	JERUSALEM AVE.	RAY PL.	4041440733155	630305	32	176000	40000
N 173	JERUSALEM AVE.	WANTAGH AVE.	4041320732949	5211	46	-	202000
N 174	ELWOOD AVE.	CHERRY ST.	4044590733129	540621	104	456000	494000
N 175	SYLVIA DR.	NORMAN DR.	4042100733205	530713	32	98500	-
N 176	WEST ST.	EMMETT ST.	4045170734011	541011	62	313000	239000
N 177	S. OYSTER BAY RD	JERICHO TPKE.	4048190733007	540219	108	335000	339500
N 178	NEW SOUTH RD.	OLD COUNTRY RD.	4045570733031	490711	104	-	-
N 179	CYNTHIA DR.	CHALADAY LA.	4042060733329	5305	8	-	129500
N 180	MEADOW COURT	SOUTH MEADOW RD.	4041260733360	5307	33	-	57200
N 181	COLD SPRING ROAD	WOODVALE DRIVE	4050330732849	630619	107	432000	430000
N 182	HICKSVILLE ROAD	N. RIDGE GATE	4041490732852	5310	110	-	112000
N 183	GUINEA WOODS RD.	WOODBINE RD.	4047310733719	5308	53	-	36300
N 184	GUINEA WOODS RD.	HARBOR HILL RD.	4047380733720	5308	53	-	37300
N 185	HICKSVILLE RD.	WICKS AVENUE	4041510732858	5506	110	-	23200
N 186	FENIMORE PLACE	SCHOOL DR.	4040530733632	5305	2	-	412000
N 187	SOUTHERN ST. PKY	OAKFIELD AVE.	4041590733157	5306	32	-	283000
N 188	SOUTHERN ST. PKY	SEAMANS NECK RD.	4042010732937	5210	46	-	-
N 189	HEMPSTEAD TPKE.	GARDINERS AVE.	4043230733107	5501	25	-	1488000
N 190	WILLIS AVE.	YALE ST.	4046340733858	510512	50	-	-
N 191	POLARIS DRIVE	BLOOMINGDALE RD.	4044110733035	490321	25	-	-
N 192	N.HEMPSTEAD TPK.	WHITNEY LANE	4049070733605	531014	93	-	187000
N 193	ELLISON AVE.	NORTHERN ST. PKY	4045370733603	650111	89	152000	151000
N 194	HICKSVILLE RD.	BRIARWOOD RD.	4042200732858	521007	110	151000	145500
N 195	N.HEMPSTEAD TPK.	PINE HOLLOW RD.	4050440733218	5310	98	-	290000
N 196	MASS.-HICKSVILLE	SOUTHERN ST. PKY	4042330732903	530821	121	231000	144000
N 197	N.WISCONSIN AVE.	AMHERST DRIVE	4042380732840	5402	110	-	198000
N 198	SOUTHERN ST. PKY	CARMANS RD.	4042230732562	5410	125	-	96600
N 199	CENTRAL AVE.	WELLS RD.	4040500734231	541108	34	-	-
N 200	POLO ROAD	ARRANDALE AVENUE	4048200734441	520421	140	-	-
N 201	ALDEN DR.	CIRCLE DR.	4047170733036	530730	104	-	57000
N 202	CHERRYWOOD PLACE	BEECHWOOD PLACE	4040580732930	5305	38	-	122000
N 203	BRIARWOOD RD.	HICKSVILLE RD.	4042220732830	5408	110	-	188000

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA (square feet)	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
N	149	16000	81800	199.0	188.0	180.0	33.0	33.2	0	1	6	1
N	150	22200	32100	135.5	134.5	126.0	73.0	20.5	1	3	1	1
N	151	17500	-	116.2	-	104.6	54.0	4.6	0	1	1	1
N	152	21000	-	151.1	-	144.0	79.0	17.0	1	1	1	2
N	153	189700	336700	87.5	86.0	76.0	66.0	250.0	1	1	1	2
N	154	49300	76900	63.0	55.0	51.0	45.0	114.0	1	1	1	1
N	155	-	21600	75.0	-	-	50.0	53.5	1	1	1	2
N	156	36600	-	115.0	-	99.0	66.0	28.7	1	1	1	2
N	157	47400	-	44.8	-	34.0	20.0	34.9	1	1	1	1
N	158	29600	-	94.0	-	80.0	60.0	26.3	1	1	1	2
N	159	13400	21600	116.0	116.0	105.0	70.0	20.9	1	1	1	2
N	160	19100	38000	170.6	167.5	158.6	77.0	41.0	0	1	1	1
N	161	123800	-	55.0	-	44.0	41.0	75.4	1	1	1	2
N	162	41400	-	45.0	-	35.0	33.0	31.8	1	1	1	1
N	163	24100	-	58.0	-	46.8	40.0	10.5	1	1	1	6
N	164	22700	-	90.4	-	78.0	59.0	16.9	1	1	1	2
N	165	46400	-	40.8	-	33.5	37.0	11.4	1	3	1	1
N	166	15100	38500	145.7	144.1	132.0	79.0	34.0	1	1	1	2
N	167	260000	330000	82.0	-	68.5	58.0	57.8	0	2	1	2
N	168	-	38000	95.0	-	85.0	62.0	43.7	1	1	1	2
N	169	30400	-	146.2	-	132.0	79.0	11.3	1	1	1	2
N	170	51500	-	140.8	-	125.5	56.0	25.1	0	4	3	1
N	171	28800	-	117.0	-	106.0	70.0	20.3	1	1	1	2
N	172	7800	16800	47.3	45.4	39.0	34.0	27.2	1	1	1	3
N	173	43700	-	42.5	-	34.0	31.0	31.8	1	1	1	1
N	174	70200	83000	118.2	117.8	109.5	71.0	21.4	1	1	1	2
N	175	-	19700	55.0	-	-	40.0	22.4	1	1	1	3
N	176	29200	51000	107.5	105.0	95.5	40.0	107.6	0	1	1	1
N	177	36000	56000	193.0	192.9	181.5	75.0	61.2	1	1	1	2
N	178	248000	274000	145.0	-	120.0	77.0	29.3	0	1	1	2
N	179	28800	-	59.7	-	48.0	38.0	20.4	0	1	1	6
N	180	15500	-	40.0	-	37.0	29.0	3.5	1	3	1	3
N	181	48100	80000	231.4	229.6	219.6	56.0	52.0	1	1	1	1
N	182	27000	-	45.0	-	36.0	33.0	17.6	1	1	1	3
N	183	15900	-	147.2	-	125.0	61.0	5.7	1	1	1	1
N	184	12800	-	169.0	-	157.0	61.0	5.9	1	1	1	1
N	185	23700	-	42.0	-	33.0	33.0	3.7	1	1	1	3
N	186	78000	-	45.0	-	32.0	25.0	64.9	1	1	1	1
N	187	12100	-	52.8	-	43.0	38.0	44.5	0	1	1	3
N	188	38100	-	47.0	-	35.0	38.0	8.8	1	3	1	1
N	189	269800	-	82.5	-	67.5	55.0	234.2	1	1	1	1
N	190	216000	266000	96.0	-	80.0	49.0	4.6	0	1	1	1
N	191	97500	166500	96.7	-	79.7	50.0	11.8	1	1	1	1
N	192	37500	-	158.0	-	146.0	65.0	29.4	1	1	3	1
N	193	17100	34800	123.0	122.0	112.0	58.0	21.0	1	1	1	2
N	194	17200	28600	59.0	57.4	47.5	39.0	20.6	1	1	1	3
N	195	47200	-	189.0	-	170.0	56.0	45.7	1	1	3	1
N	196	18500	36700	57.3	55.9	47.0	35.0	42.0	1	1	1	1
N	197	42400	-	63.0	-	51.5	40.0	31.2	1	1	1	1
N	198	9400	-	49.0	-	38.0	34.0	15.2	1	1	1	1
N	199	-	22500	37.0	-	-	13.0	6.9	1	1	1	3
N	200	-	57600	55.0	-	-	13.0	14.7	1	1	3	1
N	201	22900	38100	182.1	172.0	170.0	81.0	9.0	1	1	1	2
N	202	42100	-	31.2	-	23.0	23.0	19.2	1	1	1	1
N	203	38300	-	59.2	-	47.4	39.0	29.6	1	1	1	1

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER		NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
N	204	DOLPHIN DR.	PLAINVIEW RD.	4043460732756	531228	99	29600	40300
N	205	GLEN COVE RD.	RAFF AVE.	4045130733711	5401	52	-	124000
N	206	JAMES AVENUE	ROSS LANE	4050350733215	5403	98	-	138000
N	207	ROSEMARY DR.	BOSTON AVENUE	4042450732834	540413	121	325000	350000
N	208	WOOD AVENUE	PINE STREET	4041260732823	540712	110	-	-
N	209	KNICKERBOCKER RD	BENTLEY RD.	4046500732951	531102	122	481000	452500
N	210	SEAMANS NECK RD.	KINGSBERRY RD.	4042480732928	521211	121	226000	294000
N	211	SEAMANS NECK RD.	CORDWOOD ST.	4042310732918	5411	121	-	257700
N	212	HICKSVILLE RD.	ARLINGTON DR.	4042160732906	5411	110	-	294000
N	213	EMERSON AVENUE	MILTON AVENUE	4043160732929	5310	121	-	182000
N	214	N. JERUSALEM RD.	BRUCE DR.	4042090733322	5402	8	-	92300
N	215	TODD DRIVE EAST	TODD DRIVE NORTH	4050170733740	530109	101	-	147000
N	216	JACKSON AVE.	DEVINE AVE.	4049130733015	5203	126	-	-
N	217	JACKSON AVE.	TEIBROOK AVENUE	4049120733007	521107	126	97500	67000
N	218	ARBOR ROAD	BELMONT CIRCLE	4048110733024	541105	108	76000	91500
N	219	GARY STREET	LINDA DRIVE	4042270733354	521112	8	89000	117000
N	220	WHEATLEY RD.	MORGAN DR.	4047390733532	650616	118	-	352000
N	221	VERNON STREET	ISLAND STREET	4046190732950	5403	122	-	262000
N	222	SEAMANS NECK RD.	PETER STREET	4042260732924	5310	46	-	101000
N	223	OLD COUNTRY RD.	FLORAL AVE.	4045500732931	5402	122	-	621000
N	224	SYRACUSE AVE.	WALTER AVE.	4042290732833	5401	110	-	132500
N	225	WANTAGH AVE.	REGENT LA.	4042390733009	5403	46	-	195200
N	226	BLOOMINGDALE RD.	SCOOTER LA.	4044380733026	561127	104	44000	52000
N	227	MELISSA PL.	NEWBRIDGE RD.	4041480733223	5403	32	-	66000
N	228	GLENBROOK RD.	NEWBRIDGE RD.	4045150733138	521124	104	209000	243000
N	229	SOUTHERN ST. PKY	OLD BRITON LANE	4042020733219	5403	32	-	194000
N	230	WALNUT STREET	CORT PLACE	4043180732747	5404	125	-	197000
N	231	BERRY HILL RD.	RENEE RD.	4050020732949	5407	126	-	125200
N	232	L.I.R.R.	TANNERS POND RD.	4043500734024	5306	14	-	-
N	233	MAGNOLIA DR.	HAWTHORNE ST.	4041470732830	521022	110	37000	39000
N	234	DIVISION AVE.	JERUSALEM AVE.	4045150733124	540729	104	-	-
N	235	BROADWAY	17TH STREET	4046420733211	5311	105	-	80300
N	236	W. CHESTNUT ST.	CEDAR STREET	4043240732715	5602	125	-	159400
N	237	KETCHUM RD.	CIRCLE DR.	4047150733035	530721	108	362000	322000
N	238	MILLER PL.	BIRCHWOOD PK. DR	4047260733055	530406	108	97000	199000
N	239	BLOOMINGDALE RD.	ALAN CREST DRIVE	4044510733025	530416	104	83000	136000
N	240	CARMANS RD.	SOUTHERN ST. PKY	4041590732558	530423	163	59000	60
N	241	COLD SPRING RD.	CROCUS DR.	4049380732950	521124	126	280000	360000
N	242	GUINEA WOODS RD.	NORTHERN ST. PKY	4045130733703	601118	118	-	-
N	243	ROBERT STREET	HAY PATH ROAD	4045520732732	541008	122	513000	519000
N	244	S.OYSTER BAY RD.	KEEN GATE	4047390732952	521205	126	506000	416000
N	245	BRIARCLIFF RD.	JERICHO TPKE.	4046290733354	520119	89	233000	236000
N	246	WANTAGH AVE.	DIANNE ST.	4043360732950	530420	25	136000	87000
N	247	BARKERS POINT RD	SOUNDVIEW LANE	4051030734325	5708	67	-	242000
N	248	MERRITT RD.	CLIFFORD DR.	4043420732723	540525	99	32500	36000
N	249	WANTAGH ST.PKY.	ALWOOD DR.	4043330733227	5507	8	-	60400
N	250	PROSPECT AVE.	BELLMORE AVE.	4042110733340	521125	8	132000	170000
N	251	BOUNDARY AVE.	MOHAWK DR.	4042440732847	5410	121	-	76900
N	252	HICKSVILLE RD.	GREENWOOD DR.	4042160732858	530506	110	55000	60000
N	253	HICKSVILLE RD.	QUEENS AVE.	4041450732847	5402	110	-	69500
N	254	SOUTHERN ST. PKY	AIKEN AVE.	4042060732909	521031	46	82000	82000
N	255	BETHPAGE ROAD	WILLET AVENUE	4046440733143	5407	104	-	410000
N	256	FALCON ST.	MARION DR.	4042350733145	531022	32	179000	140000
N	257	CARMANS ROAD	FORD DR. S.	4041310732549	5602	156	-	173000
N	258	COUNTY LINE RD.	CARMANS RD.	4042340732555	520112	125	53000	52600

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
N	204	4000	82000	84.0	80.5	70.5	57.0	4.1	1	3	1	1
N	205	30600	-	81.4	-	85.0	60.0	7.6	1	3	1	2
N	206	40200	-	171.0	-	158.0	58.0	21.7	1	1	3	1
N	207	34100	67400	67.5	65.5	56.5	42.0	34.4	1	1	1	1
N	208	-	40320	49.0	-	-	-	26.4			0	0
N	209	47900	60000	168.9	166.6	156.0	80.0	49.4	1	1	1	2
N	210	31900	53000	57.0	54.0	44.0	41.0	41.5	1	1	1	1
N	211	50800	-	64.0	-	47.2	42.0	40.6	1	1	1	1
N	212	60500	-	56.5	-	42.0	40.0	46.3	1	1	1	1
N	213	70000	-	79.0	-	66.0	52.0	28.7	1	1	1	2
N	214	29100	-	56.8	-	46.0	40.0	14.5	1	1	1	6
N	215	17000	53700	151.0	150.0	140.0	42.0	23.1	1	1	3	1
N	216	37400	52600	201.0	-	188.0	68.0	28.6	1	1	1	1
N	217	8500	16400	200.5	197.6	188.0	66.0	17.8	1	1	6	1
N	218	15300	34300	190.0	188.0	182.0	77.0	10.3	1	1	1	2
N	219	13600	25900	66.7	65.5	56.5	43.0	16.3	1	1	1	3
N	220	200000	-	62.5	-	52.0	41.0	55.4	1	1	1	3
N	221	56300	-	155.0	-	143.0	80.0	41.2	1	1	1	2
N	222	237000	-	60.5	-	52.0	41.0	15.9	1	1	1	2
N	223	113300	-	137.0	-	129.0	78.0	97.8	1	1	1	2
N	224	59800	-	61.2	-	50.0	40.0	20.9	1	1	1	1
N	225	43200	-	58.0	-	48.0	450.0	11.9	1	3	1	2
N	226	5200	12400	113.0	108.2	98.0	67.0	6.9	1	1	1	3
N	227	27700	-	52.5	-	42.0	34.0	4.0	1	3	1	3
N	228	30400	39400	129.5	127.9	118.3	72.0	32.9	1	1	1	2
N	229	42000	-	56.9	-	45.0	40.0	30.5	1	1	1	3
N	230	37300	-	57.5	-	47.0	50.0	31.0	1	1	1	1
N	231	31500	-	208.0	-	198.0	61.0	19.7	1	1	1	1
N	232	318000	474000	77.5	-	67.0	38.0	77.4	1	1	1	2
N	233	5500	20200	47.8	46.1	39.0	32.0	6.8	1	1	1	1
N	234	207000	275000	128.0	-	114.0	73.0	239.0	1	1	1	2
N	235	42800	-	151.0	-	136.5	77.0	12.6	1	1	1	2
N	236	28400	-	63.2	-	53.0	51.0	25.1	1	1	1	1
N	237	38600	60200	180.7	177.3	167.3	81.0	18.7	1	1	1	2
N	238	22700	35500	175.5	173.7	163.7	82.0	30.0	1	3	1	2
N	239	20100	32100	112.6	110.0	103.0	69.0	9.8	1	1	1	2
N	240	7200	17800	41.2	39.6	30.5	30.0	10.8	1	1	1	1
N	241	33600	40100	213.2	212.8	201.5	64.0	51.3	1	1	1	1
N	242	252300	354000	91.5	-	79.5	61.0	45.0	1	3	1	2
N	243	51900	108000	137.0	136.0	126.0	71.0	61.6	1	1	8	1
N	244	60900	81000	188.8	187.1	177.5	82.0	57.2	1	1	1	2
N	245	29900	39200	151.1	147.9	138.3	74.0	42.5	1	1	1	1
N	246	14100	22400	77.5	0.1	68.0	57.0	21.9	1	1	1	2
N	247	47300	-	29.0	-	18.0	10.0	38.1	1	1	3	3
N	248	4200	10100	68.0	66.5	58.0	51.0	15.0	1	1	1	1
N	249	21600	-	90.0	-	79.0	59.0	9.5	1	1	1	2
N	250	21400	32000	63.2	57.6	48.0	41.0	23.3	1	1	1	3
N	251	41000	-	56.5	-	55.5	41.0	12.1	1	1	1	3
N	252	10900	16800	51.6	50.2	44.4	40.0	10.0	1	1	1	3
N	253	24000	-	45.0	-	36.0	32.0	10.9	1	1	1	3
N	254	14100	22300	51.5	48.6	42.0	36.0	11.2	1	3	1	1
N	255	61600	-	158.6	-	146.0	78.0	64.5	1	1	1	2
N	256	19200	41600	56.3	56.3	49.0	46.0	28.2	1	1	1	1
N	257	41000	-	35.3	-	27.0	21.0	27.2	1	1	1	3
N	258	6000	16700	51.2	49.4	40.0	35.0	9.7	1	1	1	1

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER		NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY (cubic feet)
N	259	GUINEA WOODS RD.	MIDWOOD CR.	4048150733747	5612	53	-	-
N	260	MITCHELL AVENUE	SYDNEY STREET	4047020732843	530216	122	475000	1600000
N	261	PLAINVIEW RD.	HAY PATH RD.	4046100732823	530217	122	-	4157400
N	262	OLD COUNTRY RD.	GERHARD RD.	4046110732844	5710	122	-	828000
N	263	NORTHERN ST. PKY	JERICHO TPKE.	4045290733644	5505	89	-	96100
N	264	POWELLS LA.	BALDWIN DR.	4046020733434	530417	89	143000	145300
N	265	ROSE AVE.	HILLSIDE AVE.	4045240733656	530627	89	59000	115000
N	266	SEAMANS NECK RD.	JERUSALEM AVE.	4041360732935	530525	46	51200	54600
N	267	WANTAGH ST. PKWY	GATE LA.	4044180733236	521216	46	290000	380000
N	268	WANTAGH ST. PKWY	GATE LA.	4044180733236	521216	25	290000	380000
N	269	JERUSALEM AVE.	JAY ST.	4045020733103	5512	104	-	100500
N	270	JACKSON AVE.	IRA ROAD	4049290732959	521107	126	96000	106000
N	271	EDGEWOOD DR.	JERICHO TPKE.	4044440733934	530804	62	162500	183000
N	272	OLD COUNTRY ROAD	HYACINTH STREET	4045090733324	6305	8	-	-
N	273	KELL PLACE	CORDWOOD LANE	4042400732920	521006	110	68000	62000
N	274	GREENBRIAR LA.	SAWMILL RD.	4041200733211	530910	32	65500	62000
N	275	CONLON RD.	HAUSCH BLVD.	4041110733503	541220	37	191000	182000
N	276	HICKSVILLE ROAD	SOUTHERN ST. PKY	4041570732852	530910	110	182000	197000
N	277	PITTSBURG AVE.	PARK LANE	4041310732614	531215	111	424000	513700
N	278	BEATRICE LA.	CEDAR SWAMP RD.	4046200732719	600729	122	85500	93000
N	279	BETHPAGE ST.PKWY	CRESCENT DR.	4043410732805	541019	99	102000	101500
N	280	MAYFLOWER DR.	FORDHAM RD.	4045140733034	530914	104	59000	73500
N	281	TWANE ST.	HILL RD.	4044100732722	540908	99	67200	61000
N	282	RUTH CT.	SEAMANS NECK RD.	4041540732938	530914	46	72300	90000
N	283	SPLIT ROCK RD.	N.HEMPSTEAD TPK.	4050570733154	530904	119	500000	501000
N	284	COLONY LANE	S.OYSTER BAY RD.	4047560733028	551229	126	124000	124000
N	285	BRIARWOOD LA.	PLAINVIEW RD.	4046230732757	530914	122	224300	84500
N	286	BOUNDARY AVENUE	MERRITTS ROAD	4043030732742	530226	125	96000	94000
N	287	ALICIA DR.	CAMBRIDGE AVE.	4045590733451	531116	89	318600	331000
N	288	OLD MOTOR PKWY.	ROBBY LANE	4045470734049	530919	62	130000	300000
N	289	VISTA RD.	WILLIS AVE.	4046530733929	531028	83	67000	59000
N	290	BROADWAY	17TH ST.	4046330733230	520924	104	79000	95000
N	291	RUTH PL.	JANET AVE.	4041400733145	530119	32	52500	82000
N	292	CEDAR DRIVE SO.	OLD COURTHOUSE R	4045320734000	550627	62	-	38000
N	293	WOODLAND DR.	MIDDLE NECK RD.	4051230734248	531029	86	328000	387000
N	294	WOOLSEY AVE.	HARWOOD DR.	4052190733847	531104	100	152000	154000
N	295	MILLER PLACE	NORTHERN ST. PKY	4047140733054	530911	108	118000	145000
N	296	S.OYSTER BAY RD.	WOODBURY RD.	4047090732959	5709	104	-	1360000
N	297	PLAINVIEW RD.	CLEARWATER DR.	4046040732811	530612	122	115600	136500
N	298	FLORGATE RD.	HEMPSTEAD TPKE.	4043390732818	530608	99	220000	248000
N	299	IRIS LANE	BISMARK AVENUE	4041400733214	550421	32	79500	165500
N	300	CARMAN ROAD	WESTWOOD ROAD S.	4041110732603	530828	110	490000	350000
N	301	OLD COUNTRY ROAD	MAPLE COURT	4046220732911	5312	122	-	105000
N	302	OLD COUNTRY RD.	HOCHMAN BLVD.	4046400732904	560925	122	184000	129000
N	303	STAUBER DR.	CENTRAL PK. RD.	4046260732903	530113	122	61000	52000
N	304	WANTAGH AVENUE	HEMPSTEAD TPKE.	4043460732948	590817	25	123000	121000
N	305	HEMPSTEAD TPKE.	HICKSVILLE ROAD	4043360732925	5512	25	-	257000
N	306	AVERY ROAD	JERICHO TURNPIKE	4049110732711	540310	128	254000	309000
N	307	INTERVALE	WARNER AVENUE	4047240733925	540511	81	90000	80000
N	308	DIANAS TRAIL	THE TULIPS	4047160733935	540517	81	117000	136000
N	309	SYOSSET-WOODBURY	L.I.R.R.	4049330732924	540428	126	400000	430000
N	310	WHITMAN AVENUE	HICKS AVENUE	4048140732952	5506	108	-	310000
N	311	GLEN COVE ROAD	NORTHERN BLVD.	4048360733731	540621	103	296000	325000
N	312	FARMERS AVE	STEWART AVE	4045370732902	540419	92	532000	714000
N	313	VINCENT ROAD	KETCHAM AVENUE	4046580733050	540427	104	260000	275000

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square	BASIN AREA feet)	ALTITUDE RIM	OVER-FLOW	BOT-TOM	WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
N	259	37600	40000	193.0	-	185.4	48.0	6.5	1	1	3	1
N	260	-	-	124.0	122.6	116.0	81.0	65.0	1	1	1	2
N	261	495000	780000	128.7	-	107.0	76.0	654.5	0	1	8	1
N	262	110700	-	128.0	-	109.0	71.0	130.3	0	1	0	0
N	263	21100	-	109.0	-	97.0	64.0	15.1	1	1	1	2
N	264	13300	29300	130.0	225.0	118.8	72.0	19.6	1	1	1	1
N	265	15900	27300	97.8	96.8	88.0	63.0	8.1	1	1	1	2
N	266	7000	16000	43.0	41.8	-	31.0	7.0	1	0	1	1
N	267	47700	68000	105.5	100.4	91.0	66.0	54.5	1	1	1	2
N	268	47700	68000	105.5	100.4	91.0	66.0	54.5	1	1	1	2
N	269	22700	-	125.0	-	112.6	71.0	15.8	0	1	1	2
N	270	13900	21400	213.0	211.8	203.0	65.0	17.6	1	1	6	1
N	271	22300	42700	103.0	102.6	93.0	47.0	29.1	1	1	1	1
N	272	-	854000	117.0	-	-	72.0	472.2	1	1	1	2
N	273	8600	19100	65.6	63.3	53.7	44.0	9.5	1	1	1	1
N	274	10110	20400	40.7	39.5	33.0	27.0	9.0	1	1	1	1
N	275	20500	30000	46.5	44.7	34.5	26.0	26.2	0	1	1	1
N	276	40200	64000	46.3	45.0	40.0	35.0	24.8	1	1	1	1
N	277	78600	104200	35.0	33.4	26.0	21.0	58.2	1	1	1	1
N	278	11700	25200	184.2	181.5	171.5	75.0	11.7	1	1	8	1
N	279	12500	20200	68.5	67.5	58.5	60.0	13.9	1	3	1	1
N	280	8700	14400	129.5	126.6	117.5	73.0	7.8	1	1	1	2
N	281	9500	33600	81.3	79.4	73.0	50.0	13.1	1	1	1	1
N	282	19000	36100	45.6	43.0	38.0	34.0	9.8	1	1	1	1
N	283	71900	157000	130.0	128.2	120.0	55.0	69.5	1	1	3	3
N	284	15200	27500	186.5	184.0	175.0	81.0	34.5	1	1	1	2
N	285	50200	71500	143.0	141.5	134.5	78.0	30.5	1	1	8	1
N	286	14800	29500	65.0	63.5	55.8	48.0	13.2	1	1	1	3
N	287	33100	67200	123.0	119.3	109.3	72.0	19.5	1	3	1	1
N	288	22700	49000	170.0	163.7	150.0	38.0	17.7	0	1	6	1
N	289	8500	25500	151.0	150.8	143.0	44.0	12.2	0	1	1	1
N	290	9500	19000	147.4	145.6	136.5	7.6	14.5	1	3	1	2
N	291	10000	26500	45.5	45.9	36.0	30.0	7.2	1	1	1	3
N	292	3800	16500	114.0	117.0	107.0	79.0	6.0	0	1	1	2
N	293	44800	76000	59.5	57.0	47.0	17.0	51.6	1	1	2	1
N	294	16500	37800	95.0	94.0	83.0	12.0	20.9	1	1	3	1
N	295	15600	30400	179.5	177.7	167.7	80.0	16.2	1	1	1	2
N	296	167900	-	178.0	-	163.5	82.0	214.1	1	1	1	2
N	297	13700	36000	144.0	144.0	-	76.0	18.5	1	0	8	1
N	298	29000	38800	78.4	77.7	67.0	57.0	30.3	1	3	1	1
N	299	12600	25200	48.5	46.4	38.4	30.0	10.9	1	1	1	1
N	300	36100	76200	32.0	27.7	20.5	17.0	67.3	0	1	1	3
N	301	27600	-	152.2	-	141.0	80.0	6.4	1	3	1	2
N	302	13400	25100	148.0	146.6	137.0	80.0	25.0	1	1	1	2
N	303	57700	148000	145.0	141.0	132.0	80.0	8.4	1	1	1	2
N	304	16500	30300	81.0	78.9	70.0	59.0	19.4	1	1	1	2
N	305	36900	-	87.0	-	76.0	57.0	40.5	1	1	1	2
N	306	46000	62000	245.7	247.9	240.5	65.0	35.0	1	3	6	1
N	307	11500	41400	236.0	229.5	222.0	45.0	12.2	0	1	4	1
N	308	14600	65500	197.0	195.0	185.0	45.0	16.0	0	1	4	1
N	309	57700	77200	219.0	216.7	209.0	65.0	54.0	1	3	1	1
N	310	39200	-	204.4	-	190.5	77.0	48.8	1	1	1	2
N	311	37900	69700	117.4	114.1	104.5	47.0	40.6	1	1	3	1
N	312	76300	107000	132.7	30.7	120.5	78.0	73.0	1	1	1	2
N	313	36400	61000	173.5	170.8	162.0	81.0	35.7	1	1	1	2

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
N 314	PUTNAM AVENUE	BRIAR PLACE	4041420733334	540224	33	130000	179000
N 315	LINDEN AVE	OAK STREET	4044470733440	5512	89	-	-
N 316	STEPHEN DR	SAXON RD	4042400732556	540524	125	90000	234000
N 317	DUNNHILL RD	SEAMANS NECK RD	4042070732942	540507	46	58000	44000
N 318	PASADENA RD	OLD COUNTRY RD	4046220732920	530902	122	346000	375000
N 319	PLAINVIEW RD	HAY PATH RD	4045460732823	540330	122	233000	216700
N 320	BERKLEY LANE	AVON COURT	4047320733030	540421	108	258000	250400
N 321	CEDAR ROAD	PINE TREE ROAD	4046010733327	5509	70	-	290000
N 322	NORTHERN ST. PKY	RHODODENDRON DR.	4045460733530	540225	89	196000	229000
N 323	TERRY LA.	KAY AVE.	4047020733127	541001	104	282000	290000
N 324	NOTTINGHILL DR.	JERUSALEM AVE.	4041320732818	540225	110	169000	144800
N 325	CEIL PLACE	JEAN AVENUE	4044050732929	540621	92	109000	120000
N 326	JERICHO TPKE.	SIMPSON ST.	4047050733237	5504	105	-	-
N 327	SEARINGTON RD.	NORTHERN BLVD.	4047390733954	660321	81	-	16100
N 328	DIEMAN LANE	PATTI DRIVE	4042150733350	540122	8	440000	455000
N 329	LITTLE NECK RD.	LOCUST AVE.	4041560733219	551212	32	282300	288000
N 330	GERHARD ROAD	HAY PATH ROAD	4046040732839	531013	92	302000	352000
N 331	BOUNDARY AVE.	HICKSVILLE RD.	4043030732759	5511	92	-	113000
N 332	MAPLE DR.	ELM ST.	4049240732735	650301	128	160000	186000
N 333	SEAMANS NECK RD.	NEW ROAD	4042100732930	550831	46	188000	301000
N 334	BIRCHWOOD PK.DR.	VILLAGE DRIVE	4047130733157	541103	105	2100000	2207000
N 335	ALKEN AVENUE	BAYBERRY LANE	4041450732934	541027	46	75000	107000
N 336	WOODBURY RD.	CORONET LA.	4047130732929	520204	122	130000	130000
N 337	DUCK POND RD.	BROOKVILLE RD.	4051540733606	540511	100	638000	795000
N 338	CANTERBURY RD.	WREN DR.	4047460732857	540910	128	262000	280000
N 339	GREENWICH AVE.	SOUTHERN ST. PKY	4041240733450	540528	37	-	133500
N 340	BETHPAGE RD.	HAY PATH RD.	4045580732721	531208	116	252000	238000
N 341	REESE PL.	MERRITTS RD.	4043080732735	531203	125	-	84000
N 342	PRESTON LANE	LINDA LANE	4048130733041	5606	108	-	164000
N 343	RHODES AVENUE	SHADY STREET	4042520733627	550201	44	46000	43000
N 344	ROBBINS LANE	AERIAL WAY	4048010733113	541124	108	368000	404000
N 345	STEPHEN LANE	MARCI LEE DR. N.	4046460733912	541115	87	460000	458000
N 346	ELAINE ST.	CENTRAL PARK RD.	4046440732837	551114	122	-	1314000
N 347	JAMAICA AVE.	OAK ST.	4046530732928	540421	122	290000	302000
N 348	HICKORY DR.	PINE DR.	4049340732722	560813	128	216000	248000
N 349	MOTTS COVE RD. N	ENGINEERS ROAD	4049130733811	531013	123	136000	145000
N 350	L.I.R.R.	OAKDALE BLVD.	4044140732615	540526	99	-	-
N 351	KIEFER AVE.	BENSON AVE.	4042020734157	561213	10	-	-
N 352	MAPLE AVENUE	NOSTRAND AVENUE	4042500733338	521128	8	-	-
N 353	MAPLE AVENUE	NOSTRAND AVENUE	4042530733355	521128	8	-	-
N 354	PLAINVIEW RD.	HAY PATH ROAD	4045440732830	541018	92	153000	165000
N 355	CARROLL ST.	SAW MILL RD.	4041070733131	550228	32	121000	124000
N 356	ZISKA AVENUE	17TH STREET	4046490733207	550825	105	675000	739000
N 357	15th. ST.	HUS PLACE	4048400733205	550202	104	650000	672000
N 358	BIRCHWOOD PK.DR.	MAYTIME DRIVE	4047310733108	550406	108	1250000	1165000
N 359	VISTA ROAD	AVERY LANE	4047170732919	550405	122	555000	855000
N 360	WHITE BIRCH LA.	HICKSVILLE RD.	4047060733121	550524	104	265000	315000
N 361	AERIAL WAY	ROBBINS LANE	4047590733102	550706	108	234000	236000
N 362	BERRY HILL ROAD	PARK AVENUE	4051510733153	550420	119	-	256000
N 363	N. JERUSALEM RD.	BELLMORE ROAD	4042260733145	56900	32	-	18100
N 364	ROSE ST.	VIOLET ST.	4042030732613	53722	110	99000	87300
N 365	GREENTREE CIRCLE	JERICHO TURNPIKE	4046320733412	550303	118	67000	77000
N 366	SANDS POINT ROAD	BARKERS POINT RD	4050500734315	561200	86	-	142000
N 367	WASHINGTON AVE.	WESTBURY DRIVE	4044520733409	550712	42	280000	282000
N 368	CARMANS RD.	SOUTHERN ST. PKY	4042140732658	550701	110	140000	113700

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA	ALTITUDE RIM	OVER-FLOW	BOT-TOM	WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
N	314	207000	37500	53.4	48.9	39.0	33.0	17.7	1	1	1	3
N	315	206000	427000	97.4	-	84.5	68.0	295.2	1	1	1	2
N	316	28700	38900	52.4	51.7	42.5	39.0	12.0	1	1	1	3
N	317	7400	16800	51.5	49.9	43.5	40.0	7.9	1	1	1	1
N	318	42300	64000	154.5	152.6	142.6	80.0	47.6	1	1	1	2
N	319	24000	53600	114.1	112.6	102.6	75.0	32.0	0	1	8	1
N	320	30700	57200	190.5	187.4	178.0	82.0	15.8	1	3	1	2
N	321	56500	-	141.5	-	129.5	75.0	45.7	1	1	1	1
N	322	27900	38700	122.5	122.8	112.8	71.0	25.0	1	1	1	1
N	323	29500	62600	158.6	159.3	149.5	79.0	38.8	1	1	1	2
N	324	33500	66000	37.5	35.7	31.5	19.0	27.0	1	1	1	1
N	325	12800	30800	99.5	96.2	85.7	61.0	15.0	1	1	1	1
N	326	39100	47100	167.7	-	150.0	75.0	4.1	0	1	1	2
N	327	16600	-	173.5	-	158.0	41.0	2.5	1	1	4	1
N	328	43700	85000	61.0	59.4	48.8	40.0	20.0	1	1	1	1
N	329	57600	86600	55.0	50.0	45.0	37.0	38.9	1	1	1	3
N	330	39700	81000	120.4	118.3	108.3	74.0	47.5	0	1	8	1
N	331	28800	-	72.4	-	60.5	50.0	17.8	1	1	1	3
N	332	22700	75000	250.0	248.7	239.2	41.0	22.0	0	1	1	1
N	333	41500	81800	54.1	52.0	43.5	40.0	29.1	1	1	1	1
N	334	124000	380000	165.2	171.8	154.0	78.0	128.6	1	3	1	1
N	335	14600	36900	46.7	45.3	38.0	33.0	10.4	1	1	1	1
N	336	17200	35700	178.0	175.0	167.0	82.0	18.0	1	1	1	2
N	337	44000	115000	123.0	120.0	106.0	60.0	8.8	0	4	3	1
N	338	28000	78000	186.0	181.0	171.0	81.0	41.2	1	1	1	2
N	339	63800	-	42.0	-	35.0	28.0	8.2	1	4	1	1
N	340	28400	45000	151.5	148.6	139.0	71.0	34.0	0	1	8	2
N	341	15100	22400	55.8	54.8	47.7	41.0	5.1	1	3	1	3
N	342	48500	-	196.0	-	183.9	77.0	25.8	1	1	1	2
N	343	5700	16900	76.0	75.0	65.0	43.0	16.7	1	1	1	2
N	344	45500	68700	189.0	187.0	177.0	78.0	50.0	0	1	1	1
N	345	35100	98000	119.4	117.0	107.0	48.0	36.1	1	3	1	1
N	346	150800	193000	140.6	135.5	128.0	80.0	206.8	1	1	1	1
N	347	33800	120000	168.0	166.6	156.5	81.0	45.7	1	1	1	2
N	348	42200	91500	231.3	229.7	221.0	63.0	29.5	0	1	6	1
N	349	15600	44000	68.0	64.6	54.0	25.0	21.4	0	1	3	1
N	350	11400	17600	75.0	-	100.0	55.0	77.5	1	1	1	1
N	351	27200	45000	55.7	50.6	38.0	16.0	74.8	0	1	1	1
N	352	64800	84300	65.9	63.5	53.5	49.0	287.3	1	1	1	2
N	353	63800	86000	67.7	64.4	54.0	49.0	287.3	1	1	1	2
N	354	20100	31900	112.6	110.5	101.0	75.0	20.9	0	1	1	2
N	355	26500	81600	37.3	135.4	30.6	20.0	14.4	1	1	1	3
N	356	87400	132000	149.8	148.0	138.5	77.0	123.0	1	1	1	2
N	357	65900	122000	147.0	145.4	135.0	77.0	118.5	1	1	1	2
N	358	116500	333300	179.0	173.0	163.0	78.0	76.5	1	3	1	2
N	359	106100	111000	168.0	165.0	156.0	82.0	75.5	1	1	1	2
N	360	34900	58000	162.5	161.0	151.0	80.0	36.3	1	1	1	2
N	361	26900	39300	184.0	183.5	173.5	77.0	18.3	1	1	1	1
N	362	32000	94000	54.0	54.0	42.0	65.0	22.0	0	4	3	3
N	363	15600	-	53.5	-	49.0	44.0	1.1	1	3	1	1
N	364	24000	37000	40.2	38.1	34.5	30.0	13.6	1	1	1	1
N	365	9200	22100	148.1	147.5	136.5	74.0	8.2	1	4	1	1
N	366	85900	-	43.0	-	31.0	9.0	22.4	1	1	3	1
N	367	47200	59500	109.5	106.2	97.5	69.0	40.4	1	4	1	2
N	368	22900	34000	44 5	42.0	36.0	30.0	19.2	1	1	1	1

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
N 369	PLAINVIEW RD.	JERICHO TPKE.	4048350732705	5610	128	-	187000
N 370	WASHINGTON AVE.	MANETTO HILL RD.	4046520732756	540819	122	62000	172000
N 371	MILLER PLACE	NORTHERN ST. PKY	4047320733051	551027	108	84000	85100
N 372	OLD COUNTRY RD.	ROUND SWAMP RD.	4046580732650	560420	122	5398000	5220000
N 373	SCHULTZ ST.	JOHN ST.	4046150733330	560425	104	-	77000
N 374	HAMPSHIRE DR.	L.I.R.R.	4043550732740	560423	99	137000	139000
N 375	JERICHO TPKE.	ORCHARD DR.	4046350733053	6501	128	-	235000
N 376	S.OYSTER BAY RD.	L.I.R.R.	4045200733006	570626	104	-	-
N 377	MELANIE LANE	CARY STREET	4048160732946	550707	108	189000	187000
N 378	CAROL DR.	PLAINVIEW RD.	4048300732822	560301	92	86500	83700
N 379	ROSLYN ROAD	CHARLES STREET	4045170733809	6109	68	-	-
N 380	RICHFIELD ST.	PLAINVIEW RD.	4047410732844	551219	122	155000	161000
N 381	DOSORIS LA.	NEW WOODS RD.	4052450733747	550920	100	78000	71000
N 382	WEST PARK DRIVE	HAY PATH ROAD	4045370732754	550524	116	392500	468000
N 383	HAY PATH ROAD	PLAINVIEW RD.	4045470732744	5710	92	-	224000
N 384	GREENVILLE LA.	BEECHWOOD DR.	4048120733750	560606	53	850000	1041000
N 385	OAKFIELD AVE.	JERUSALEM RD.	4042120733157	561213	32	-	840000
N 386	TULIP AVE.	ANTHONY LA.	4042060732614	560610	110	397000	330000
N 387	FRANKLIN AVE.	FOREST AVE.	4052070733721	570701	100	-	-
N 388	PLAINVIEW RD.	SHADOW LANE	4048260732712	580623	128	400000	378000
N 389	WOODBURY ROAD	ASHFORD DRIVE	4047450732928	560424	122	109000	189000
N 390	WALNUT ST.	BROADWAY	4042000732832	540819	110	-	-
N 391	N. UTICA AVENUE	N. BAY AVENUE	4042300732800	570315	110	-	-
N 392	THOMAS AVE.	13TH ST.	4045010732940	550103	92	-	-
N 393	CENTRAL AVE.	JERUSALEM AVE.	4041350732811	570315	110	-	-
N 394	RUTHERFORD AVE.	N. CENTRAL DRIVE	4042240732813	570315	110	-	-
N 395	EDGEMERE DR.	SEARINGTOWN RD.	4046320733959	541217	87	124000	135000
N 396	SYOS-COLD SPR.RD	S.WOODS ROAD	4050060732912	560528	128	-	685000
N 397	NEW YORK DRIVE	E.UTICA AVE.	4042290732728	5912	110	-	-
N 398	WOODWARD DR.	WISCONSIN AVE.	4042430732817	591230	110	-	-
N 399	MICHIGAN AVE.	BROADWAY	4042410732751	5705	110	-	-
N 400	NORTHERN PARKWAY	OAK DRIVE	4047050732933	550921	122	152000	167000
N 401	GLENWOOD ROAD	SCUDDERS LANE	4049260733836	5709	123	-	-
N 402	MEAD AVE.	STEWART AVE.	4044540732904	-	92	-	-
N 403	MEADOWFIELD LA.	FOREST AVE.	4052360733652	590125	100	-	-
N 404	LAUREL HILL DR.	HIGHWOOD DR.	4051130733139	560820	98	230000	395000
N 405	CENTRAL PK. RD.	PLAINVIEW RD.	4047240732856	561010	122	4650000	508000
N 406	COLD SP.HARB.RD.	WOODS RD.	4050100732914	570502	126	1002000	850000
N 407	ROUND SWAMP ROAD	HAY PATH ROAD	4046050732712	570731	116	108000	184200
N 408	WEBSTER AVENUE	BROOKWOLD DRIVE	4048080734148	58	76	-	-
N 409	ROUND SWAMP RD.	FARRAGUT RD.	4046110732707	570429	116	164700	109500
N 410	HELEN RD.	VIOLA DR.	4051540733613	570619	100	85000	78000
N 411	CHESTNUT DRIVE	LAWN DRIVE	4048100733813	560403	53	460000	428000
N 412	W.DELORES LA.	IVY CT.	4044340733006	560402	92	168000	188000
N 413	JOHN STREET	KUHL AVENUE	4045590733240	590713	104	-	-
N 414	GERARD AVE.	NEW HYDE PK. RD.	4045100734129	580314	71	-	-
N 415	SHELTER ROCK RD.	EAST STREET	4045370733958	560813	62	384000	427000
N 416	LINDEN LA.	CHAPEL GATE	4050040733453	530529	127	-	147000
N 417	SUNNYSIDE LANE	ROBBINS LANE	4046090733315	580811	104	415000	343000
N 418	PLAINVIEW RD.	SARAH DR.	4045350732802	570702	116	130000	141900
N 419	FULTON PLACE	ROCKLAND DRIVE	4046330733238	571126	105	1180000	1352000
N 420	SINGWORTH ST.	SOUNDVIEW AVE	4051280733142	581229	119	277000	269000
N 421	ORCHARD DRIVE	MAPLE WAY	4048410732728	591221	128	181000	178000
N 422	MILL RIVER ROAD	LAWN LANE	4051030733234	591116	127	580000	538000
N 423	PARKWAY DR.	PLAINVIEW RD.	4046050732754	551011	122	77000	75000

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
N	369	49300	-	277.0	-	265.5	71.0	29.4	1	1	6	1
N	370	18000	39500	157.0	156.0	146.5	77.0	8.6	0	1	1	1
N	371	7200	19800	190.0	176.5	166.5	82.0	11.5	1	1	1	2
N	372	140000	450000	174.0	174.0	159.0	74.0	849.7	1	1	1	1
N	373	9200	23400	149.1	147.0	137.0	74.0	12.1	1	1	1	1
N	374	15700	37800	85.0	84.0	73.0	50.0	25.0	1	1	1	1
N	375	59500	61000	271.0	-	258.5	81.0	37.0	0	1	1	2
N	376	78800	124200	127.1	-	116.0	73.0	169.7	1	1	1	2
N	377	21000	358000	205.2	201.5	191.5	75.0	90.0	1	1	1	2
N	378	10400	17500	80.0	79.0	70.0	58.0	11.8	1	1	1	6
N	379	26300	34600	102.6	-	9.0	54.0	-	1	1	1	2
N	380	19000	45000	185.2	179.5	171.0	80.0	24.4	1	1	1	2
N	381	8000	24000	122.5	121.0	111.0	41.0	10.7	1	1	1	1
N	382	47000	75000	126.0	126.0	116.0	71.0	54.0	1	1	8	3
N	383	65500	-	133.0	-	121.2	70.0	35.3	1	1	8	2
N	384	104100	175000	200.0	198.0	188.0	48.0	80.0	1	1	3	1
N	385	250100	350500	52.6	52.0	44.8	41.0	132.2	1	1	1	1
N	386	71500	106000	41.0	39.7	35.0	29.0	29.8	1	1	1	1
N	387	9000	27800	108.0	-	90.0	56.0	-	1	4	3	1
N	388	38800	79700	275.0	270.0	260.0	70.0	34.8	1	1	8	1
N	389	20100	38900	188.9	186.2	176.6	82.0	15.5	1	1	1	2
N	390	51400	85000	46.0	-	34.0	31.0	-	1	1	1	3
N	391	37900	62200	56.2	-	-	39.0	72.3	1	1	1	3
N	392	104000	137400	115.0	-	103.0	70.0	-	1	1	1	2
N	393	150000	186000	39.6	-	32.0	27.0	151.5	1	1	1	1
N	394	57200	83400	57.7	-	46.5	38.0	82.0	1	1	1	1
N	395	20900	44200	153.5	143.0	135.0	44.0	17.0	1	1	1	1
N	396	57000	121000	209.8	209.8	197.8	60.0	41.9	1	3	1	1
N	397	106500	170000	53.0	-	41.0	38.0	-	1	1	1	3
N	398	40800	68000	39.6	-	32.0	36.0	-	1	1	1	1
N	399	40800	68000	62.0	-	50.0	41.0	-	1	1	1	1
N	400	20500	39500	175.0	173.1	163.5	82.0	27.9	1	1	1	3
N	401	-	31000	23.0	-	13.0	2.0	20.5	0	1	3	3
N	402	40800	60400	113.2	-	101.0	58.0	-	1	1	1	1
N	403	-	-	90.0	-	-	45.0	33.0	0	1	3	1
N	404	40400	58100	197.7	196.0	186.0	52.0	30.0	0	1	3	1
N	405	54600	101000	169.1	167.0	157.5	80.0	57.1	1	1	1	2
N	406	82500	126000	213.5	209.6	198.0	59.0	95.0	1	1	1	1
N	407	22900	36000	155.8	154.2	144.5	70.0	14.9	0	1	8	3
N	408	68100	204000	58.5	53.5	46.0	30.0	-	1	1	3	1
N	409	14000	34900	161.4	160.2	151.0	70.0	28.4	1	3	8	3
N	410	9700	22100	136.1	137.6	128.0	59.0	11.3	0	4	3	1
N	411	49500	94400	198.5	197.5	188.5	58.0	40.0	0	1	4	1
N	412	21900	57000	107.1	105.7	96.1	66.0	23.2	1	1	1	2
N	413	182000	540000	131.0	-	111.0	75.0	44.1	1	1	1	2
N	414	49800	81000	120.0	-	94.0	36.0	66.1	0	1	1	1
N	415	76200	92000	123.5	118.0	112.4	41.0	53.0	1	1	1	1
N	416	15000	41600	168.0	162.8	153.0	65.0	23.1	1	1	3	3
N	417	55400	81000	147.0	139.9	133.0	75.0	46.0	1	1	1	1
N	418	17200	33700	120.5	198.4	108.9	71.0	17.8	1	1	8	3
N	419	135100	188000	150.4	148.0	138.0	75.0	162.0	1	3	1	2
N	420	79600	69600	169.0	167.0	157.0	49.0	38.0	0	1	3	3
N	421	20000	42000	295.3	293.5	283.5	70.0	27.7	1	1	6	1
N	422	61000	102000	150.0	147.8	137.8	55.0	80.0	1	1	3	1
N	423	71000	29700	161.0	160.0	150.0	70.0	10.5	1	1	8	3

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER		NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
N	424	MARGINAL ROAD	KEY PLACE	4047050733216	560606	105	374000	441000
N	425	SOUTHWOODS ROAD	SEARINGTON DRIVE	4049360732857	570809	126	187000	192000
N	426	L.I.E.	RITA ST.	4047590732937	600229	126	248800	367000
N	427	JERICHO TPKE	CEDAR ST.	4048180732931	590430	126	202000	203000
N	428	KALDA LANE	OLD COUNTRY ROAD	4046310732852	581015	122	88000	120000
N	429	MICHAEL DRIVE	EILEEN WAY	4048060733101	550711	108	1069000	1275000
N	430	WENWOOD DR.	CEDAR SWAMP RD.	4048050733346	570513	93	607000	604000
N	431	HARBOR HILL RD.	GUINEA WOODS RD.	4047430733754	560706	53	1090000	1060000
N	432	MIMOSA DR.	HARBOR HILL RD.	4047430733837	590303	53	275000	311000
N	433	WHEATLEY ROAD	POST ROAD	4047470733513	541013	118	670000	71600
N	434	HOLLY LA.	JERICHO TPKE.	4047480733154	580520	105	305000	294000
N	435	TERMINAL DRIVE	SUNNYSIDE BLVD.	4047280732810	590313	122	552000	606000
N	436	PRESCOTT PL.	ROUND SWAMP RD.	4046150732726	590414	116	291000	307000
N	437	BLOOMINGDALE RD.	BROADWAY	4044380733019	560510	104	-	-
N	438	WOODBURY RD.	GLORIA DR.	4048030732901	590810	128	145000	151000
N	439	COOLIDGE DR.	ALBERMARLE AVE.	4043060733407	590407	8	336000	288000
N	440	LEANORE DRIVE	DANIEL DRIVE	4042540732558	600627	125	81500	80800
N	441	BARRY LANE	ROUND SWAMP ROAD	4045170732718	591023	116	268000	262000
N	442	JUNEAU BOULEVARD	BEAUFORT LANE	4048350732746	590219	128	382000	440000
N	443	KODIAK DRIVE	HEADLEY WAY	4048170732735	590219	128	277000	271000
N	444	LINDSAY ST.	PLEASANT AVE.	4047430732832	600329	122	125000	108000
N	445	CLAREMONT ROAD	ROUND SWAMP ROAD	4045290732737	591214	116	65000	63600
N	446	EVELYN DR.	PLAINVIEW RD.	4045350732820	590903	116	123000	124000
N	447	ROUND SWAMP ROAD	OLD COUNTRY ROAD	4046400732644	611218	116	71600	68000
N	448	FOX LANE	JERICHO TPKE.	4047550733136	591214	105	266000	254000
N	449	PRIVATE LA.	SPLIT ROCK RD.	4049490733027	590319	126	-	322000
N	450	NEWTOWN ROAD	NEWTOWN PLAZA	4046520732706	640217	122	1249000	1311000
N	451	WINDHORST AVE.	BROADWAY	4043390732837	600621	92	51000	77400
N	452	MEADOWBROOK PKWY	1ST. ST.	4044000733533	600621	14	88600	90700
N	453	WASHINGTON AVE.	L.I.E.	4047090732738	620423	122	252000	251000
N	454	ROXTON RD.	WOODBURY RD.	4047320732932	600203	128	70000	90000
N	455	BETHPAGE RD.	CLINTON LA.	4046500733111	621231	104	115900	115600
N	456	JUNEAU BLVD.	BERING COURT	4048110732748	600201	128	280000	423000
N	457	FAMS COURT	CANTIAGUE ROCK R	4046280733310	600322	105	126000	79000
N	458	CORNELL PL.	BETHPAGE ST. PKY	4043260732805	590311	125	373000	150000
N	459	DOGWOOD ROAD	PARKVIEW DRIVE	4046210733938	580224	87	-	650000
N	460	BASIN ST.	S. TERMINAL DR.	4047150732806	600920	122	1040000	1270000
N	461	FAIRWAY DRIVE	ROUND SWAMP ROAD	4045390732726	650412	116	112500	116000
N	462	MARCUS AVE.	MEADOW FARM ROAD	4045180734051	600322	71	634000	627000
N	463	OLD COURT HOUSE	MONTEREY DRIVE	4046190734015	6307	71	-	240000
N	464	WASHINGTON AVE.	SORGI COURT	4047480732718	600526	122	284000	338600
N	465	HORSE HOLLOW RD.	BIRCH HILL RD.	4053190733546	610512	106	-	-
N	466	RUSSELL PARK RD.	ROBBINS LANE	4048140733131	610124	108	46500	63000
N	467	L.I.R.R.	MERRITTS ROAD	4043560732719	6307	99	-	-
N	468	I.U. WILLETS RD.	SEARINGTOWN ROAD	4046110733932	650213	87	-	-
N	469	ALEX LANE	VALENTINE AVENUE	4050540733741	401108	100	-	38500
N	470	APPLEGREEN DRIVE	WHEATLEY ROAD	4047270733617	611101	118	164000	156000
N	471	CONLON RD.	CLINTON AVE.	4041060733510	620420	37	-	-
N	472	MADISON AVE.	ROCKLAND DR.	4046320733305	590819	105	650000	530000
N	473	WASHINGTON AVE.	L.I.E.	4047310732725	620509	122	275000	273800
N	474	WOODBURY ROAD	JERICHO TPKE	4049340732759	631125	128	1416000	1716000
N	475	WASHINGTON AVE.	NORTHERN ST. PKY	4048160732707	620511	122	112500	127800
N	476	DOGWOOD HILL RD.	WHEATLEY RD.	4049020733356	620608	93	220000	281000
N	477	BOUNDARY AVE.	STEWART AVE.	4042590732855	541014	121	615000	431000
N	478	COLGATE DRIVE	HARVARD DRIVE	4048000732731	620412	122	545000	585500

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
N	424	48400	75000	164.0	161.0	151.5	75.0	58.9	1	1	1	1
N	425	22800	56000	202.0	201.0	191.0	64.0	26.0	1	1	1	2
N	426	43600	77500	197.0	195.0	185.0	79.0	38.6	1	1	1	2
N	427	22100	40300	208.6	207.0	197.0	75.0	27.7	1	1	1	2
N	428	14000	32400	149.3	151.0	139.0	81.0	12.0	1	1	1	2
N	429	127200	190600	192.0	191.0	172.0	79.0	112.9	0	2	1	1
N	430	67700	130000	219.0	219.0	209.0	74.0	83.4	1	1	8	1
N	431	101800	28200	219.0	217.6	207.0	54.0	98.0	0	1	1	1
N	432	29700	78200	153.0	152.0	140.0	10.0	25.3	1	1	4	3
N	433	66300	110000	236.0	236.0	224.0	71.0	92.0	1	1	8	1
N	434	33000	60000	203.1	189.0	189.0	77.0	42.0	0	1	1	1
N	435	50500	98000	177.5	166.0	164.0	80.0	48.3	1	1	1	1
N	436	33900	68100	176.0	174.7	164.7	73.0	35.5	1	1	8	1
N	437	197000	256700	106.9	-	93.5	69.0	-	1	1	1	2
N	438	17800	43500	192.0	190.5	180.5	77.0	19.9	1	3	1	2
N	439	27700	55400	79.0	76.5	65.0	50.0	4.5	1	1	1	2
N	440	11100	26000	56.6	56.6	48.0	41.0	11.2	1	1	1	3
N	441	29800	77000	122.5	120.5	110.5	67.0	36.9	1	1	8	1
N	442	31100	67500	257.0	254.0	239.0	72.0	52.4	0	0	1	1
N	443	27300	62500	274.8	261.0	250.0	72.0	38.0	1	1	8	1
N	444	12600	34300	184.4	183.0	173.0	80.0	17.3	1	1	1	1
N	445	8200	22800	149.8	148.0	138.0	71.0	8.9	1	1	8	1
N	446	14900	33600	127.0	125.6	115.6	73.0	16.8	1	1	8	1
N	447	9200	25700	192.0	188.4	180.4	73.0	9.9	1	3	8	1
N	448	28400	55300	201.7	199.2	189.2	78.0	60.8	0	1	1	1
N	449	24300	49500	209.0	207.0	193.0	63.0	141.0	1	1	1	1
N	450	142300	-	180.0	160.7	148.7	77.0	98.3	1	1	1	1
N	451	8700	202000	86.3	86.3	76.3	55.0	7.0	0	1	1	1
N	452	12400	29000	91.3	89.7	79.7	57.0	7.0	1	4	1	2
N	453	23200	51200	171.2	168.0	158.0	77.0	27.7	1	3	1	1
N	454	11900	29000	181.0	179.7	169.7	81.0	9.4	1	1	1	2
N	455	14200	-	168.8	165.6	156.0	80.0	15.9	1	1	1	2
N	456	46700	128000	253.3	253.0	243.0	73.0	38.4	1	1	8	1
N	457	9600	37900	158.2	155.7	145.7	75.0	19.8	1	1	1	2
N	458	27900	50800	59.0	56.5	51.0	44.0	50.5	1	1	1	1
N	459	92900	104000	124.0	124.0	118.0	44.0	122.0	0	1	1	1
N	460	108300	230000	189.0	189.0	177.0	81.0	81.9	1	1	8	1
N	461	14700	34400	164.8	160.2	150.2	70.0	15.5	1	1	8	1
N	462	79000	-	107.5	102.0	92.0	38.0	99.8	1	1	1	1
N	463	58200	-	115.7	-	102.0	43.0	37.8	0	1	1	2
N	464	37800	56300	221.5	220.0	210.0	75.0	39.0	1	1	8	1
N	465	55600	236000	33.0	-	23.5	-	62.0	1	1	3	1
N	466	7600	25500	219.5	215.6	206.0	78.0	6.4	0	3	6	1
N	467	157000	213000	70.0	-	57.9	56.0	151.2	1	2	1	1
N	468	226000	297000	124.1	117.0	108.8	45.0	14.7	0	1	1	1
N	469	147700	-	115.0	-	104.0	46.0	2.4	1	4	3	1
N	470	5600	34100	176.0	178.0	168.0	63.0	25.3	1	1	1	1
N	471	49700	71800	47.4	-	34.0	47.4	102.8	1	1	1	1
N	472	53000	99000	157.5	152.0	142.6	75.0	80.6	1	1	1	2
N	473	28400	78500	209.3	203.0	192.0	77.0	30.2	0	1	8	1
N	474	122300	229000	143.3	140.0	126.0	62.0	193.4	0	1	1	1
N	475	14800	45800	263.6	261.0	251.0	72.0	12.5	0	1	8	1
N	476	28700	58000	228.0	214.0	203.0	73.0	88.5	1	1	4	1
N	477	40000	73000	63.0	61.8	50.0	46.0	84.2	1	3	1	3
N	478	63200	104000	245.0	236.0	228.0	75.0	60.0	0	1	8	1

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY (cubic feet)
N 479	GLEN LANE	OVERLOOK DRIVE	405044073280 4	591023	107	640000	744000
N 480	FAIRBANKS COURT	FAIRBANKS BLVD.	404832073280 3	6204	128	510000	555000
N 481	ACORN LANE	CHESTNUT DR.	404710073294 1	620411	122	95500	161000
N 482	WYNN COURT	MUTTONTOWN ROAD	404934073305 6	680714	115	203000	200000
N 483	GOULD STREET	EVERGREEN AVENUE	404433073403 1	6208	57	-	-
N 484	COLGATE LANE	WOODBURY ROAD	404820073285 9	630211	128	2033000	2021000
N 485	HARVARD DRIVE	BUCKNELL DRIVE	404807073272 8	640914	122	149600	149600
N 486	JEFFERSON AVE	NEWBRIDGE RD.	404511073315 6	590729	104	-	-
N 487	NEW LATTINGTOWN	DOSORIS LA.	405302073370 6	650202	100	162000	194300
N 488	PENNSYLVANIA AVE	PHILADELPHIA AVE	404047073263 4	530612	111	-	-
N 489	MASSACHUSSETS AV	OCEAN AVE.	404117073262 7	54	111	-	-
N 490	CYPRESS ST.	PACIFIC ST.	404141073263 7	540510	111	-	-
N 491	ILLINOIS AVE	OCEAN AVE.	404148073262 2	541013	111	-	-
N 492	SABINE ROAD	PALATINE COURT	405024073291 4	630731	126	168000	129000
N 493	MORRIS ROAD	HUNT PLACE	404309073283 3	630315	121	47200	71000
N 494	STEWART AVENUE	HEMPSTEAD TPKE	404337073285 5	670601	92	-	-
N 495	ARTHUR AVENUE	STEWART AVENUE	404354073285 0	65	92	-	412000
N 496	BETHPAGE RD.	BLUEBIRD LA.	404613073275 1	640903	122	64000	63000
N 497	HEMPSTEAD TPKE.	MAKOFSKE AVE.	404231073421 6	671217	10	-	-
N 498	FLOWER LA.	EAST VIEW AVE.	404134073294 1	640601	46	44000	54000
N 499	JERICHO-O.B.RD.	MUTTONTOWN ROAD	404929073313 9	640519	115	415000	416000
N 500	MAPLE STREET	BROOKLYN AVENUE	403928073371 1	650514	2	-	-
N 501	EDGE ROAD	E.NORWICH RD.	404900073314 4	540619	115	963000	973000
N 502	TARA DRIVE	GLEN COVE ROAD	404824073365 1	621203	53	435000	380000
N 503	N. HEMPSTEAD TPK	BERRY HILL ROAD	405018073301 7	760322	126	-	-
N 504	KRISTI LANE	COLGATE LANE	404831073285 0	671002	128	-	250000
N 505	POST ROAD	L.I.E.	404712073362 1	5808	89	-	-
N 506	BROADWOOD PL.	KIRKWOOD DR.	405230073370 8	650801	100	43600	84000
N 507	CEDAR SWAMP ROAD	N. HEMPSTEAD TPK	404923073345 4	650202	117	720400	850000
N 508	LINDEN LA.	JERICHO TPKE.	404601073353 5	730402	118	457000	425000
N 509	OLD HOUSE LA.	MIDDLE NECK RD.	405122073405 2	640717	86	668000	642000
N 512	ROLLING DRIVE	WHEATLEY ROAD	404846073345 7	641009	93	107000	1210000
N 513	OLD WESTBURY RD.	TERRACE CT.	404630073361 1	660120	118	78900	87000
N 514	FLAMINGO RD.	NORTHERN BLVD.	404835073370 4	650719	53	47800	46000
N 515	BERNICE DRIVE	BELLMORE ROAD	404253073315 5	640812	8	94000	88000
N 516	LINDEN LA.	DOGWOOD COVE	405013073345 7	690103	127	414000	425000
N 517	WOODLEA ROAD	CIRCLE ROAD	404934073314 4	600219	126	248000	306000
N 518	POST ROAD	L.I.E.	404702073353 0	560815	89	309000	224700
N 519	LAUREL LANE	COLD SP.HARB.RD.	405031073281 3	581118	107	718000	747600
N 520	CECELIA DR.	MUTTONTOWN RD.	404913073311 8	670922	115	363000	415000
N 521	BERRY HILL RD.	WOODLAND DR.	405126073310 6	711129	120	-	-
N 522	FOXHURST CRESENT	BERRY HILL RD.	405027073293 9	670620	115	322000	300000
N 523	CORY CT.	SPLIT ROCK RD.	405014073311 0	670718	126	560000	525000
N 526	JERICHO TPKE.	JUNEAU BLVD.	404859073274 0	670405	128	257000	266000
N 527	WOODHOLLOW COURT	MUTTONTOWN ROAD	404915073322 5	680515	115	176000	162000
N 528	ROUND SWAMP RD.	WINDING RD.	404545073264 9	630624	116	196000	199000
N 529	LEONARD ST.	JEROME DR.	404416073272 8	650527	99	72400	71500
N 530	SCUDDERS LA.	SHAUN RIDGE	404932073382 4	680129	102	108000	108000
N 531	FOXHUNT CRESCENT	BERRY HILL RD.	405012073293 1	680813	120	865000	865000
N 532	DORCHESTER DR.	MUTTONTOWN RD.	404937073333 2	670324	115	618600	587000
N 533	FOREST DR.	MIDDLE NECK RD.	405124073404 4	640717	86	191000	186000
N 534	YELLOW COTE RD.	N.HEMPSTEAD TPK.	405120073295 5	660311	120	363000	540000
N 535	WOODBURY RD.	YUKON RD.	404815073283 3	660319	128	621000	630000
N 536	OLD JERICHO TPKE	JERICHO TURNPIKE	404750073320 7	670302	105	333000	349000
N 537	HEMPSTEAD TPKE.	GLENN CURTISS BL	404305073351 5	6909	44	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER	MAX. AREA (square feet)	BASIN AREA (square feet)	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
N 479	80700	170000	192.0	190.0	180.0	45.0	70.1	1	1	4	1
N 480	62500	88100	234.5	231.0	221.0	72.0	28.5	1	1	1	1
N 481	18400	37000	178.4	176.5	166.1	82.0	13.0	1	1	1	2
N 482	21800	42700	220.5	220.5	209.0	66.0	28.0	1	1	1	1
N 483	66500	83000	77.2	-	64.0	41.0	-	1	1	1	1
N 484	138000	224000	198.0	195.5	183.5	75.5	187.0	1	1	1	1
N 485	15000	-	262.0	261.0	251.0	73.0	11.0	1	1	8	1
N 486	70500	115000	128.4	-	110.4	72.0	-	1	1	1	2
N 487	41100	98000	42.0	40.0	35.0	30.0	25.5	1	1	3	1
N 488	115200	150000	17.4	-	12.0	15.0	-	1	1	1	3
N 489	39100	63100	26.4	26.0	20.0	20.0	-	0	1	1	1
N 490	13300	43600	34.0	30.0	26.0	24.0	-	1	1	1	1
N 491	39800	57300	34.5	34.5	29.5	25.0	-	1	1	1	1
N 492	14700	34800	239.0	237.6	227.6	56.0	18.6	1	1	1	1
N 493	9400	25600	78.0	75.4	66.0	50.0	6.5	1	1	1	3
N 494	110000	145000	79.0	77.5	68.0	55.0	-	1	1	1	6
N 495	141800	-	79.0	-	68.0	60.0	64.9	1	1	1	6
N 496	6500	21100	168.1	166.5	156.5	75.0	8.8	1	1	8	3
N 497	98000	140000	65.0	-	39.0	20.0	155.6	0	1	1	1
N 498	5400	37500	39.0	38.0	28.0	31.0	6.0	1	3	1	0
N 499	44400	78000	217.0	214.5	203.5	69.0	34.0	1	1	1	3
N 500	83600	107000	19.0	13.0	12.0	4.0	32.8	1	1	1	1
N 501	116700	174000	217.0	214.5	203.5	70.0	141.0	1	1	1	3
N 502	55500	119000	179.5	178.0	170.0	63.0	48.0	1	1	3	3
N 503	72600	-	225.4	-	206.3	57.0	141.5	1	1	1	1
N 504	53600	-	216.0	-	203.5	75.0	39.4	0	1	1	1
N 505	206000	530000	150.0	-	112.0	66.0	-	1	1	1	1
N 506	12900	28900	137.8	136.5	130.0	45.0	6.0	1	1	3	1
N 507	90000	163000	136.0	136.0	126.0	30.0	113.4	1	1	3	1
N 508	36900	96000	129.2	123.0	111.5	71.0	63.2	1	1	1	1
N 509	65100	149000	75.3	72.0	61.0	9.0	73.5	1	4	3	1
N 512	109400	160000	181.5	180.5	168.5	72.0	146.0	1	1	3	3
N 513	9600	31400	124.0	122.0	112.0	67.0	8.0	1	1	1	1
N 514	8300	19000	132.0	130.5	124.0	61.0	2.9	1	4	3	1
N 515	11400	23700	61.0	60.0	53.0	50.0	13.0	1	1	1	2
N 516	33500	70000	159.0	157.0	144.0	67.0	28.5	1	1	3	1
N 517	34800	70200	217.0	216.0	206.0	68.0	34.0	1	1	4	3
N 518	22500	41800	167.6	164.0	154.0	70.0	14.4	1	1	1	1
N 519	110000	166500	197.0	193.5	172.0	51.0	78.0	1	1	4	1
N 520	43500	95000	216.5	214.5	204.0	68.0	40.0	1	1	6	1
N 521	27100	-	160.0	-	147.4	51.0	17.7	1	1	3	1
N 522	36900	64100	250.6	245.3	235.3	57.0	35.5	1	1	1	1
N 523	73400	114000	217.0	215.0	206.5	60.0	82.0	1	1	4	2
N 526	74600	104500	258.7	258.0	254.8	71.0	69.0	1	3	6	1
N 527	19200	36500	240.0	240.0	230.0	71.0	13.5	1	1	1	1
N 528	16500	44000	132.0	121.0	109.0	66.0	18.0	0	1	7	3
N 529	7200	35600	101.0	99.0	89.0	51.0	10.0	1	1	1	1
N 530	13000	44500	74.5	54.0	45.0	18.0	20.0	0	1	3	1
N 531	75000	150600	208.0	208.0	196.5	58.0	60.0	1	1	1	1
N 532	58700	102000	162.7	162.0	152.0	71.0	6.6	1	1	3	3
N 533	21700	48000	60.0	59.0	49.0	8.0	21.0	1	4	3	1
N 534	46300	141000	87.4	87.0	75.0	50.0	40.0	1	4	1	3
N 535	87900	124000	207.2	206.0	196.0	76.0	81.0	1	1	1	1
N 536	50500	77700	217.1	208.5	198.5	77.0	23.0	1	3	6	1
N 537	201000	-	74.4	-	57.0	50.0	225.2	1	1	1	2

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER		NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
N	538	NEW LATTINGTOWN	HORSESHOE LA.	4052580733725	671220	100	-	264000
N	539	GLENDALE DR.	N.HEMPSTEAD TPK.	4051050733021	740624	120	232000	318100
N	540	OAK STREET	WESTBURY BLVD.	4043230733633	721017	44	-	-
N	543	JERICHO O.B. RD.	N.HEMPSTEAD TPK.	4050340733132	720517	98	472000	618000
N	544	CROSSWAY	WEDGEWOOD CT. E.	4050570733623	750224	117	383000	547000
N	545	YUKON DRIVE	ANCHORAGE DRIVE	4047580732821	690218	128	741200	704000
N	546	BERRY HILL RD.	EAST WOODS RD.	4049340733033	740923	115	145000	163000
N	547	RIDGE COURT	LATTINGTOWN RD.	4053030733635	780223	106	155183	171158
N	548	TAMMYS LANE	EAST WOODS ROAD	4049320733043	750120	115	102000	119000
N	549	OLD WESTBURY RD.	JERICHO TURNPIKE	4045500733612	780809	118	465000	421000
N	550	KIRBYS LANE	JERICHO TURNPIKE	4048080733141	780828	108	269000	299000
N	551	APPLEGREEN DRIVE	WHEATLEY ROAD	4047200733559	750714	118	233785	222150
N	552	STONE ARCH RD.	HASTINGS RD.	4047300733639	740123	118	572000	616000
N	553	TIBER ROAD	SABINE ROAD	4050500732957	770207	126	508000	5245220
N	554	BARRY LANE	CONVENT ROAD	4049100732949	770523	126	241000	247000
N	555	SPLIT ROCK RD.	BALSAR CT.	4049530733044	740326	115	461000	476000
N	556	BERNICE DRIVE	CAMEO COURT	4042590733157	750120	8	29000	36000
N	558	SAMUEL COURT	CONVENT ROAD	4049150732935	750908	126	-	-
N	559	ARON DR.	VICTOR LA.	4049350732837	790110	126	213000	234768
N	560	SHELTER ROCK RD.	CARRIAGE RD	4045580734015	790110	87	129900	133000
N	561	POND VIEW DR.	JERICHO TPKE.	4048370733046	800121	115	92500	86000
N	562	SPRUCE CT.	BAYVILLE AVE.	4054420733357	740628	91	130000	145000
N	563	MOORES HILL RD.	OYS.BAY COVE RD.	4051260732926	770209	107	343000	340000
N	567	EAST NORWICH RD.	BROOKVILLE RD.	4048100733220	740813	115	457000	458000
N	568	CAT HOLLOW RD.	GODFREY AVE.	4054190733401	761210	91	236000	258300
N	569	UNDERHILL BLVD.	JERICHO TURNPIKE	4048250733110	770131	115	273000	282652
N	570	WHEATLEY-BKVL HY	N.HEMPSTEAD TPK.	4049400733419	750325	127	153680	17800
N	571	GORDON DRIVE	JERICHO TURNPIKE	4048130733049	780306	126	354500	496500
N	572	GILBERT RD.	STEAM BOAT RD.	4048340734430	771014	140	60571	63300
N	573	VON ELM AVE.	PROSPECT AVE.	4042370733343	790129	8	66800	92000
N	574	OLD WESTBURY RD.	DEBRA COURT	4046460733622	780502	118	-	-
N	575	SYO.COLD SPR.RD.	SYO.WOODBURY RD.	4049400732937	791002	126	105000	106000
N	576	SYO.COLD SPR.RD.	CEDAR FIELD RD.	4050560732802	740425	107	279149	440000
N	577	BACON ROAD	I.U.WILLETS RD.	4046060733703	791024	118	436000	488000
N	578	WHITNEY LANE	WHEATLEY ROAD	4048230733515	790702	118	668000	628000
N	579	NORTHERN WOODS R	N.HEMPSTEAD TPK.	4048280733715	790815	53	152000	144500
N	580	WOODBURY ROAD	L.I.E.	4048040732854	800530	128	72600	78000
N	581	MCCOUNS LANE	BERRY HILL RD.	4051440733132	790709	119	805000	814000
N	582	CEDAR SWAMP ROAD	NORDEN DRIVE	4048140733314	800221	93	417000	416000
N	583	MILL RIVER RD.	REMSEN'S LANE	4050490733302	791105	115	-	-
N	584	AMBER LANE	N.HEMPSTEAD TPK.	4050560733033	800715	120	657000	661000
N	585	COACHMAN CT.	I.U.WILLETS RD.	4046290733654	800922	118	552900	577000
N	586	SERENITE	MUTTONTOWN ROAD	4049300733306	800430	115	374400	432000
N	587	BERRY HILL ROAD	RODEO DRIVE	4050020732953	800319	120	-	-
N	588	MAGNOLIA BLVD.	N.HAWTHORNE ST.	4041410732817	780717	110	65340	94000
N	589	OYSTER BAY COVE	CRAFTON COURT	4051410732947	831206	120	375000	420000
N	590	WAGAMON DRIVE	VICTOR LANE	4049360732830	790924	128	204700	207000
N	591	LAKEVIEW ROAD	SUNRISE HIGHWAY	4040130733112	81	46	-	-
N	592	WAVERLY ROAD	L.I.E.	4046500733632	810219	118	361600	480000
N	593	BERRY HILL ROAD	HICKMAN STREET	4050220733006	811201	120	79000	137000
N	594	GRACE DR.	OLD WESTBURY RD.	4047020733632	820511	118	424000	449000
N	595	COURT LANE	COVES RUN	4050420733019	811119	120	642655	643787
N	597	MUSEUM ROAD	NORTHERN BLVD.	4048380733803	801027	123	-	-
N	598	SEARINGTOWN ROAD	I.U. WILLETS RD.	4046130733925	811105	87	-	-
NP	1	UNDERHILL BLVD.	JERICHO TURNPIKE	4048400733111	-	115	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
N	538	30300	59400	136.6	135.0	125.0	30.0	41.6	1	1	3	1
N	539	37900	85000	213.0	-	-	-	18.5	1	1	0	0
N	540	-	-	-	-	-	-	313.0	1	2	0	0
N	543	73000	113000	215.0	-	204.0	-	52.0	1	1	0	0
N	544	66600	100000	141.0	-	125.0	-	26.4	1	1	0	0
N	545	74200	160000	220.5	218.0	209.0	-	60.0	1	1	0	0
N	546	17600	87000	225.0	217.0	206.0	-	20.0	1	1	0	0
N	547	31916	-	49.0	49.0	414.0	-	43.5	1	1	0	0
N	548	18200	32400	229.4	-	225.0	-	14.0	1	1	0	0
N	549	23810	90200	113.0	113.0	102.0	-	21.3	1	1	0	0
N	550	15900	64500	230.0	230.0	215.0	-	42.5	0	1	0	0
N	551	31550	47900	181.0	-	165.5	-	20.0	1	1	0	0
N	552	72000	121800	179.0	172.5	161.5	-	77.0	1	1	0	0
N	553	48300	143000	213.0	213.0	198.5	-	35.0	1	1	0	0
N	554	31320	68400	216.0	216.0	201.0	-	47.0	1	1	0	0
N	555	62730	103000	199.5	199.5	188.5	-	64.0	1	1	0	0
N	556	8000	20500	78.0	-	66.0	-	4.0	1	1	0	0
N	558	-	-	-	-	-	-	25.9	0		0	0
N	559	33100	52700	216.0	-	204.0	-	29.3	0		0	0
N	560	21200	39000	152.0	-	142.0	-	19.7	1	1	0	0
N	561	14100	30500	163.0	-	151.0	-	12.7	0	1	0	0
N	562	16625	32600	32.0	32.0	20.0	-	30.0		1	0	0
N	563	48400	118000	62.0	62.0	50.0	-	37.8	1	1	0	0
N	567	52200	87100	131.0	-	112.0	-	63.2	1	1	0	0
N	568	30775	82000	34.5	34.5	26.0	-	29.0	1	1	0	0
N	569	32100	56700	160.0	160.0	147.0	-	53.0	1	1	0	0
N	570	42200	46800	138.7	138.7	129.6	-	21.0	1	1	0	0
N	571	57400	85500	194.2	190.0	178.0	-	27.9	1	2	0	0
N	572	11000	27675	26.0	25.0	18.3	-	6.0	1	1	0	0
N	573	12045	25025	68.0	66.0	57.0	-	9.2	1	1	0	0
N	574	-	-	-	-	-	-	21.5		1	0	0
N	575	16300	31300	202.5	199.5	188.5	-	9.0	1	1	0	0
N	576	52360	92400	233.0	233.0	220.7	-	19.9	1	1	0	0
N	577	59300	87000	137.0	137.0	126.0	-	30.0	1	1	0	0
N	578	79400	108000	179.5	175.0	166.0	-	74.0	1	1	0	0
N	579	20600	33500	141.7	141.0	131.0	-	21.0	1	1	0	0
N	580	13000	24600	192.0	191.5	181.5	-	10.0	1	1	0	0
N	581	103400	140666	108.0	106.0	95.0	-	88.7	1	1	0	0
N	582	41200	75900	213.0	208.5	196.5	-	53.0	1	1	0	0
N	583	-	-	-	-	-	-	24.0			0	0
N	584	62800	103350	228.5	228.0	215.0	-	49.1	1	1	0	0
N	585	50500	93220	138.0	138.0	124.0	-	53.1	1	1	0	0
N	586	45600	93150	202.0	201.0	188.5	-	43.0	0	1	0	0
N	587	-	-	-	-	-	-	70.2		1	0	0
N	588	20223	33936	43.3	42.0	35.0	-	9.0	1	1	0	0
N	589	36150	73775	62.0	60.6	48.0	-	17.2	1	1	0	0
N	590	21400	43290	215.0	213.0	203.0	-	28.2	1	1	0	0
N	591	-	-	-	-	-	-	126.9			0	0
N	592	54050	87500	147.5	147.5	138.5	-	20.8	1	1	0	0
N	593	19370	35696	250.0	249.0	239.0	-	9.1	1	1	0	0
N	594	63500	80000	141.0	138.0	128.0	-	76.6	1	1	0	0
N	595	72560	132000	242.2	238.8	227.8	-	45.9	1	1	0	0
N	597	-	-	160.0	-	-	30.0	16.2	0	1	0	0
N	598	18000	23750	124.0	122.0	113.3	-	15.0	1	1	0	0
NP	1	-	-	-	-	-	80.0	-	0	4	6	1

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER		NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
R	1	DOGWOOD DRIVE	FRANCIS STREET	405654072505 4	-	271	-	-
R	2	GULLY ROAD	PARKER ROAD	405658072504 7	-	271	-	-
R	3	BEEMER AVENUE	SOUND AVENUE	405655072491 1	-	271	-	-
R	4	LONG POND ROAD	STEPHEN DRIVE	405540072504 2	-	271	-	-
R	5	OAKLEIGH AVENUE	NORTH ROAD	405719072444 6	-	263	-	-
R	6	DOLPHIN WAY	NORTH ROAD	405810072415 5	-	270	-	-
R	7	ROANOKE AVENUE	JOYCE DRIVE	405622072404 4	-	269	-	-
R	8	NADEL DRIVE	MIDDLE ROAD	405615072403 0	-	269	-	-
R	9	ANDREA COURT	OAKLAND DRIVE SO	405642072393 3	-	269	-	-
R	10	NORTHVILLE TPKE.	DOCTOR'S PATH	405652072392 6	-	269	-	-
R	15	TUTHILLS LANE	APOLLO DRIVE	405714072364 6	-	268	-	-
R	16	MANOR LANE	MAIN ROAD	405705072350 1	-	267	-	-
S	2	ALEXANDER AVENUE	MILDRED COURT	405100073075 9	-	177	-	-
S	3	CACTUS LANE	PRIMROSE LANE	405248073141 6	680514	174	747200	800000
S	4	HONEYSUCKLE LANE	RUMFORD ROAD	405258073141 0	680514	174	135500	180000
S	5	AMHERST LANE	CORNELL DRIVE	405103073151 6	630603	169	702300	858000
S	6	HARVARD LANE	CORNELL DRIVE	405101073153 5	650824	169	280200	308100
S	8	BREAD AND CHEESE	FIELDVIEW DRIVE	405409073174 7	651109	171	398000	400000
S	9	GLENVIEW AVENUE	TIMBER LANE	405426073172 8	651119	171	77000	120000
S	10	COTTONWOOD DRIVE	CRABAPPLE LANE	405052073161 2	5507	169	712800	726000
S	11	CARLDON ROAD	ASHLON LANE	405115073161 6	5612	169	117000	148000
S	12	SHIRLEY COURT	VIOLET LANE	405028073162 1	5410	169	-	-
S	13	LAUREL DRIVE	SHIRLEY COURT	405024073154 2	-	169	-	-
S	14	RADBURN DRIVE	ROXBURY DRIVE	405133073162 0	5609	169	449300	246000
S	15	INDIAN HEAD ROAD	BYRON ROAD	405133073161 0	5609	169	157500	73400
S	16	INDIAN HEAD ROAD	TYRAM STREET	405142073160 1	5609	169	186600	100100
S	17	INDIAN HEAD ROAD	ROXBURY DRIVE	405154073154 7	5609	169	292700	302500
S	18	FIRST AVENUE	HUDSON DRIVE	405250073153 0	560307	174	32000	35000
S	19	FIRST AVENUE	BALBOA DRIVE	405242073152 7	560307	174	111000	130000
S	20	ST. JOHNLAND RD.	DAPHNE PLACE	405212073131 0	590518	182	-	445000
S	21	OLD INDIAN HEAD	GEHRIG STREET	405047073171 0	-	169	-	-
S	22	FOX LANE	HUBBELL STREET	405049073172 8	571104	169	313400	507500
S	23	9TH AVENUE	EMILY PLACE	405240073161 0	540903	174	87000	90000
S	24	GLEN ROAD	GLEN LANE	405249073163 8	631029	174	108000	118600
S	25	S. PLAISTED AVE.	SATURN BOULEVARD	404940073112 4	-	196	-	-
S	26	SHEILA DRIVE	GARVEY DRIVE	404944073105 9	641013	196	522200	533900
S	27	SANDRA DRIVE	MAUREEN DRIVE	404956073110 7	6605	196	317800	356100
S	28	ORIOLE COURT	NEW HIGHWAY	404926073141 8	570116	169	88000	140000
S	29	OWL LANE	CARDINAL LANE	404917073141 0	610829	169	542000	545000
S	30	GATEWOOD DRIVE	GLENWOOD DRIVE	404939073145 9	601122	169	498000	498000
S	31	NEW HIGHWAY	PINE HOLLOW ROAD	404919073144 7	620611	169	195100	210000
S	32	DEWBERRY PLACE	BUTTERFLY DRIVE	404929073151 2	620611	169	156800	170800
S	33	NEW HIGHWAY	ROBIN DRIVE	404924073142 5	590817	169	105000	119000
S	34	VETERANS HIGHWAY	ROBIN DRIVE	404932073142 7	590817	169	147000	179000
S	35	VETERANS HIGHWAY	AUTUMN DRIVE	404933073143 4	600512	169	210000	231000
S	36	MARQUETTE DRIVE	FIFTY ACRE RD.SO	405206073101 0	-	180	-	-
S	37	FIFTY ACRE RD.SO	SAMMIS STREET	405150073100 9	670801	180	330000	333000
S	38	KNOLL ROAD	WASHINGTON BLVD.	405131073144 0	640508	169	328000	335000
S	39	APPLE LANE	CHESTNUT COURT	405010073161 5	-	169	-	-
S	40	HOLLY LANE	LARCH LANE	405011073123 7	-	196	-	-
S	41	MERRIVALE DRIVE	FOREST LANE	404957073123 3	-	196	-	-
S	42	MERRIVALE DRIVE	APONE COURT	404938073123 6	-	196	-	-
S	43	APPLEWOOD ROAD	FLORAL LANE	405310073090 1	560801	180	219500	259000
S	44	MORICHES ROAD	PLAIN TREE LANE	405258073084 6	560801	180	219500	270000
S	45	ORANGE AVENUE	DELAWARE AVENUE	404931073172 4	560418	169	370000	430000

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA	ALTITUDE RIM	OVER-FLOW	BOT-TOM	WATER TABLE	DRAIN. AREA (acres)	BASIN-- STATUS	USE	GEO. UNIT	SOIL UNIT
R	1	-	-	150.0	-	-	25.0	39.8	1	1	4	5
R	2	-	-	140.0	-	-	24.0	-	1	1	4	5
R	3	-	-	100.0	-	-	22.0	-	1	1	1	6
R	4	-	-	60.0	-	-	40.0	-	1	1	1	3
R	5	-	-	105.0	-	-	14.0	-	1	1	1	1
R	6	-	-	105.0	-	-	7.0	-	0	1	1	3
R	7	-	-	40.0	-	-	18.0	-	0	1	1	3
R	8	-	-	30.0	-	-	19.0	-	0	1	1	6
R	9	-	-	20.0	-	-	16.0	-	1	1	1	6
R	10	-	-	30.0	-	-	15.0	-	1	1	1	3
R	15	-	-	30.0	-	-	4.0	-	1	1	1	0
R	16	-	-	15.0	-	-	3.0	-	1	1	1	0
S	2	-	-	80.0	-	-	55.0	-	1	1	1	6
S	3	80000	124200	150.0	-	136.0	42.0	117.6	1	1	4	3
S	4	18000	36500	158.0	-	149.0	40.0	21.3	0	1	4	7
S	5	66500	161300	63.0	62.9	-	52.0	92.2	0	1	1	5
S	6	30800	82800	94.0	-	75.5	53.0	44.1	1	1	1	5
S	8	50000	96300	48.0	48.0	40.0	18.0	45.0	1	1	3	3
S	9	10000	35300	125.0	97.0	89.0	18.0	7.0	1	1	3	3
S	10	72600	104400	149.0	-	125.0	57.0	112.2	1	1	1	7
S	11	14800	17100	148.0	-	141.0	58.0	16.0	1	1	1	7
S	12	-	34000	141.0	-	127.0	62.0	-	1	1	1	7
S	13	-	71500	140.7	-	112.0	52.0	-	1	1	1	7
S	14	18200	32000	140.0	136.5	123.0	59.0	168.0	1	1	1	7
S	15	7300	13800	139.2	-	125.0	57.0	21.5	1	1	1	7
S	16	8000	15800	150.5	148.5	136.0	56.0	28.4	1	1	1	7
S	17	30300	28900	146.5	-	124.0	54.0	40.0	0	3	1	7
S	18	4400	10300	150.0	153.0	145.0	48.0	5.5	1	1	1	3
S	19	9600	24000	153.2	148.0	134.5	48.0	19.0	1	1	3	7
S	20	44500	27500	70.0	-	60.0	37.0	70.3	1	1	1	6
S	21	-	-	150.0	-	-	65.0	-	1	1	1	7
S	22	50800	60100	148.0	146.2	136.2	66.0	49.3	1	1	1	7
S	23	9000	9900	170.0	-	-	52.0	15.0	1	1	1	7
S	24	135500	13200	171.3	169.8	161.0	48.0	11.6	1	1	1	7
S	25	-	-	70.0	-	-	48.0	-	1	1	1	7
S	26	82100	104000	53.0	50.5	44.0	48.0	82.2	0	1	1	3
S	27	64700	92800	56.4	52.0	46.5	46.0	50.0	1	1	1	7
S	28	7800	4900	60.0	69.5	51.5	44.0	18.0	1	1	1	7
S	29	43100	50200	61.0	59.3	47.0	44.0	58.3	1	1	1	6
S	30	49800	62500	67.5	-	53.0	45.0	78.4	0	1	1	5
S	31	18300	42100	120.0	114.0	102.5	48.0	30.7	1	1	1	3
S	32	19000	44300	121.0	117.0	108.0	48.0	24.7	1	1	1	1
S	33	8500	13500	92.6	86.5	72.5	44.0	16.5	1	1	1	7
S	34	26200	33500	54.0	53.0	46.2	42.0	9.0	1	3	1	6
S	35	25700	37100	58.5	56.0	47.0	42.0	33.1	1	1	1	6
S	36	-	-	140.0	-	-	41.0	-	1	1	1	7
S	37	29000	56000	130.0	-	-	34.0	35.5	1	1	1	7
S	38	33500	39000	60.0	-	43.5	44.0	38.0	1	1	1	5
S	39	-	-	144.0	-	-	58.0	-	1	1	1	7
S	40	-	-	60.0	-	-	40.0	-	1	1	1	7
S	41	-	-	55.0	-	-	42.0	-	1	1	1	7
S	42	-	-	50.0	-	-	44.0	-	1	1	1	6
S	43	24700	33800	135.0	131.5	121.0	46.0	30.0	1	1	1	7
S	44	25700	34500	126.0	123.5	113.0	60.0	34.6	1	1	1	7
S	45	43000	73500	115.0	114.0	104.0	65.0	42.5	1	1	1	7

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
S 48	MAGELLAN AVENUE	MARILYN DRIVE	4052490731454	650601	174	140000	141400
S 49	OLD WILLETS PATH	MACKAY DRIVE	4049150731402	690616	196	148000	195000
S 53	LAKE AVENUE SO.	BEAU JOL COURT	4050410730905	6501	177	49300	42300
S 54	TOWN LINE ROAD	MARSHMALLOW DR.	4051570731724	650715	169	214500	222000
S 55	CARAMEL ROAD	MARSHMALLOW DR.	4052010731705	650715	169	245200	252000
S 56	CRESCENT PLACE	SEAVER LANE	4050070731205	611006	196	369000	374000
S 57	KINGS PARK ROAD	CHATHAM ROAD	4051110731559	-	169	-	-
S 58	TOWN LINE ROAD	HAVEMEYER LANE	4051090731726	620422	169	145200	174000
S 59	TOWN LINE ROAD	SCHOLAR LANE	4051280731727	620422	169	82200	205000
S 60	HAYRICK LANE	SCHOLAR LANE	4051310731649	620422	169	469800	546000
S 61	HARVEST LANE	HAYRICK LANE	4051100731651	-	169	419800	454500
S 62	HERON LANE	PHEASANT DRIVE	4049400731616	640124	169	321300	197000
S 63	FINCH COURT	PEACOCK LANE	4049410731604	640124	169	230800	329400
S 64	GANNET DRIVE	EDSCHO LANE	4049360731551	640124	169	136300	179500
S 65	LAURINDA DRIVE	NEW HIGHWAY	4049440731734	580508	169	-	-
S 66	RUSSET COURT	COUNTRY LANE	4053310731532	600624	174	162000	167900
S 67	DEEPDALE DRIVE	SHINBONE LANE	4048300731656	620426	169	182100	196000
S 68	DEEPDALE DRIVE	REDLEAF LANE	4048510731705	620420	169	158800	169500
S 69	BROCTON LANE	ASHLAND DRIVE	4052320731328	620815	182	1010000	2190000
S 70	AUSTIN BOULEVARD	MOTOR PARKWAY	4048230731624	680709	169	440700	461500
S 71	GLENRICH DRIVE	REGAL COURT	4052130731105	671204	179	-	144000
S 72	DAMIN CIRCLE	GLENRICH DRIVE	4052310731113	671204	179	-	209000
S 73	BURHAM DRIVE	ROSE STREET	4052530731254	570715	179	119000	121000
S 74	NICHOLAS AVENUE	MONROE STREET	4052380731301	570715	174	305000	380000
S 75	RIVIERA DRIVE	SYBIL PLACE	4052210731300	630523	179	148000	154000
S 76	MEADOW GLEN ROAD	JOSEPHINE LANE	4053230731634	670203	174	145000	144600
S 77	CYGNET DRIVE	FLAMINGO DRIVE	4050510731302	5811	182	925700	971000
S 78	BROOKSITE DRIVE	CYGNET DRIVE	4050460731233	5811	182	153900	162700
S 79	PINEWOOD DRIVE	CEDARWOOD LANE	4048330731647	660218	169	394000	470000
S 80	SEQUOIA DRIVE	NESCONSET HWY.	4049490731148	590330	196	252000	256000
S 81	APPLE TREE DRIVE	SATURN BOULEVARD	4049380731152	590330	196	131300	157000
S 82	BOXWOOD DRIVE	ANN COURT	4053270731347	670828	181	448200	471400
S 83	PLYMOUTH BLVD.	WESTON LANE	4051240731416	610418	182	283900	-
S 84	CONCORD LANE	QUAKER LANE	4051130731412	610418	182	747000	760300
S 85	AMSTERDAM ROAD	JERICHO TURNPIKE	4050520731427	610418	182	243000	250000
S 86	HERITAGE PLACE	SOUTH COURT	4050320730857	650716	177	88400	-
S 87	HARNED ROAD	CUTCHOGUE LANE	4049500731649	640908	169	579000	609000
S 88	SHAWNEE PLACE	SEMINOLE DRIVE	4049530731626	640908	169	339500	346500
S 89	TRUXTON LANE	ST. JOHNLAND RD.	4054170731547	670822	174	534100	560600
S 90	TRESCOTT PATH	TARLETON LANE	4054120731610	670822	174	92800	157600
S 91	OLD WILLETS PATH	VETERANS HIGHWAY	4049270731409	570116	196	498000	619000
S 92	COACH DRIVE	CARRIAGE DRIVE	4053130731403	660209	174	590000	607000
S 93	BRUCE LANE	CORTEZ LANE	4052490731509	-	174	-	-
S 94	PLYMOUTH BLVD.	MOREWOOD DRIVE	4051290731419	640508	182	292700	342000
S 95	BAY STREET	COLUMBUS AVENUE	4052300731434	610503	174	162000	162500
S 96	KRISTI LANE	SUSSEX LANE	4050580730747	661027	177	418800	480300
S 97	CORNELIA LANE	CEDAR AVENUE	4050550730748	661027	177	139500	142000
S 98	LAWRENCE ROAD	LORDLY COURT	4052530731427	-	174	-	-
S 99	URSULAR COURT	STENGEL PLACE	4052000731251	660720	182	262700	300000
S 100	URSULAR COURT	ECKERKAMP DRIVE	4052030731220	660720	182	153300	220000
S 101	ARLENE PLACE	MARVIN DRIVE	4052280731623	580908	174	-	106000
S 102	1ST AVENUE	ECHO LANE	4052190731541	580908	174	-	88400
S 103	MARCUS BOULEVARD	OSER AVENUE	4048560731457	671016	196	-	-
S 104	MARCUS BOULEVARD	MOTOR PARKWAY	4048340731454	671016	191	-	-
S 105	ALFRED LANE	SMITHTOWN ROAD	4052030731424	660718	182	96000	100300

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA (square feet)	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
S	48	10900	24700	140.0	130.0	117.0	48.0	22.0	0	1	1	7
S	49	17700	19800	56.0	55.0	44.0	41.0	25.5	1	1	1	6
S	53	3900	10500	120.0	113.7	103.0	50.0	7.8	1	1	1	1
S	54	22200	17600	155.0	-	141.5	56.0	33.8	1	1	1	7
S	55	25200	26000	154.0	-	134.0	57.0	38.6	1	1	1	7
S	56	28800	42900	40.0	-	-	32.0	58.1	0	1	1	7
S	57	-	-	145.0	-	-	58.0	-	1	1	1	7
S	58	17400	41600	150.0	130.7	120.7	64.0	22.9	1	1	1	7
S	59	18600	30000	165.0	158.5	147.5	62.0	12.9	1	1	1	7
S	60	54600	57500	149.0	143.5	133.5	61.0	73.9	1	1	1	7
S	61	37900	41100	161.0	157.5	145.5	62.0	66.1	1	1	1	7
S	62	19700	15000	140.0	-	105.5	56.0	34.4	1	1	1	7
S	63	32900	17700	140.0	-	97.0	56.0	11.4	1	1	1	5
S	64	18000	17600	130.0	-	112.0	52.0	14.6	1	1	1	5
S	65	-	-	120.0	-	-	68.0	-	1	1	1	7
S	66	15300	24200	220.0	163.0	152.0	38.0	25.5	0	1	4	3
S	67	19600	21800	147.5	-	135.5	52.0	20.8	1	1	1	7
S	68	17000	30100	160.0	-	147.0	58.0	17.0	1	1	6	7
S	69	166500	161700	110.0	-	-	40.0	159.0	1	1	1	7
S	70	46200	59400	150.0	148.0	-	50.0	69.4	1	1	1	7
S	71	14400	24600	101.0	98.0	88.0	35.0	22.7	1	1	1	5
S	72	17400	15600	128.0	126.0	114.0	45.0	32.9	0	1	1	5
S	73	12100	-	160.0	157.6	147.6	30.0	18.7	1	1	4	3
S	74	32600	29900	141.2	134.5	123.2	35.0	48.0	1	1	1	7
S	75	12800	14400	120.0	110.4	98.4	35.0	16.8	1	1	1	7
S	76	11100	23100	181.0	179.0	166.0	42.0	22.8	1	1	1	6
S	77	97100	107900	50.0	46.0	46.5	25.0	145.7	1	1	1	6
S	78	16300	12100	40.0	39.5	29.5	32.0	24.2	0	1	1	7
S	79	47000	47000	150.0	-	135.5	58.0	62.0	1	1	1	7
S	80	25600	23500	61.0	-	-	46.0	27.0	1	1	1	5
S	81	15700	16500	72.0	-	52.5	46.0	15.0	1	1	1	6
S	82	37700	62000	31.0	30.5	18.0	15.0	77.1	1	1	3	3
S	83	28400	28900	50.6	-	40.5	40.0	13.0	0	1	1	5
S	84	76000	81300	90.0	66.5	63.5	34.0	80.0	1	1	1	5
S	85	25000	33500	60.0	-	43.0	31.0	38.3	1	1	1	5
S	86	-	20700	114.0	110.5	100.5	51.0	9.5	1	1	1	1
S	87	60900	46800	141.8	-	126.0	63.0	62.0	0	1	5	7
S	88	34600	31900	140.0	-	116.0	60.0	58.0	1	1	5	7
S	89	43100	62200	30.0	26.9	13.9	8.0	84.1	1	1	3	6
S	90	11300	36600	66.0	56.0	42.0	10.0	14.6	1	1	3	6
S	91	72800	71600	48.5	48.5	40.0	41.0	78.4	0	1	1	6
S	92	65300	57300	90.0	86.0	76.7	20.0	68.5	1	1	3	7
S	93	-	5100	160.0	-	-	50.0	-	1	1	1	7
S	94	34200	29400	49.5	-	40.0	40.0	50.0	0	1	1	5
S	95	12500	23600	140.0	142.0	129.0	48.0	2.4	1	1	1	7
S	96	36600	37500	80.0	76.5	65.5	57.0	51.5	1	1	1	3
S	97	27300	21400	80.0	71.2	66.0	57.0	15.0	1	1	1	3
S	98	-	-	150.0	-	-	44.0	-	1	1	3	7
S	99	30000	22500	72.0	-	51.0	33.0	30.0	1	1	1	7
S	100	22000	28400	75.0	-	53.0	29.0	17.5	1	1	1	7
S	101	10600	13200	130.0	-	99.0	52.0	16.7	1	1	1	7
S	102	8800	14800	110.0	90.0	80.0	52.0	13.9	1	1	1	5
S	103	-	-	150.0	-	-	48.0	-	1	1	1	6
S	104	-	-	145.0	-	-	48.0	-	0	2	1	1
S	105	8700	11300	102.5	-	91.0	48.0	15.1	1	1	1	7

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY (cubic feet)
S 106	CURLIN LANE	COPPER BEECH RD.	4053230730853	661129	180	76000	94000
S 107	OLD NORTHPORT RD	PIMLICO DRIVE	4052200731621	670622	169	108300	132500
S 108	ROXBURY DRIVE	BELMAR LANE	4051540731633	670622	169	124600	165000
S 110	BALSAM LANE	SOMERSET DRIVE	4051080731625	660602	169	156000	190000
S 111	MIDDLEVILLE ROAD	DON WAY	4052150731722	640423	169	364300	380000
S 112	CARAMEL COURT	PEPPERMINT ROAD	4052140731704	640423	169	471600	476500
S 113	NEW HIGHWAY	NORTHERN ST. PKY	4049230731545	670807	169	202000	210000
S 114	GREENWICH ROAD	MOREWOOD DRIVE	4051220731438	660407	182	177200	197000
S 115	MOOREWOOD DRIVE	WOODROW LANE	4051040731504	620905	182	196200	203000
S 116	CHASSYL ROAD	EDSCHO LANE	4049440731552	630610	169	503000	515000
S 117	PICKWICK DRIVE	PALMER LANE	4050260731623	590611	169	270000	370000
S 118	CRESCENT PLACE	SEAVER LANE	4050140731203	570103	182	142000	539000
S 119	BASSWOOD LANE	BROOK LANE	4050250731203	570103	182	182000	395000
S 120	NEW HIGHWAY	EXECUTIVE DRIVE	4049190731432	671218	196	-	202000
S 121	TULIPWOOD DRIVE	GLENMERE LANE	4048490731642	671218	169	96300	169000
S 122	MELWOOD DRIVE	MOTOR PARKWAY	4048200731635	660218	169	56000	60000
S 123	HUNTER PLACE	HOLLOW DRIVE	4050550731520	630809	169	60000	60000
S 124	GANNET DRIVE	HERON LANE	4049470731612	610817	169	94900	109000
S 125	MARIE CRESCENT	PITTONI DRIVE	4049210731700	660301	169	176900	117000
S 126	DANA LANE	STACEY LANE	4051040731513	640915	182	200800	290000
S 127	MAPLE AVENUE	HAUPPAUGE ROAD	4050110731137	580909	182	408000	408000
S 128	TISHNER LANE	DALE LANE	4050250731051	580929	182	107000	119000
S 129	CHESTNUT COURT	APPLE LANE	4050140731614	570606	169	145000	161000
S 130	PUMPKIN ROAD	STORYBOOK LANE	4052010730811	630523	180	177500	220000
S 131	MARS COURT	WOODLAND LANE	4050370731416	661006	169	118200	132000
S 132	NISSEQUOGUE ROAD	TWIXT HILLS ROAD	4052150731130	660517	185	179500	180400
S 133	PARKWAY DRIVE N.	MARIE CRESCENT	4049100731705	630403	169	228000	240000
S 134	FISHER ROAD	PITTONI DRIVE	4049180731638	630403	169	322500	326500
S 135	PARKWAY DRIVE N.	MARIE CRESCENT	4049040731640	630403	169	211000	222300
S 136	OLD WILLETTS PTH	ENGINEERS ROAD	4048530731356	660818	196	1960000	2030000
S 137	OSAGE LANE	PONDEROSA LANE	4050340730810	660802	177	113800	114000
S 138	PLANT AVENUE	OSER AVENUE	4050340730810	-	196	433000	460000
S 139	OLD WILLETTS PTH	OSER AVENUE	4049000731408	660819	196	625100	633100
S 140	PLANT AVENUE	ENGINEERS ROAD	4048490731436	660817	196	585000	673000
S 141	OLD WILLETTS PTH	KENNEDY DRIVE	4048370731416	660819	196	198000	202000
S 142	FLORIDA AVENUE	STONY WOOD ROAD	4049000731705	650216	169	249000	250000
S 143	ST. JAMES AVENUE	RUTHERFORD ST.	4051550730949	611206	180	255000	261000
S 146	JILL COURT	WICHARD BLVD.	4051290731520	660510	169	338000	384000
S 147	PHILSON COURT	WASHINGTON BLVD.	4051350731454	660510	169	76200	230000
S 148	SOUTHERN BLVD.	DIANE COURT SO.	4050490730920	681008	177	96300	105000
S 149	ACORN ROAD	OAKFIELD ROAD	4053280730900	660519	173	141000	155000
S 150	MORELAND ROAD	MOTOR PARKWAY	4048210731616	660504	169	310000	350000
S 153	ALMA LIND LANE	EMPRESS PINES DR	4050230730804	641006	229	289500	308000
S 154	LAKE AVENUE SO.	NESCONSET HWY.	4050590730904	680119	177	96300	120000
S 155	BREEZY HILL DR.	SUNKEN MEADOW RD	4053560731653	640828	174	-	-
S 156	GIBBS POND ROAD	KNOLLTOP DRIVE	4051030730833	650405	177	148000	152000
S 157	TOWN LINE ROAD	LONGBOW LANE	4051460731726	-	169	241300	251800
S 158	COCONUT DRIVE	CROSS BOW LANE	4051500731657	600202	169	375000	400000
S 160	MORICHES ROAD	ALEXANDER AVENUE	4051320730755	680408	227	-	-
S 161	ONEIDA LANE	RENSSELAER DRIVE	4050010731728	581024	169	788100	882000
S 162	ROCKLAND COURT	GENESEE DRIVE	4050160731729	581024	169	628200	815200
S 163	VALMONT LANE	NEW HIGHWAY	4049330731631	590715	169	414500	425500
S 164	5TH AVENUE	MARVIN DRIVE	4052280731551	-	174	-	-
S 165	BRUCE LANE	NORMA LANE	4052410731309	-	174	-	-
S 166	GAIL COURT	ELLEN PLACE	4052330731536	591102	174	165000	245000

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
S	106	9400	12500	137.0	-	126.0	44.0	70.0	1	1	1	1
S	107	16600	23700	159.5	153.0	145.0	53.0	11.3	1	1	1	1
S	108	16500	24600	124.8	124.0	114.0	57.0	13.0	1	1	1	3
S	110	19000	15800	120.0	-	-	57.0	16.7	1	1	1	7
S	111	38000	43200	131.0	-	117.0	55.0	39.0	0	1	1	7
S	112	39800	42900	155.0	149.0	-	58.0	54.0	1	1	1	7
S	113	21000	28900	150.0	143.0	-	50.0	31.8	1	1	6	1
S	114	17100	15500	107.0	104.5	93.0	44.0	33.0	1	1	1	5
S	115	20300	17200	54.0	-	42.0	39.0	30.9	0	1	1	6
S	116	51500	44200	115.0	103.0	91.0	54.0	53.3	1	1	1	1
S	117	37000	27100	141.0	-	125.0	62.0	46.0	1	1	1	7
S	118	53900	14900	50.0	52.0	42.0	40.0	24.5	0	1	1	7
S	119	30400	27200	55.0	49.0	36.0	40.0	31.4	0	1	1	7
S	120	27700	28800	89.0	89.3	82.0	46.0	31.8	0	1	1	7
S	121	76900	25700	170.0	171.5	160.0	56.0	11.0	1	1	6	7
S	122	6000	12200	145.0	-	134.0	50.0	6.5	1	1	1	7
S	123	6000	9300	140.0	-	-	52.0	9.4	1	1	1	5
S	124	10900	9100	130.0	-	100.0	58.0	12.5	1	1	1	7
S	125	11700	28000	-	-	-	66.0	27.8	0	1	6	7
S	126	22300	22600	65.0	63.0	48.0	51.0	21.5	1	1	1	6
S	127	42900	38700	62.0	58.0	48.5	43.0	64.2	1	1	1	7
S	128	11900	13200	52.0	-	45.0	42.0	23.3	0	1	1	7
S	129	14600	35100	137.5	128.5	117.5	58.0	22.9	1	1	1	7
S	130	22000	18100	107.6	-	87.0	64.0	27.9	1	1	1	7
S	131	13200	15600	61.0	-	43.0	38.0	13.5	1	1	1	5
S	132	15000	21600	42.0	37.0	25.0	15.0	28.3	1	1	1	5
S	133	34300	39200	195.0	177.0	170.0	62.0	24.0	1	1	6	7
S	134	39300	23800	186.0	179.8	171.5	58.0	34.7	1	2	6	7
S	135	24700	15000	183.0	182.0	173.0	58.0	22.7	1	1	6	3
S	136	203000	226000	89.0	88.0	78.0	43.0	95.4	1	1	1	6
S	137	11400	16800	79.5	-	63.0	48.0	17.9	1	1	1	3
S	138	46000	59400	130.0	100.0	-	47.0	68.2	1	1	6	6
S	139	63300	88500	97.0	92.0	-	46.0	30.6	1	1	1	6
S	140	46400	73000	123.0	116.5	102.0	47.0	38.3	1	1	6	6
S	141	20200	27600	124.0	-	110.0	45.0	97.0	0	1	6	3
S	142	25000	17100	171.0	-	156.0	60.0	27.0	1	1	6	7
S	143	26100	21200	120.0	-	101.0	37.0	39.0	1	1	1	7
S	146	34900	27000	89.0	88.0	77.0	53.0	53.2	1	1	1	6
S	147	23000	20000	124.0	123.0	113.0	48.0	12.0	1	1	1	6
S	148	10500	10500	120.0	-	102.0	53.0	11.0	1	1	1	1
S	149	15500	23900	131.0	-	116.0	42.0	22.2	1	1	1	1
S	150	35000	35200	145.0	-	131.5	50.0	21.8	1	1	1	3
S	153	30800	37800	77.0	-	63.0	48.0	31.0	1	1	1	3
S	154	12000	18300	120.0	-	107.3	69.0	11.0	1	1	1	1
S	155	-	-	100.0	-	-	25.0	-	1	1	3	3
S	156	-	22200	93.0	-	74.0	55.0	23.3	1	1	1	7
S	157	25200	34600	160.0	-	145.0	58.0	16.9	1	1	1	7
S	158	33300	576000	155.0	131.0	119.0	59.0	27.7	1	1	1	7
S	160	-	-	85.0	-	-	63.0	-	1	1	1	6
S	161	88200	144000	121.0	113.5	103.5	69.0	84.8	1	1	1	7
S	162	81500	118800	117.5	116.5	106.5	67.0	98.9	1	1	1	7
S	163	37000	74800	150.0	147.5	136.0	58.0	65.2	1	1	1	7
S	164	-	-	140.0	-	-	52.0	-	1	1	1	6
S	165	-	-	155.0	-	-	51.0	-	1	1	1	7
S	166	24500	57600	110.0	105.0	95.0	53.0	32.8	1	1	1	5

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY (cubic feet)
S 167	L.I. ARENA		405011073170Ø	-	169	-	-
S 172	DAWN DRIVE	EDGEWOOD AVENUE	405130073121Ø	6ØØ518	182	174ØØØ	185ØØØ
S 173	NESCONSET HWY.	BROOKSITE DRIVE	4049430731214	62Ø717	182	289ØØØ	29ØØØØ
S 174	LEWIS LANE	HUDSON DRIVE	4052510731523	62Ø216	174	262ØØ	28ØØØØ
S 175	ST. JOHNLAND RD.	RIVER HEIGHTS DR	4052010731317	64Ø3Ø4	182	-	-
S 176	VETERANS HWY.	SUNKEN MEADOW PK	4050150731708	62Ø518	169	341ØØ	389ØØØ
S 177	MARCHANT DRIVE	MIDDLE COUNTRY	4051270731008	-	18Ø	-	-
S 178	OPAL COURT	SMITHTOWN LINE R	4049330731159	62Ø116	196	-	-
S 179	CARDINAL LANE	NEW HIGHWAY	4049220731436	-	169	-	-
S 18Ø	SUNKEN MEADOW PK	DALY ROAD	4049180731734	59Ø81Ø	169	-	33ØØØØ
S 181	HENRY STREET	E. NORTHPORT RD.	4053140731522	621Ø	169	1ØØ4ØØ	1Ø5ØØØ
S 182	ROUNDABOUT ROAD	BRIDLEPATH ROAD	4051280731137	63Ø2	185	-	-
S 183	ALEXANDER AVENUE	MIDDLE COUNTRY R	4051320730807	61Ø615	227	68ØØØ	7ØØØØ
S 184	SHENANDOAH BLVD.	GLENFIELD LANE	4051200730815	61Ø615	177	31ØØØØ	315ØØØ
S 185	BURHAM DRIVE	OAKSIDE ROAD	4052310731241	64Ø121	182	48ØØØØ	482ØØØ
S 186	SHERYL CRESCENT	SANDY DRIVE	4052140731350	67Ø117	182	-	-
S 187	WALNUT ROAD	LANDING AVENUE	4053140731300	64Ø214	181	273ØØ	27ØØØØ
S 188	NISSEQUOGUE ROAD	LONG HILL ROAD	4051460731112	64Ø313	185	-	-
S 189	BOX PLACE	BOW DRIVE	4049410731049	59Ø6	196	149ØØØ	15ØØØØ
S 192	ST. JOHNLAND RD.	CRESCENT PLACE	4052120731315	65Ø9Ø8	182	-	-
S 193	GIBBS POND ROAD	ROBIN HOOD COURT	4050430730833	67Ø51Ø	177	127ØØ	143ØØ
S 194	ATLAS PLACE	GEMINI LANE	4050250730933	66Ø6Ø6	177	218ØØ	228ØØ
S 195	FRANKLIN DRIVE	HOWELL DRIVE	4051240731027	57Ø9Ø9	185	-	-
S 196	CALLAHAN'S BCH.	FORT SALONGA RD.	4054230731648	681120	171	186ØØ	186ØØ
S 197	OLD MILL ROAD	HIGH WOODS ROAD	4052340731059	67Ø1Ø6	18Ø	81ØØ	84100
S 198	HILLTOP DRIVE	MAYLIN COURT	4051560731341	63Ø225	182	139ØØØ	152ØØØ
S 199	TRUVAL LANE	RAYNIER PLACE	4051010730821	651130	177	224ØØ	235ØØØ
S 2ØØ	WYANDANCH BLVD.	WOOD ROAD	4050140731536	63Ø1	169	342ØØØ	388ØØØ
S 2Ø1	BAYBERRY LANE	MOBREY LANE	4050180731520	63Ø1	169	455ØØØ	455ØØØ
S 2Ø2	PINE RIDGE DRIVE	GRANDVIEW LANE	4050080731506	63Ø1	169	477ØØØ	477ØØØ
S 2Ø3	PINE RIDGE DRIVE	LONE OAK PATH	4050070731501	63Ø1	169	352ØØØ	47ØØØØ
S 2Ø4	LEDGEWOOD DRIVE	MCARTHUR LANE	4050280731448	63Ø1	169	32ØØØØ	38ØØØØ
S 2Ø5	GRASSY POND DR.	MCARTHUR LANE	4050350731430	63Ø1	169	266ØØØ	33ØØØØ
S 2Ø6	GRASSY POND DR S	BELMONT DRIVE	4049560731427	63Ø1	169	275ØØØ	35ØØØØ
S 2Ø7	BREAD AND CHEESE	NORTH FIELD DR.	4054170731748	61Ø621	171	-	15ØØØØ
S 2Ø8	JEFFERSON AVENUE	WOODLAWN AVENUE	4052240730940	-	18Ø	-	-
S 2Ø9	FAIRVIEW STREET	HILLCREST DR. W.	4051140731018	-	177	-	-
S 21Ø	LINDNER PLACE	BROWNING STREET	4051340731019	-	18Ø	-	-
S 211	HOWELL DRIVE	BLACKMAN STREET	4051340731025	-	18Ø	-	-
S 212	DOGWOOD DRIVE	WHITE BIRCH CT.	4051370731039	-	185	-	-
S 213	MEADOW ROAD	RIDGE ROAD	4051350731319	-	182	-	-
S 214	CLOISTER DRIVE	VETERANS HIGHWAY	4039340731437	-	196	-	-
SD 4	BRIDGE LANE	NORTH ROAD	4102150722854	-	275	-	-
SD 5	ELIJAH'S LANE	NORTH ROAD	4100330723123	-	281	-	-
SD 6	ELIJAH'S LANE	L.I.R.R.	4100320723101	-	281	-	-
SD 7	ALVAH'S LANE	NORTH ROAD	4100580723035	-	281	-	-
SD 8	DEPOT LANE	NORTH ROAD	4101250723000	-	275	-	-
SN 1	BAY VIEW DRIVE	LONG BEACH LANE	4059280721956	-	299	-	-
SN 2	RIDGE ROAD	VALLEY ROAD	4059190721952	-	299	-	-
SN 3	STONY HILL ROAD	WICKATUCK LANE	4059060721933	-	299	-	-
SN 4	GREENFIELD ROAD	SHINNECOCK HILLS	4053320722720	-	3Ø6	-	-
SN 5	TUCKAHOE LANE	COUNTY RD. NO.39	4053370722523	-	312	-	-
SN 6	DAVID WHITES LA.	COUNTY RD. NO.39	4054050722257	-	312	-	-
SN 7	COUNTY RD. NO.39	L.I.R.R.	4054010722246	-	312	-	-
SN 8	PONQUOGUE AVENUE	BAY AVENUE	4051500723046	-	293	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA (square feet)	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
S	167	-	-	150.0	-	-	65.0	-	0	4	1	7
S	172	18500	37800	42.0	-	30.0	22.0	27.4	0	1	1	3
S	173	29000	49400	56.0	56.0	46.0	42.0	11.0	0	1	1	6
S	174	28000	36000	168.0	-	152.0	47.0	10.0	1	4	1	7
S	175	-	-	56.0	54.0	51.0	37.0	-	1	1	1	5
S	176	21600	51000	151.0	142.0	124.0	65.0	53.4	1	1	1	7
S	177	-	-	120.0	-	-	35.0	-	1	1	1	7
S	178	-	9800	67.0	-	61.0	50.0	-	1	1	1	6
S	179	-	-	100.0	-	-	47.0	-	1	1	1	7
S	180	33000	43200	115.0	-	94.0	65.0	51.9	1	1	1	7
S	181	10500	25300	180.0	-	146.0	42.0	8.0	0	1	1	7
S	182	-	80000	75.0	-	61.5	25.0	-	1	1	1	7
S	183	7000	16000	105.0	-	62.5	62.0	10.7	1	1	1	7
S	184	31500	50000	89.3	-	80.0	64.0	48.8	1	1	1	1
S	185	41600	72000	-	-	-	31.0	51.4	1	1	1	3
S	186	-	80000	92.5	90.5	76.5	45.0	-	1	1	1	5
S	187	27000	36400	83.0	-	70.0	21.0	30.0	1	1	3	3
S	188	-	-	96.0	-	85.0	25.0	-	1	1	1	6
S	189	30000	40800	51.0	50.0	-	-	17.1	1	1	1	6
S	192	-	-	80.0	-	-	37.0	-	1	1	1	5
S	193	14300	14300	109.0	-	94.0	60.0	15.0	1	1	1	1
S	194	20800	48300	92.0	86.0	75.0	61.0	38.0	1	1	1	1
S	195	-	39100	-	-	-	37.0	13.4	1	1	1	7
S	196	15600	51000	36.5	31.0	19.0	20.0	34.3	1	1	3	5
S	197	7600	8400	126.0	125.0	114.0	22.0	9.4	1	1	1	5
S	198	15200	32000	100.0	77.0	65.0	41.0	21.9	1	1	1	6
S	199	23500	41400	74.0	-	65.0	56.0	24.0	1	1	1	3
S	200	38800	64400	140.0	105.0	95.0	52.0	53.8	1	1	1	3
S	201	43300	70000	100.0	85.0	74.5	51.0	71.6	1	1	1	5
S	202	59600	98000	-	-	-	48.0	75.1	1	1	1	5
S	203	42700	67200	-	-	-	48.0	55.4	0	1	1	6
S	204	31700	68000	110.0	68.0	56.0	44.0	50.4	1	1	1	5
S	205	23200	56000	70.0	56.0	42.8	42.0	41.9	1	1	1	5
S	206	21900	45000	120.0	78.5	62.5	42.0	43.3	1	1	1	5
S	207	15000	39000	40.0	-	-	12.0	23.6	1	1	4	7
S	208	-	-	135.0	-	-	55.0	-	1	1	1	7
S	209	-	-	115.0	-	-	34.0	-	1	1	1	6
S	210	-	-	90.0	-	-	37.0	-	1	1	1	7
S	211	-	-	110.0	-	-	36.0	-	1	1	1	7
S	212	-	-	90.0	-	-	35.0	-	1	1	1	7
S	213	-	-	55.0	-	-	38.0	-	1	1	1	6
S	214	-	-	60.0	-	-	42.0	-	1	1	1	5
SD	4	-	-	35.0	-	-	2.0	-	1	1	1	0
SD	5	-	-	35.0	-	-	3.0	-	1	1	1	0
SD	6	-	-	35.0	-	-	3.0	-	1	1	1	0
SD	7	-	-	38.0	-	-	3.0	-	1	1	1	0
SD	8	-	-	43.0	-	-	3.0	-	1	1	1	0
SN	1	-	-	80.0	-	-	-	-	1	1	1	0
SN	2	-	-	100.0	-	-	2.0	-	1	1	1	0
SN	3	-	-	45.0	-	-	3.0	-	1	1	1	0
SN	4	-	-	50.0	-	-	-	-	1	1	6	0
SN	5	-	-	35.0	-	-	2.0	-	1	1	1	0
SN	6	-	-	35.0	-	-	4.0	-	1	1	1	0
SN	7	-	-	35.0	-	-	4.0	-	1	1	1	0
SN	8	-	-	110.0	-	-	52.0	-	1	1	1	0

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
SN 9	MORICHES ROAD	TOWN LINE	4051550724302	-	264	-	-
SN 10	U.S. SUFF.CO.AFB		4049580723843	-	314	-	-
SN 11	U.S. SUFF.CO.AFB		4050590723706	-	314	-	-
SN 12	U.S. SUFF.CO.AFB		4051010723702	-	314	-	-
SN 13	OLD SQUIRETOWN	ABERDEEN DRIVE	4053170723134	-	310	-	-
SN 14	WILDWOOD LAKE GC		4053140724122	-	269	-	-
SN 15	WILDWOOD LAKE GC		4053110724048	-	269	-	-
SN 16	WILDWOOD LAKE GC		4053030724051	-	269	-	-
SN 17	PHILLIPS AVENUE	LUDLAM AVENUE	4054260723906	-	269	-	-
SP 1	CENTRAL AVENUE	SOUTHERN ST. PKY	4041070734241	-	10	-	-
SP 4	COES NECK ROAD	SOUTHERN ST. PKY	4041010733614	-	40	-	-
SP 9	HICKSVILLE ROAD	SOUTHERN ST. PKY	4042080732902	-	110	-	-
SP 21	MANETTO HILL RD.	NORTHERN ST. PKY	4047390732906	-	122	-	-
SP 25	S. OYSTER BAY RD	NORTHERN ST. PKY	4047350733018	-	122	-	-
SP 28	BROADWAY	NORTHERN ST. PKY	4047060733146	-	104	-	-
SP 36	GLEN COVE ROAD	NORTHERN ST. PKY	4045200733728	-	52	-	-
SP 37	NORTHERN ST. PKY	HILLSIDE AVENUE	4045380733724	-	118	-	-
SP 41	SHELTER ROCK RD.	NORTHERN ST. PKY	4046200734025	-	87	-	-
SP 46	WANTAGH ST. PKWY	HEMPSTEAD TPKE.	4043320733208	-	25	-	-
SP 50	WANTAGH ST. PKWY	PROSPECT AVENUE	4045530733322	-	70	-	-
SP 54	FARMINGDALE ROAD	SOUTHERN ST. PKY	4042300732526	-	99	-	-
SP 55	STRAIGHT PATH RD	SOUTHERN ST. PKY	4043360732233	-	165	-	-
SP 56	EAST FORKS ROAD	SOUTHERN ST. PKY	4044550731450	-	202	-	-
SP 57	HECKSCHER ST.PKY	MONTAUK HIGHWAY	4044030731009	-	193	-	-
SP 58	ROBERT MOSES PKY	MUNCEY ROAD	4043410731709	-	190	-	-
SP 59	SAGTIKOS PARKWAY	PILGRIM ST. HOSP	4047300731641	-	189	-	-
SP 60	GATEWOOD DRIVE	VETERANS MEM.HWY	4049440731510	-	169	-	-
SP 61	NEW HIGHWAY	VETERANS MEM.HWY	4049360731445	-	169	-	-
SP 62	NEW HIGHWAY	VETERANS MEM.HWY	4049190731543	-	169	-	-
SP 63	SAMBI LANE	FLORIDA AVENUE	4048550731639	-	169	-	-
SP 64	COMMACK ROAD	NORTHERN ST. PKY	4049010731733	-	169	-	-
SP 65	DALY ROAD	BLACKSMITH LANE	4049160731816	-	169	-	-
SP 66	DALY ROAD	BLACKSMITH LANE	4049160731816	-	169	-	-
SP 67	NORTHERN ST. PKY	DALY ROAD	4049380731854	-	169	-	-
SP 68	NORTHERN ST. PKY	VILLANOVA LANE	4049430731940	-	169	-	-
SP 69	DIX HILLS ROAD	NORTHERN ST. PKY	4049230732216	-	133	-	-
SP 70	WOLF HILL ROAD	OLD COUNTRY ROAD	4048420732245	-	133	-	-
SP 71	OLD COUNTRY ROAD	NORTHERN ST. PKY	4047530732406	-	148	-	-
SP 72	ROUND SWAMP ROAD	NORTHERN ST. PKY	4048100732634	-	148	-	-
SP 73	SUNKEN MEADOW	NEW HIGHWAY	4049270731722	-	169	-	-
SP 74	SUNKEN MEADOW	CUTCHOGUE LANE	4050110731649	-	169	-	-
SP 75	SUNKEN MEADOW	VETERANS MEM.HWY	4050280731652	-	169	-	-
SP 76	INDIAN HEAD ROAD	JERICHO TURNPIKE	4050530731647	-	169	-	-
SP 77	INDIAN HEAD ROAD	JERICHO TURNPIKE	4050430731651	-	169	-	-
SP 78	SUNKEN MEADOW	HAYRICK LANE	4051170731647	-	169	-	-
SP 79	SUNKEN MEADOW	OLD NORTHPORT RD	4052380731648	-	174	-	-
SP 80	SUNKEN MEADOW	SCHOLAR LANE	4051330731638	-	169	-	-
SP 81	SUNKEN MEADOW	NORTHPORT ROAD	4052590731622	-	174	-	-
SP 82	SUNKEN MEADOW	NORTHPORT ROAD	4053030731626	-	174	-	-
SP 83	SUNKEN MEADOW	NORTHPORT ROAD	4053060731625	-	174	-	-
ST 1	COMMUNITY DRIVE	L.I.E.	4046520734228	-	-	-	-
ST 2	SHELTER ROCK RD	NORTHERN ST.PKY.	4046240734009	-	72	-	-
ST 3	SEARINGTOWN ROAD	L.I.E.	4046470733940	-	87	-	-
ST 4	L.I.E.	L.I.R.R.	4047060733835	-	83	-	-
ST 5	GLEN COVE ROAD	L.I.E.	4046440733733	-	118	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square feet)	BASIN AREA (square feet)	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN-- STATUS	BASIN-- USE	GEO. UNIT	SOIL UNIT
SN	9	-	-	122.0	-	-	3.0	-	1	1	1	0
SN	10	-	-	52.0	-	-	17.0	-	1	1	1	8
SN	11	-	-	-	-	-	-	-	1	1	1	8
SN	12	-	-	30.0	-	-	17.0	-	1	1	1	8
SN	13	-	-	40.0	-	-	2.0	-	1	1	6	6
SN	14	-	-	140.0	-	-	48.0	-	1	1	6	6
SN	15	-	-	140.0	-	-	47.0	-	1	1	6	5
SN	16	-	-	150.0	-	-	51.0	-	1	1	6	5
SN	17	-	-	20.0	-	-	13.0	-	0	1	1	8
SP	1	-	-	46.0	-	-	13.0	-	1	3	1	3
SP	4	-	-	40.0	-	-	27.0	-	1	3	1	1
SP	9	-	-	47.0	-	-	36.0	-	1	3	1	1
SP	21	-	-	180.0	-	-	80.0	45.1	1	3	1	2
SP	25	-	-	190.0	-	-	82.0	-	1	3	1	2
SP	28	-	-	165.0	-	-	78.0	-	1	3	1	1
SP	36	-	-	100.0	-	-	60.0	-	1	3	1	2
SP	37	-	-	95.0	-	-	62.0	100.0	1	3	1	1
SP	41	-	-	160.0	-	-	42.0	19.0	0	3	1	1
SP	46	-	-	100.0	-	-	55.0	-	1	3	1	2
SP	50	-	-	135.0	-	-	75.0	13.0	1	3	1	1
SP	54	-	-	45.0	-	-	39.0	-	1	3	1	1
SP	55	-	-	50.0	-	-	42.0	-	1	3	1	1
SP	56	-	-	40.0	-	-	30.0	-	1	3	1	3
SP	57	-	-	22.0	-	-	15.0	-	1	3	1	6
SP	58	-	-	40.0	-	-	26.0	-	1	3	1	7
SP	59	-	-	120.0	-	-	49.0	-	1	3	1	1
SP	60	-	-	100.0	-	-	49.0	-	0	3	1	8
SP	61	-	-	60.0	-	-	44.0	-	1	3	1	5
SP	62	-	-	155.0	-	-	50.0	-	1	3	1	3
SP	63	-	-	180.0	-	-	57.0	-	1	3	1	3
SP	64	-	-	115.0	-	-	68.0	-	1	3	1	5
SP	65	-	-	140.0	-	-	71.0	-	1	3	1	3
SP	66	-	-	140.0	-	-	71.0	-	1	3	1	3
SP	67	-	-	180.0	-	-	74.0	-	1	3	5	5
SP	68	-	-	200.0	-	-	73.0	-	1	3	5	5
SP	69	-	-	170.0	-	-	73.0	-	1	3	1	3
SP	70	-	-	170.0	-	-	73.0	-	1	3	1	3
SP	71	-	-	140.0	-	-	77.0	-	1	3	1	1
SP	72	-	-	230.0	-	-	76.0	-	1	3	1	7
SP	73	-	-	120.0	-	-	65.0	-	0	0	0	0
SP	74	-	-	155.0	-	-	63.0	-	1	3	1	3
SP	75	-	-	150.0	-	-	64.0	-	1	3	1	3
SP	76	-	-	145.0	-	-	64.0	-	1	3	1	7
SP	77	-	-	145.0	-	-	64.0	-	1	3	1	1
SP	78	-	-	155.0	-	-	62.0	-	1	3	1	1
SP	79	-	-	150.0	-	-	50.0	-	1	3	1	1
SP	80	-	-	160.0	-	-	60.0	-	1	3	1	1
SP	81	-	-	175.0	-	-	46.0	-	1	3	1	1
SP	82	-	-	175.0	-	-	47.0	-	1	3	1	1
SP	83	-	-	175.0	-	-	45.0	-	1	3	1	1
ST	1	-	225200	140.0	-	-	32.0	21.3	1	3	3	3
ST	2	-	892400	170.0	-	-	44.0	-	1	3	1	1
ST	3	-	289400	140.0	-	-	45.0	94.3	1	3	1	1
ST	4	-	155200	140.0	-	-	50.0	60.3	1	3	1	1
ST	5	-	480000	140.0	-	-	61.0	85.1	1	3	1	1

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY (cubic feet)
ST 6	WHEATLEY ROAD	L.I.E.	4046460733627	-	118	-	-
ST 7	L.I.E.	LEWIS PATH	4047090733621	-	118	-	-
ST 8	POST ROAD	L.I.E.	4046560733539	-	118	-	-
ST 9	L.I.E.	JERICHO TURNPIKE	4046530733331	-	105	-	-
ST 10	L.I.E.	JERICHO TURNPIKE	4046570733330	-	105	-	-
ST 11	L.I.E.	JERICHO TURNPIKE	4047130733209	-	105	-	-
ST 12	CEDAR SWAMP ROAD	JERICHO TURNPIKE	4047280733220	-	105	-	-
ST 13	EAST NORWICH RD.	BROOKVILLE ROAD	4048170733216	-	93	-	-
ST 14	SUGAR TOMS ROAD	HIGHWOOD ROAD	4051090733203	-	98	-	-
ST 15	BERRY HILL ROAD	MCCOUNS LANE	4051370733116	-	119	-	-
ST 16	L.I.R.R.	JERICHO TURNPIKE	4048330733107	-	108	-	-
ST 17	WILLETS DRIVE	DORCAS AVENUE	4048450733020	-	108	-	-
ST 18	COLD SPRNG.HILLS	JERICHO TURNPIKE	4049390732621	-	151	-	-
ST 19	WEST HILLS ROAD	JERICHO TURNPIKE	4049390732520	-	151	-	-
ST 20	DETROIT PLACE	AMITYVILLE ROAD	4049330732448	-	105	-	-
ST 21	WALT WHITMAN RD.	WALT WHITMAN SC	4049090732441	-	105	-	-
ST 22	HOLLAND STREET	FLANDERS AVENUE	4048380732432	-	151	-	-
ST 23	NORTHERN ST. PKY	WALT WHITMAN RD.	4047500732445	-	148	-	-
ST 24	EMERALD LANE	SAPPHIRE PLACE	4049580732250	-	151	-	-
ST 25	ELWOOD ROAD	JERICHO TURNPIKE	4050180732007	-	139	-	-
ST 26	VETERANS MEM HWY	JERICHO TURNPIKE	4050360731723	-	169	-	-
ST 28	LEDGEWOOD DRIVE	JERICHO TURNPIKE	4050510731440	-	169	-	-
ST 29	HAUPPAUGE ROAD	JERICHO TURNPIKE	4051170731112	-	185	-	-
ST 30	TERRY ROAD	JERICHO TURNPIKE	4051190731042	-	158	-	-
ST 31	LYMAN COURT	NORTH COUNTRY RD	4052000731038	-	180	-	-
ST 32	NICHOLS ROAD	MORICHES ROAD	4051450730731	-	227	-	-
ST 33	SMITHTOWN BLVD.	MIDDLE COUNTRY R	4051460730349	-	253	-	-
ST 34	SMITH LANE	MIDDLE COUNTRY R	4051460730349	-	216	-	-
ST 35	DARE ROAD	MIDDLE COUNTRY R	4052080730158	-	244	-	-
ST 36	RIDGE ROAD	RAYNOR ROAD	4053310725413	-	250	-	-
ST 37	PONQUOGUE AVENUE	KING STREET	4052060723251	-	293	-	-
ST 38	GRAVEL ROAD	L.I.R.R. BRIDGE	4057040723426	-	267	-	-
ST 39	OLD MAIN ROAD		4059090723225	-	281	-	-
ST 40	TABOR ROAD	MAIN ROAD	4108400721759	-	286	-	-
ST 41	HAMPTON BAYS RD.	MONTAUK HIGHWAY	4052380723206	-	293	-	-
ST 42	WINDMILL LANE	MONTAUK HIGHWAY	4058290720840	-	317	-	-
ST 43	BELLPORT AVENUE	SUNRISE HIGHWAY	4047320725640	-	236	-	-
ST 44	PATCHOGUE-YAP.RD	SUNRISE HIGHWAY	4047130725751	-	236	-	-
ST 45	SIPP AVENUE	SUNRISE HIGHWAY	4047040725829	-	236	-	-
ST 46	ROBINSON AVENUE	SUNRISE HIGHWAY	4046520725911	-	221	-	-
ST 47	LAKELAND AVENUE	SUNRISE HIGHWAY	4045320730557	-	188	-	-
ST 48	FARMINGDALE ROAD	5TH AVENUE	4042490732302	-	165	-	-
ST 49	FARMINGDALE ROAD	WELLWOOD AVENUE	4042560732353	-	165	-	-
ST 50	FARMINGDALE ROAD	NEW HIGHWAY	4042590732418	-	99	-	-
ST 51	FARMINGDALE ROAD	SOUTHERN ST. PKY	4043080732434	-	99	-	-
ST 52	FARMINGDALE ROAD	BROAD HOLLOW RD.	4043210732536	-	99	-	-
ST 53	FARMINGDALE ROAD	CARMANS ROAD	4043320732558	-	99	-	-
ST 54	BROAD HOLLOW RD.	CONKLIN STREET	4044050732531	-	99	-	-
ST 55	STEWART AVENUE	HEMPSTEAD TPKE.	4043460732857	-	121	-	-
ST 56	NEWBRIDGE ROAD	HEMPSTEAD TPKE.	4043210733240	-	8	-	-
ST 57	BROADWAY	SUNRISE HIGHWAY	4041170732507	-	156	-	-
ST 58	COUNTY LINE ROAD	FRANCINE DRIVE	4041440732537	-	163	-	-
ST 59	BROADWAY	BREFNI STREET	4042190732537	-	163	-	-
ST 60	BROADWAY	L.I.E.	4047090733150	-	105	-	-
ST 61	L.I.R.R.	L.I.E.	4047420733048	-	108	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER		MAX. AREA (square	BASIN AREA feet)	ALTITUDE RIM	OVER-FLOW	BOT-TOM	WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
ST	6	-	250100	133.0	-	-	66.0	30.3	1	3	1	1
ST	7	-	400000	150.0	-	-	67.0	-	1	3	1	1
ST	8	-	-	147.0	-	-	70.0	-	0	3	1	1
ST	9	-	-	155.0	-	-	75.0	101.7	0	3	1	1
ST	10	-	-	170.0	-	-	75.0	48.9	1	3	6	1
ST	11	-	55300	170.0	-	-	77.0	42.5	1	3	1	1
ST	12	-	-	190.0	-	-	77.0	13.9	1	3	1	1
ST	13	-	85500	230.0	-	-	76.0	-	0	3	6	1
ST	14	-	72900	120.0	-	-	52.0	102.3	1	3	3	3
ST	15	-	48800	120.0	-	-	43.0	-	1	3	3	3
ST	16	-	37100	175.0	-	-	75.0	38.7	1	3	1	1
ST	17	-	218300	200.0	-	-	73.0	25.5	1	3	6	1
ST	18	-	72800	160.0	-	150.0	63.0	-	1	3	1	8
ST	19	-	70400	170.0	-	160.0	65.0	-	1	3	1	8
ST	20	-	69200	150.0	-	140.0	67.0	-	1	3	1	7
ST	21	-	68400	150.0	-	-	69.0	-	1	3	1	0
ST	22	-	42100	150.0	-	140.0	74.0	-	1	3	1	7
ST	23	-	74700	135.0	-	-	76.0	-	1	3	1	1
ST	24	-	71200	205.0	-	195.0	68.0	-	1	3	1	9
ST	25	-	199600	-	170.0	-	70.0	-	1	3	1	1
ST	26	-	154700	140.0	-	-	67.0	3.8	1	3	1	7
ST	28	-	71600	50.0	-	-	30.0	-	1	3	1	5
ST	29	-	79400	60.0	-	-	35.0	-	1	3	1	7
ST	30	-	76700	60.0	-	36.0	-	-	1	3	1	1
ST	31	-	59600	130.0	-	-	34.0	-	1	3	1	5
ST	32	-	81900	85.0	-	-	58.0	-	1	3	1	3
ST	33	-	61900	95.0	-	-	55.0	-	1	3	1	8
ST	34	-	44000	95.0	-	-	54.0	-	1	3	1	6
ST	35	-	85000	85.0	-	-	58.0	-	1	3	1	8
ST	36	-	71600	105.0	-	-	50.0	-	1	3	1	3
ST	37	-	-	25.0	-	-	18.0	-	1	3	1	5
ST	38	-	82300	17.0	-	-	2.0	-	1	3	1	1
ST	39	-	133000	20.0	-	-	3.0	-	1	3	1	0
ST	40	-	78400	20.0	-	-	2.0	-	1	3	1	0
ST	41	-	26300	48.0	-	-	8.0	-	1	3	6	5
ST	42	-	71400	25.0	-	-	2.0	-	1	3	1	0
ST	43	-	136000	69.0	-	-	28.0	-	1	3	1	6
ST	44	-	403200	45.0	-	-	29.0	-	1	3	1	3
ST	45	-	146500	45.0	-	-	35.0	-	1	3	1	3
ST	46	-	250800	30.0	-	-	28.0	-	1	3	1	3
ST	47	-	43500	35.0	-	-	26.0	-	1	3	1	5
ST	48	-	30000	45.0	-	-	36.0	-	1	3	1	7
ST	49	-	23000	50.0	-	-	41.0	-	1	3	1	1
ST	50	-	28900	50.0	-	-	42.0	-	1	3	1	1
ST	51	-	26500	55.0	-	-	44.0	-	1	3	1	2
ST	52	-	-	65.0	-	-	48.0	-	1	3	1	1
ST	53	-	93500	60.0	-	-	51.0	-	1	3	1	7
ST	54	-	-	75.0	-	-	52.0	-	1	3	1	8
ST	55	-	64600	78.0	-	-	51.0	70.1	1	3	1	2
ST	56	-	85500	85.0	-	-	55.0	-	1	3	1	2
ST	57	-	48000	30.0	-	-	21.0	-	1	3	1	7
ST	58	-	88400	35.0	-	-	28.0	-	1	3	1	7
ST	59	-	28600	45.0	-	-	39.0	-	1	3	1	1
ST	60	-	-	165.0	-	-	78.0	-	1	3	1	2
ST	61	-	451800	175.0	-	-	79.0	70.3	1	3	1	2

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
ST 63	WOODBURY ROAD	L.I.E.	4047530732852	-	128	-	-
ST 64	PLAINVIEW ROAD	L.I.E.	4047490732849	-	122	-	-
ST 65	SUNNYSIDE BLVD.	L.I.E.	4047350732801	-	122	-	-
ST 66	WASHINGTON AVE.	L.I.E.	4047140732734	-	122	-	-
ST 67	ROUND SWAMP ROAD	L.I.E.	4047140732644	-	148	-	-
ST 68	BROADWAY	JERICHO TURNPIKE	4047140733158	-	105	-	-
ST 69	EAST NORWICH RD.	JERICHO TURNPIKE	4047550733220	-	105	-	-
ST 70	BROOKVILLE ROAD	JERICHO-O.B. RD.	4047510733235	-	115	-	-
ST 71	CHAPIN ROAD	SEAFORD O.B.EXP.	4043360732831	-	92	-	-
ST 72	CENTRAL PARK RD.	SYDNEY STREET	4047000732849	-	122	-	-
ST 73	SEAFORD O.B.EXP.	SOUTHERN ST. PKY	4047200732913	-	46	-	-
ST 74	SEAFORD O.B.EXP.	PHIPPS LANE	4046510732904	-	122	-	-
ST 75	SEAFORD O.B.EXP.	L.I.E.	4048120732912	-	128	-	-
ST 76	CARNATION AVENUE	LILY STREET	4043280734237	-	55	-	-
ST 78	WALT WHITMAN RD.	L.I.E.	4046500732533	-	148	-	-
ST 79	OLD EAST NECK RD	L.I.E.	4047000732358	-	148	-	-
ST 80	UPPER HALF HOL.	L.I.E.	4047380732220	-	143	-	-
ST 81	WOODSEND ROAD	L.I.E.	4047280732129	-	133	-	-
ST 82	DEER PARK AVENUE	L.I.E.	4047370732039	-	133	-	-
ST 83	CARL'S STRAIGHT	L.I.E.	4047520731918	-	133	-	-
ST 84	CARL'S STRAIGHT	L.I.E.	4047520731911	-	133	-	-
ST 87	WILLIAM FLOYD PK	SUNRISE HIGHWAY	4048060725217	-	230	-	-
ST 88	LAMBERT AVENUE	SUNRISE HIGHWAY	4048430725101	-	230	-	-
ST 89	MORICHES-YAP.RD.	SUNRISE HIGHWAY	4049180724928	-	217	-	-
ST 90	JERUSLAEM HOLLOW	SUNRISE HIGHWAY	4049210724845	-	217	-	-
ST 91	COZINE(WINES)RD.	SUNRISE HIGHWAY	4049200724749	-	217	-	-
ST 92	E.MORICHES-MANOR	SUNRISE HIGHWAY	4049280724640	-	220	-	-
ST 93	E.MORICHES-RIVER	SUNRISE HIGHWAY	4049560724500	-	220	-	-
ST 94	RIVERHEAD-HAMP.R	MONTAUK HIGHWAY	4052310723136	-	293	-	-
ST 95	WASHINGTON HTS.	RIVERHEAD ROAD	4053080723101	-	293	-	-
ST 96	BENNETTS ROAD	NORTH COUNTRY RD	4055430730658	-	254	-	-
ST 97	BENNETTS ROAD	NORTH COUNTRY RD	4055550730701	-	254	-	-
ST 98	RIDGEWAY AVENUE	MAIN STREET	4056140730640	-	223	-	-
ST 99	CROOKED HILL RD.	L.I.E.	4048080731657	-	189	-	-
ST 100	WICKS ROAD	L.I.E.	4048160731615	-	189	-	-
ST 101	WICKS ROAD	L.I.E.	4048160731541	-	189	-	-
ST 103	WINFIELD AVENUE	L.I.E.	4048170731441	-	189	-	-
ST 104	OLD WILLETS PATH	L.I.E.	4048300731422	-	189	-	-
ST 106	MOTOR PARKWAY	L.I.E.	4048290731134	-	196	-	-
ST 107	VETERANS MEM.HWY	L.I.E.	4048360731108	-	196	-	-
ST 108	VETERANS MEM.HWY	L.I.E.	4048280731047	-	196	-	-
ST 109	SEAFORD O.B.EXP.	HEMPSTEAD TPKE.	4043190732829	-	121	-	-
ST 110	SEAFORD O.B.EXP.	CENTRAL AVENUE	4044100732828	-	92	-	-
ST 111	SEAFORD O.B.EXP.	CENTRAL AVENUE	4044180732825	-	92	-	-
ST 112	SEAFORD O.B.EXP.	L.I.R.R.	4044160732832	-	92	-	-
ST 113	SEAFORD O.B.EXP.	GILDO PLACE	4045010732833	-	92	-	-
ST 114	SEAFORD O.B.EXP.	HAY PATH ROAD	4045340732836	-	122	-	-
ST 115	SEAFORD O.B.EXP.	PLAINVIEW ROAD	4045380732832	-	92	-	-
ST 116	NEWBRIDGE ROAD	SOUTHERN ST. PKY	4041460733245	-	32	-	-
ST 117	DALY ROAD	JERICHO TURNPIKE	4050170731929	-	139	-	-
ST 118	MAGNOLIA DRIVE	JERICHO TURNPIKE	4051470730245	-	244	-	-
ST 119	DEER PARK AVENUE	EASTON AVENUE	4044260731921	-	159	-	-
ST 120	BROAD HOLLOW RD.	CARMANS ROAD	4043540732532	-	99	-	-
ST 121	FULTON ROAD	CARMAN ROAD	4043320732552	-	99	-	-
ST 122	BURR'S LANE	L.I.E.	4047290732203	-	143	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER	MAX. AREA (square feet)	BASIN AREA	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
ST 63	-	224000	185.0	-	79.0	-	112.5	1	3	1	1
ST 64	-	87500	190.0	-	-	80.0	-	1	3	1	2
ST 65	-	-	195.0	-	-	77.0	46.8	1	3	8	1
ST 66	-	243000	190.0	-	-	76.0	40.1	1	3	8	1
ST 67	-	390000	205.0	-	-	74.0	-	1	3	1	1
ST 68	-	60300	200.0	-	-	76.0	-	1	3	1	1
ST 69	-	55200	210.0	-	-	75.0	-	1	3	6	1
ST 70	-	79900	220.0	-	-	75.0	12.5	1	3	6	1
ST 71	-	445300	82.0	-	-	60.0	-	1	3	1	1
ST 72	-	78000	160.0	-	-	81.0	-	1	3	1	2
ST 73	-	102000	175.0	-	-	82.0	-	1	3	1	2
ST 74	-	68900	160.0	-	-	82.0	25.9	1	3	1	2
ST 75	-	125100	200.0	-	-	77.0	61.4	1	3	1	2
ST 76	-	50000	91.0	-	-	25.0	-	1	3	1	1
ST 78	-	124800	115.0	-	-	70.0	-	0	3	1	3
ST 79	-	80000	125.0	-	-	68.0	-	1	3	1	1
ST 80	-	223100	200.0	-	-	62.0	-	1	3	1	1
ST 81	-	99000	180.0	-	-	62.0	-	1	3	8	5
ST 82	-	130000	125.0	-	-	60.0	-	1	3	1	1
ST 83	-	-	130.0	-	-	59.0	-	1	3	1	1
ST 84	-	-	130.0	-	-	59.0	-	1	3	1	1
ST 87	-	160500	55.0	-	-	16.0	-	1	3	1	3
ST 88	-	92100	40.0	-	-	23.0	-	1	3	1	3
ST 89	-	222000	55.0	-	-	20.0	-	1	3	1	5
ST 90	-	226200	40.0	-	-	20.0	-	1	3	1	5
ST 91	-	129000	60.0	-	-	22.0	-	1	3	1	6
ST 92	-	120000	50.0	-	-	26.0	-	1	3	1	3
ST 93	-	311300	45.0	-	-	31.0	-	1	3	1	1
ST 94	-	57600	40.0	-	-	3.0	-	1	3	6	5
ST 95	-	72400	95.0	-	-	2.0	-	1	3	6	5
ST 96	-	136000	50.0	-	-	30.0	-	0	3	3	7
ST 97	-	105000	40.0	-	-	30.0	-	1	3	3	7
ST 98	-	96000	80.0	-	-	25.0	-	1	3	3	3
ST 99	-	400000	140.0	-	-	50.0	-	1	3	1	1
ST 100	-	100000	135.0	-	-	41.0	-	1	3	1	7
ST 101	-	100000	145.0	-	-	48.0	-	1	3	1	7
ST 103	-	111800	130.0	-	-	46.0	-	1	3	1	7
ST 104	-	192000	140.0	-	-	45.0	-	1	3	1	3
ST 106	-	126000	120.0	-	-	39.0	-	1	3	6	3
ST 107	-	-	125.0	-	-	40.0	-	1	3	1	1
ST 108	-	114800	85.0	-	-	38.0	-	1	3	1	1
ST 109	-	116400	80.0	-	-	53.0	38.0	1	3	1	2
ST 110	-	176200	80.0	-	-	60.0	7.8	0	3	1	6
ST 111	-	226000	85.0	-	-	60.0	76.4	0	3	1	6
ST 112	-	161200	90.0	-	-	60.0	72.1	0	3	1	1
ST 113	-	422400	95.0	-	-	68.0	269.5	1	3	1	1
ST 114	-	162000	120.0	-	-	73.0	112.9	1	3	1	1
ST 115	-	235000	115.0	-	-	73.0	81.0	0	3	1	1
ST 116	-	80900	50.0	-	-	32.0	132.8	1	3	1	6
ST 117	-	65800	155.0	-	-	71.0	-	1	3	1	7
ST 118	-	90200	105.0	-	-	58.0	-	1	3	1	5
ST 119	-	53200	43.0	-	-	36.0	-	1	3	1	7
ST 120	-	153000	70.0	-	-	52.0	-	1	3	1	8
ST 121	-	90000	60.0	-	-	51.0	-	1	3	1	1
ST 122	-	107300	210.0	-	-	61.0	-	1	3	6	1

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY (cubic feet)
ST 123	E.MORICHES-RIVER	EASTPORT MANOR R	4050050724421	-	219	-	-
ST 124	SEATUCK AVENUE	OLD COUNTRY ROAD	4049360724449	-	219	-	-
ST 125	SEATUCK AVENUE	L.I.R.R.	4049320724406	-	219	-	-
ST 126	HAWKTON PLACE	JERICHO TURNPIKE	4051400730654	-	216	-	-
ST 127	PARK STREET	KING STREET	4053140731619	-	174	-	-
ST 128	PARK AVENUE	JERICHO TURNPIKE	4050000732147	-	133	-	-
ST 129	HALES ROAD	MAIN ROAD	4108540721729	-	286	-	-
ST 130	MILL RIVER ROAD	REMSEN LANE	4050560733248	-	98	-	-
ST 131	OYSTER BAY ROAD	N.HEMPSTEAD TPK.	4050560733157	-	98	-	-
ST 132	SPLIT ROCK ROAD	N.HEMPSTEAD TPK.	4050420733114	-	98	-	-
ST 133	SEAFORD O.B.EXP.	JERUSALEM AVENUE	4041300732944	-	38	-	-
ST 134	SEAFORD O.B.EXP.	SOUTHERN ST. PKY	4042130732920	-	38	-	-
ST 135	SEAFORD O.B.EXP.	ARLINGTON DRIVE	4042300732906	-	110	-	-
ST 136	SEAFORD O.B.EXP.	KILDARE CRESCENT	4042400732904	-	121	-	-
ST 137	SEAFORD O.B.EXP.	KILDARE CRESCENT	4042400732901	-	121	-	-
ST 138	HALF HOLLOW ROAD	L.I.E.	4047090732340	-	143	-	-
ST 139	NICHOLS ROAD	L.I.E.	4048260730947	-	200	-	-
ST 140	NICHOLS ROAD	L.I.E.	4048290730925	-	200	-	-
ST 141	BREEZE AVENUE	L.I.E.	4048440730846	-	252	-	-
ST 142	OCEAN AVENUE	L.I.E.	4048490730755	-	252	-	-
ST 143	POND ROAD	L.I.E.	4048430730712	-	252	-	-
ST 144	RONKONKOMA AVE.	L.I.E.	4048400730639	-	252	-	-
ST 145	CARROLL AVENUE	L.I.E.	4048400730609	-	252	-	-
ST 146	PATCHOGUE-HOL.RD	L.I.E.	4048520730509	-	252	-	-
ST 147	HOLBROOK ROAD	L.I.E.	4048570730444	-	252	-	-
ST 148	SAMPSON AVENUE	L.I.E.	4048230730931	-	200	-	-
ST 149	JERICHO-O.B. RD.	IRONWOOD ROAD	4048440733201	-	115	-	-
ST 150	JERICHO-O.B. RD.	MUTTONTOWN ROAD	4049460733148	-	115	-	-
ST 151	JERICHO-O.B. RD.	FARM HILL LANE	4050140733150	-	115	-	-
ST 152	PORT JEFF-PATCH.	MIDDLE COUNTRY R	4052140730015	-	218	-	-
ST 153	SHIPYARD LANE	MAIN ROAD	4107100722057	-	278	-	-
ST 154	BROAD HOLLOW RD.	SMITH STREET	4045270732524	-	99	-	-
ST 155	MAKAMAH ROAD	FORT SALONGA RD.	4054330731854	-	171	-	-
ST 156	MEDFORD FORD	BARTON AVENUE	4047080730031	-	242	-	-
ST 157	DEER PARK AVENUE	LONG ISLAND AVE.	4045420731953	-	159	-	-
ST 158	DEER PARK AVENUE	L.I.E.	4047520732038	-	143	-	-
ST 160	HILLSIDE AVENUE	JERICHO TURNPIKE	4045340733701	-	118	-	-
ST 161	POST ROAD	JERICHO TURNPIKE	4046000733531	-	118	-	-
ST 162	HITCHCOCK LANE	JERICHO TURNPIKE	4046070733500	-	118	-	-
ST 163	POWELL LANE	JERICHO TURNPIKE	4046220733429	-	118	-	-
ST 164	MAIN STREET	L.I.R.R.	4056060730316	-	249	-	-
ST 165	MAIN STREET	L.I.R.R.	4056060730302	-	218	-	-
ST 166	OLD TOWN ROAD	MAIN STREET	4056300730623	-	223	-	-
ST 167	BENNETTS ROAD	DETMER ROAD	4055510730644	-	223	-	-
ST 168	MAIN STREET	HALLOCK AVENUE	4056380730438	-	249	-	-
ST 169	HORSE BLOCK ROAD	L.I.E.	4049240725851	-	232	-	-
ST 170	HORSE BLOCK ROAD	L.I.E.	4049140725812	-	232	-	-
ST 171	PATCHOGUE-YAP.RD	L.I.E.	4049420725602	-	261	-	-
ST 172	YAPHANK ROAD	L.I.E.	4049530725502	-	261	-	-
ST 173	MIDDLE ISLAND RD	L.I.E.	4050110725416	-	255	-	-
ST 174	WILLIAM FLOYD PK	L.I.E.	4050310725307	-	255	-	-
ST 175	WILLIAM FLOYD PK	L.I.E.	4050380725305	-	215	-	-
ST 176	WILLIAM FLOYD PK	L.I.E.	4050420725214	-	255	-	-
ST 177	L.I.R.R.	L.I.E.	4051080725143	-	255	-	-
ST 178	L.I.R.R.	L.I.E.	4051110725117	-	215	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER	MAX. AREA (square feet)	BASIN AREA	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
ST 123	-	58800	30.0	-	-	25.0	-	1	3	1	5
ST 124	-	82900	40.0	-	-	24.0	-	0	3	1	6
ST 125	-	60100	30.0	-	-	15.0	-	1	3	1	3
ST 126	-	69400	100.0	-	-	54.0	-	1	3	1	3
ST 127	-	174700	185.0	-	-	42.0	-	1	3	1	3
ST 128	-	44800	175.0	-	-	70.0	-	0	3	1	1
ST 129	-	52500	17.0	-	-	2.0	-	1	3	1	0
ST 130	-	116400	110.0	-	-	53.0	-	0	3	3	3
ST 131	-	80000	115.0	-	-	55.0	33.1	1	3	3	3
ST 132	-	122100	140.0	-	-	56.0	26.7	0	3	3	1
ST 133	-	230000	115.0	-	-	52.0	29.9	0	3	1	0
ST 134	-	65000	55.0	-	-	37.0	9.7	1	3	1	1
ST 135	-	62500	60.0	-	-	45.0	12.4	1	3	1	3
ST 136	-	23100	60.0	-	-	44.0	49.3	1	3	1	3
ST 137	-	15000	60.0	-	-	44.0	21.4	1	3	1	3
ST 138	-	-	135.0	-	-	68.0	-	1	3	1	1
ST 139	-	140000	75.0	-	-	41.0	-	1	3	1	3
ST 140	-	100000	70.0	-	-	41.0	-	1	3	1	3
ST 141	-	-	55.0	-	-	44.0	-	1	3	1	6
ST 142	-	-	140.0	-	-	48.0	-	1	3	6	6
ST 143	-	173300	105.0	-	-	47.0	-	1	3	1	7
ST 144	-	-	110.0	-	-	47.0	-	1	3	1	7
ST 145	-	122500	95.0	-	-	47.0	-	1	3	1	7
ST 146	-	-	120.0	-	-	47.0	-	1	3	1	6
ST 147	-	154000	110.0	-	-	47.0	-	1	3	1	6
ST 148	-	672000	70.0	-	-	40.0	-	1	3	1	3
ST 149	-	114000	245.0	-	-	72.0	-	0	3	6	1
ST 150	-	96000	215.0	-	-	70.0	-	0	3	1	1
ST 151	-	213000	200.0	-	-	62.0	17.3	0	3	4	1
ST 152	-	136000	90.0	-	-	60.0	-	0	3	1	6
ST 153	-	90000	20.0	-	-	-	-	1	3	1	0
ST 154	-	103100	90.0	-	-	60.0	-	1	3	1	1
ST 155	-	45000	40.0	-	-	27.0	-	1	3	3	5
ST 156	-	112500	50.0	-	-	30.0	-	1	3	1	6
ST 157	-	102400	70.0	-	-	44.0	-	1	3	1	7
ST 158	-	93900	150.0	-	-	61.0	-	1	3	1	1
ST 160	-	89700	100.0	-	-	64.0	-	1	3	1	1
ST 161	-	60000	125.0	-	-	71.0	-	1	3	1	1
ST 162	-	63000	125.0	-	-	72.0	-	1	3	1	1
ST 163	-	71400	135.0	-	-	73.0	69.1	1	3	1	1
ST 164	-	-	190.0	-	-	37.0	-	1	3	1	1
ST 165	-	-	180.0	-	-	37.0	-	1	3	4	5
ST 166	-	-	60.0	-	-	15.0	-	1	3	3	1
ST 167	-	-	105.0	-	-	32.0	-	1	3	3	3
ST 168	-	-	110.0	-	-	20.0	-	1	3	3	3
ST 169	-	343000	90.0	-	-	41.0	-	1	3	1	7
ST 170	-	-	100.0	-	-	41.0	-	1	3	1	3
ST 171	-	116300	57.0	-	-	36.0	-	1	3	1	3
ST 172	-	87500	50.0	-	-	24.0	-	1	3	1	3
ST 173	-	-	50.0	-	-	27.0	-	1	3	1	3
ST 174	-	-	95.0	-	-	34.0	-	1	3	6	6
ST 175	-	-	75.0	-	-	34.0	-	1	3	1	3
ST 176	-	160000	70.0	-	-	35.0	-	1	3	1	6
ST 177	-	45100	50.0	-	-	36.0	-	1	3	1	3
ST 178	-	70500	65.0	-	-	36.0	-	1	3	1	3

Appendix.--Location and basic physical features of recharge basins on Long Island,

BASIN NUMBER	NEAREST INTERSECTION		LATITUDE LONGITUDE o ' " o ' "	DATE BUILT YrMoD	COMMUNITY	DESIGN CAPACITY (cubic feet)	ACTUAL CAPACITY
ST 179	WEEKS AVENUE	L.I.E.	4051170725039	-	215	-	-
ST 180	WEEKS AVENUE	L.I.E.	4051250725037	-	215	-	-
ST 181	WEEKS AVENUE	L.I.E.	4051320725001	-	215	-	-
ST 182	WADING RIVER RD.	L.I.E.	4051570724934	-	215	-	-
ST 183	WADING RIVER RD.	L.I.E.	4051530724920	-	215	-	-
ST 184	RYERSON AVENUE	L.I.E.	4052230724839	-	215	-	-
ST 185	RYERSON AVENUE	L.I.E.	4052140724832	-	215	-	-
ST 186	PORT JEF-W.HAM.R	L.I.E.	4052150724815	-	215	-	-
ST 187	GREENLAWN-BDWY.R	DIX HILLS ROAD	4050090732216	-	141	-	-
ST 188	DEER PARK AVENUE	STRAIGHT PATH	4046570732024	-	143	-	-
ST 190	WASHINGTON AVE.	L.I.E.	4049110730257	-	226	-	-
ST 191	NICOLLS ROAD	L.I.E.	4049110730311	-	226	-	-
ST 192	BLUE POINT ROAD	L.I.E.	4049100730225	-	226	-	-
ST 193	OCEAN AVENUE	L.I.E.	4049140730120	-	224	-	-
ST 194	MEDFORD AVENUE	L.I.E.	4049180730053	-	232	-	-
ST 195	OHIO AVENUE	L.I.E.	4049320730038	-	232	-	-
ST 196	MEDFORD ROAD	L.I.E.	4049200725948	-	232	-	-
ST 197	CALIFORNIA AVE.	L.I.E.	4049180725909	-	232	-	-
ST 198	HORSE BLOCK ROAD	L.I.E.	4049150725832	-	232	-	-
ST 199	HALSEY MANOR RD.	L.I.E.	4052370724657	-	264	-	-
ST 200	HALSEY MANOR RD.	L.I.E.	4053010724608	-	264	-	-
ST 201	EDWARDS AVENUE	L.I.E.	4053340724524	-	264	-	-
ST 202	EDWARDS AVENUE	L.I.E.	4054110724429	-	264	-	-
ST 203	WILLIAM FLOYD PK	MIDDLE COUNTRY R	4053480725257	-	250	-	-
ST 204	NEWBRIDGE ROAD	HEMPSTEAD TPKE.	4043390733214	-	8	-	-
ST 205	LORING ROAD	HEMPSTEAD TPKE.	4043220733205	-	25	-	-
ST 206	NEWBRIDGE ROAD	SALISBURY PK.DR.	4043590733221	-	25	-	-
ST 207	NEWBRIDGE ROAD	GREENBELT LANE	4044110733221	-	25	-	-
ST 208	NEWBRIDGE ROAD	FORDHAM AVENUE	4045020733156	-	104	-	-
ST 209	BROWNS ROAD	NESCONSET HWY.	4051250730830	-	177	-	-
ST 210	MEADOWBROOK PKY.	HEMPSTEAD TPKE.	4042590733558	-	14	-	-
ST 211	MEADOWBROOK PKY.	HEMPSTEAD TPKE.	4043120733558	-	14	-	-
ST 212	MEDFORD AVENUE	COLUMBIA STREET	4046040730017	-	221	-	-
ST 213	MEDFORD AVENUE	JAMES STREET	4046270730027	-	221	-	-
ST 214	MANOR LANE	SUNRISE HIGHWAY	4043470731647	-	202	-	-
ST 215	MIDDLE COUNTRY R	L.I.E.	4055190724342	-	269	-	-
ST 216	OLD COUNTRY ROAD	L.I.E.	4055230724333	-	269	-	-

N.Y. [Dash indicates no data. Altitudes are in feet above sea level.] (cont.)

BASIN NUMBER	MAX. AREA (square feet)	BASIN AREA (square feet)	ALTITUDE RIM	ALTITUDE OVER-FLOW	ALTITUDE BOT-TOM	ALTITUDE WATER TABLE	DRAIN. AREA (acres)	BASIN STATUS	BASIN USE	GEO. UNIT	SOIL UNIT
ST 179	-	-	50.0	-	-	35.0	-	1	3	1	6
ST 180	-	-	52.0	-	-	37.0	-	1	3	1	6
ST 181	-	127600	50.0	-	-	35.0	-	1	3	1	3
ST 182	-	-	40.0	-	-	35.0	-	1	3	1	6
ST 183	-	-	45.0	-	-	35.0	-	1	3	1	6
ST 184	-	-	45.0	-	-	36.0	-	1	3	1	6
ST 185	-	-	45.0	-	-	35.0	-	1	3	1	6
ST 186	-	-	55.0	-	-	35.0	-	1	3	1	6
ST 187	-	41200	180.0	-	-	68.0	-	0	3	1	7
ST 188	-	96000	95.0	-	-	56.0	-	0	3	1	3
ST 190	-	160000	117.0	-	-	45.0	-	1	3	1	6
ST 191	-	150000	122.0	-	-	45.0	-	1	3	1	5
ST 192	-	227500	110.0	-	-	43.0	-	1	3	1	6
ST 193	-	327000	60.0	-	-	44.0	-	1	3	1	5
ST 194	-	-	90.0	-	-	44.0	-	1	3	1	3
ST 195	-	67600	90.0	-	-	45.0	-	1	3	1	3
ST 196	-	151200	85.0	-	-	41.0	-	1	3	1	6
ST 197	-	93500	95.0	-	-	40.0	-	1	3	1	3
ST 198	-	180000	85.0	-	-	41.0	-	1	3	1	5
ST 199	-	-	50.0	-	-	34.0	-	1	3	1	5
ST 200	-	135700	50.0	-	-	35.0	-	1	3	1	6
ST 201	-	363000	105.0	-	-	35.0	-	1	3	1	3
ST 202	-	287000	40.0	-	-	30.0	-	1	3	1	6
ST 203	-	-	80.0	-	-	52.0	-	1	3	1	3
ST 204	-	30500	90.0	-	-	60.0	24.7	1	3	1	2
ST 205	-	239500	75.0	-	-	55.0	112.0	1	3	1	2
ST 206	-	35500	100.0	-	-	63.0	-	1	3	1	2
ST 207	-	64800	105.0	-	-	65.0	-	1	3	1	2
ST 208	-	48600	125.0	-	-	71.0	-	1	3	1	2
ST 209	-	60000	100.0	-	-	60.0	-	1	3	1	1
ST 210	-	70300	-	-	-	69.0	-	1	3	1	2
ST 211	-	123200	75.0	-	-	60.0	-	1	3	1	2
ST 212	-	57000	20.0	-	-	18.0	-	1	3	1	6
ST 213	-	53000	25.0	-	-	18.0	-	1	3	1	6
ST 214	-	-	40.0	-	-	27.0	-	1	3	1	1
ST 215	-	-	60.0	-	-	28.0	-	1	3	1	1
ST 216	-	-	60.0	-	-	28.0	-	1	3	1	1