

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Withdrawals of Ground Water for Public and Institutional  
Water Supply in Suffolk County, Long Island, N. Y.

By

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Prepared in Cooperation with the

NEW YORK STATE WATER POWER AND CONTROL COMMISSION  
SUFFOLK COUNTY BOARD OF SUPERVISORS  
SUFFOLK COUNTY WATER AUTHORITY

Mineola, N. Y.

May 1951

SI-145

This report is a compilation of data on the public and institutional water supplies of Suffolk County, N. Y. These data were gathered in the course of water investigations made by the U. S. Geological Survey since 1932 through the yearly cooperative programs arranged with the New York State Water Power and Control Commission, the Suffolk County Board of Supervisors, and the Suffolk County Water Authority.

In 1936 Thompson and Leggette 1/ prepared a report on withdrawals of ground

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1/ Withdrawals of ground water on Long Island, N. Y.: New York State Water Power and Control Comm. Bull. GW-1, 1936.

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water, at that time limiting their studies to Kings, Queens, and Nassau Counties. The present report on Suffolk County, delayed by World War II, gives the records of withdrawals for the more important supplies in operation in Suffolk County up to the close of 1948.

The report is mainly a statistical summary of data in the form of a table (1) listing alphabetically some 75 water-supplies in Suffolk County, with a brief description of each one; a table (2) giving the average daily withdrawals from each water supply; a table (3) showing the average daily totals by years, and a map (pl. 1) showing the location of each water supply. In tables 2 and 3, withdrawal figures are given separately for public water supply and <sup>institutional</sup> industrial supply. In table 3 a total figure for the two is given for each year.

The statistical data used in this report were obtained from various sources. Metered records of pumpage were supplied by the larger water systems, which represent about two-fifths of the total number of systems reported. Records for the smaller water supplies were taken chiefly from reports prepared each year for the Public Service Commission. Some records are based on estimates determined from pumping rates, using the pump capacities as a basis. A number of small water users were unable to furnish sufficient data to permit making reliable estimates. In such cases the Geological Survey prepared estimates, using data shown on well-

drilling permits on file at the office of the New York State Water Power and Control Commission and additional data at the time these supplies were visited for water samples. In a number of instances the pumpage of the early years of production is not given or is fragmentary. This was due to lack of records in most cases, and in a few cases loss of records for early years or intervening years, and therefore these meager data were felt to be insufficient and no estimates were prepared.

Geological correlations of the water sources have been made by members of the Geological Survey. The results of temperature, chloride, hardness, and alkalinity determinations are given where a water sample was collected. Water-quality data were obtained from some water companies, and from water analyses made by the Suffolk County Department of Public Health, the New York State Department of Health, and the Geological Survey, as shown in the tabulations.

The average daily pumpage for listings in the early 1900's were taken from a report by Veatch. 2/. The intervening years were left out because of lack of

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2/. Veatch, A. C., and others, Underground water resources of Long Island, N.Y.:  
U. S. Geol. Survey Prof. Paper 44, 1906.

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sufficient data upon which to make reliable estimates.

The data from which this compilation was made are in the open file in the Mineola office of the Geological Survey, 280 Old Country Road.

Table 2. Average withdrawal in million gallons daily for public and institutional water supply by owner in Suffolk County, Long Island, N. Y.

Public Water Supply

Owner	Map code	1925	1930	1935	1940	1941	1942	1943	1944	1945	1946	1947	1948
Allen Properties Inc.	A-a									0.004	0.004	0.015	0.015
Amagansett Water Co., Inc.	A-b			0.103	0.095	0.093	0.108	0.123	0.117	0.095	0.101	0.108	0.105
Appel, Elsie M.	A-c	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Brentwood Water Dist.	B-a				0.019	0.021	0.023	0.024	0.030	0.035	0.041	0.051	0.083
Bridgehampton Water Dist.	B-b				0.056	0.055	0.050	0.063	0.081	0.065	0.070	0.074	0.075
	B-c												
Cedar Grove Park	C-a									0.005	0.005	0.005	0.005
Crystal Brook Park Assoc.	C-d									0.002	0.002	0.002	0.002
Culross Corp.	C-e									0.004	0.004	0.004	0.004
Dawn Estates	D-a									0.008	0.008	0.008	0.008
Dering Harbor, Village of	D-b									0.007	0.007	0.007	0.007
Forrest Brook Acres	F-a										0.003	0.003	0.005
Great South Beach Improvement Co.	G-a										0.004	0.004	0.004
Greenlawn Water Dist.	G-b		0.063	0.085	0.100	0.100	0.101	0.101	0.110	0.120	0.156	0.148	0.162
	G-c												
	G-d												
Greenport, Village of	G-e			0.196	0.228	0.259	0.280	0.337	0.279	0.307	0.312	0.311	0.359
	G-f												
	G-g												

Table 2. Average withdrawal in million gallons daily for public and institutional water supply by owner in Suffolk County, Long Island, N. Y.—Continued

Public Water Supply

Owner	Map code	1925	1930	1935	1940	1941	1942	1943	1944	1945	1946	1947	1948
Griffin, Edward C.	G-h									0.001	0.001	0.001	0.001
Groveland Park Estate	G-i									.001	.001	.001	.001
Hampton Bays Water Dist.	H-a								0.067	.069	.079	.091	.112
Home Water Co.	H-b				0.373	0.371	0.288	0.348	.434	.436	.398	.392	.405
Lakeview Beach Inc.	L-a		0.001	0.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
Lakoma Manor	L-b		.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
Laurentson, H.	L-c									.016	.016	.016	.016
Long Island State Park Comm.													
Babylon	L-d			.010	.010	.010	.010	.010	.010	.010	.010	.010	.017
Fire Island	L-e				.003	.003	.003	.003	.003	.003	.003	.003	.003
Hither Hills	L-f		.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.005
Montauk	L-g					.001					.001	.001	.001
Orient Beach	L-h			.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
	L-i												
Sunken Meadow	L-j			.010	.010	.010	.010	.010	.010	.010	.010	.010	.012
Wildwood	L-k			.003	.003	.003	.003	.003	.003	.003	.003	.003	.004
Montauk Water Supply	M-b												
	to									.040	.040	0.25	.054
	M-k												

Table 2. Average withdrawal in million gallons daily for public and institutional water supply by owner in Suffolk County, Long Island, N. Y.—Continued

Public Water Supply

Owner	Map code	1925	1930	1935	1940	1941	1942	1943	1944	1945	1946	1947	1948
New York Water Service Corp.													
Babylon	N-b				.0.123	.0.284	.0.357	.0.332	.0.383	.0.389	.0.429	.0.449	.0.475
W. Babylon	N-c		.0.616	.0.382	.374	.262	.004	.003	.016	.001	.002	.004	.022
Centerport	N-d				.248	.246	.354	.401	.595	.479	.536	.675	.821
Huntington	N-e		.718	.900	.701	.662	.562	.615	.673	.657	.655	.695	.637
	N-f												
Sag Harbor	N-g				.108	.117	.105	.102	.108	.125	.115	.115	.130
North Fork Water Co.	N-h										.008	.010	.025
Northport Water Works Co.	N-i		.384		.400	.400	.400	.403	.458	.449	.566	.561	.577
Oakwood Park Corp.	O-a						.008	.006	.009	.007	.021	.020	.017
Ocean Beach, Village of	O-b									.041	.044	.047	.049
Pipe Stave Hollow	P-b								.020	.020	.020	.020	.020
	P-c												
Point O'Woods Assoc.	P-d									.006	.006	.006	.006
Reeves Park Beach Co.	R-a									.002	.002	.002	.002
	to												
	R-e												
Riverhead Water Dist.	R-f	.0.100	.100	.226	.249	.262	.268	.329	.382	.384	.349	.356	.410
Saltaire, Village of	S-a									.007	.007	.007	.007

1508 2,203

Table 2. Average withdrawal in million gallons daily for public and institutional water supply by owner in Suffolk County, Long Island, N. Y.—Continued

Public Water Supply

Owner	Map code	1925	1930	1935	1940	1941	1942	1943	1944	1945	1946	1947	1948
Scotts Beach Inc.	S-b												0.006
Shelter Island Heights Assoc.	S-c	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028
Shoreham Water Co.	S-d									0.007	0.016	0.016	0.016
Sini, Anthony	S-e									0.005	0.005	0.005	0.008
Solid Building Co., Inc.	S-f									0.001	0.001	0.001	0.001
South Bay Consolidated Water Co.													
Amityville	S-g	.258	.294	.060	.001	.001	.006	.009	.031	.008	.015	.027	.040
Bayport	S-h				.490	.466	.424	.397	.476	.521	.656	.777	.946
Bayshore	S-i				.717	.754	.745	1.071	1.185	1.281	1.248	1.427	1.387
Bellport	S-j				.012	.010	.008	.008	.010	.002	.005	.012	.013
King's Park	S-k			.045	.065	.069	.069	.059	.062	.062	.076	.094	.097
Oakdale	S-l				.687	.796	.741	.752	.821	.785	.727	.704	.699
Patchogue	S-m			.475	.007		.019		.023				
Port Jefferson	S-n			.232	.325	.333	.298	.302	.316	.331	.354	.454	.454
Smithtown	S-o			.030	.037	.038	.038	.043	.045	.051	.075	.110	.128
Southampton	S-p		.616	.255	.259	.265	.201	.225	.270	.306	.303	.301	.311
Westhampton	S-q			.261	.228	.204	.157	.265	.314	.332	.380	.367	.294

1,386 2.876



Table 2. Average withdrawal in million gallons daily for public and institutional water supply by owner in Suffolk County, Long Island, N. Y.---Continued

Public Water Supply

Owner	Map code	1925	1930	1935	1940	1941	1942	1943	1944	1945	1946	1947	1948
South Huntington Water Dist.	S-r		0.276	0.107	0.143	0.191	0.191	0.201	0.197	0.190	0.198	0.197	0.228
Stiriz, M.	S-t									.020	.020	.020	.020
Sunken Meadows Estate	S-w					.001	.001	.001	.001	.001	.001	.001	.001
Terraces-on-the-Sound	T-a									.007	.007	.007	.007
Vellgraff, LeRoy	V-a									.003	.003	.003	.003
West Gilgo Beach Assoc.	W-a				.005	.005	.005	.005	.005	.005	.005	.005	.005

107  
 148  
 2,876  
 2,203  
 406  
 499  
 6,132



Table 2. Average withdrawal in million gallons daily for public and institutional water supply by owner in Suffolk County, Long Island, N. Y.—Continued

Institutional Water Supply

Owner	Map code	1925	1930	1935	1940	1941	1942	1943	1944	1945	1946	1947	1948
Brooklyn Home for Blind	B-d		0.024	0.024									
Geniole St. Regis Convent	C-b		.010	.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Central Islip State Hospital	C-c				1.042	1.133	1.026	.986	1.134	1.130	1.060	1.069	1.092
Immaculate Conception Sem.	I-a		.017	.017	.019	.019	.019	.019	.019	.019	.019	.019	.019
Kings Park State Hospital	K-a	1.026	1.140	1.140	1.155	1.155	1.155	1.155	1.155	1.155	1.170	1.263	1.294
Mather Memorial Hospital	M-a		.008	.008	.003								
N. Y. State Institute for Applied Agriculture	N-a				.092	.077	.073	.064	.096	.076	.062	.059	.070
Pilgrim State Hospital	P-a			1.113	1.296	1.174	1.260	.991	1.399	1.732	1.712	1.549	1.704
St. Joseph's Academy	S-s	.067	.067	.133	.133	.137	.137	.137	.137	.137	.137	.137	.137
Suffolk County Alms Home	S-u		.060	.100	.100	.100	.100	.100	.100	.100	.970	.900	.044
Suffolk County Sanatorium	S-v	.018	.018	.034	.034	.034	.034	.034	.034	.034	.034	.034	.040
U. S. Veterans Adminis.	U-a		.257	.394	.454	.481	.413	.394	.456	.465	.455	.458	.432

million

Table 3.

Average withdrawal in gallons daily for public and institutional water supplies in Suffolk County, Long Island, N. Y., 1903 to 1948, inclusive

Year	Public supply	Institutional supply	Total	Year	Public supply	Institutional supply	Total
1903	0.028		0.028	1926	0.542	1.111	1.653
1904	.028		.028	1927	.651	1.111	1.762
1905	.028		.028	1928	.691	1.318	2.009
1906	.028		.028	1929	1.486	1.363	2.849
1907	.028		.028	1930	3.102	1.601	4.703
1908	.028		.028	1931	3.345	1.716	5.061
1909	.028		.028	1932	3.680	2.288	5.968
1910	.028	1.093	1.121	1933	2.399	2.546	4.945
1911	.028	1.093	1.121	1934	3.417	2.755	6.172
1912	.028	1.093	1.121	1935	3.416	2.973	6.389
1913	.028	1.093	1.121	1936	4.569	4.077	8.646
1914	.196	1.093	1.289	1937	4.071	4.174	8.245
1915	.285	1.093	1.378	1938	4.674	4.164	8.838
1916	.297	1.111	1.408	1939	5.437	4.527	9.964
1917	.290	1.111	1.401	1940	6.132 9.501	4.337	10.469 13.838
1918	.325	1.111	1.436	1941	6.328	4.320	10.648
1919	.325	1.111	1.436	1942	5.873	4.217	10.090
1920	.336	1.111	1.447	1943	6.587	3.890	10.477
1921	.343	1.111	1.454	1944	7.580	4.540	12.120
1922	.346	1.111	1.457	1945	6.164	4.858	11.022
1923	.398	1.111	1.509	1946	8.170	5.629	13.799
1924	.420	1.111	1.530	1947	8.824	5.498	14.322
1925	.387	1.111	1.498	1948	9.173	4.842	14.015

Table 1. Data for public and institutional water-supply wells in Suffolk County, Long Island, N. Y.

u P upper Pleistocene  
 M Magothy (?)  
 L Lloyd sand member of Raritan formation

N.Y.S.D.H. New York State Department of Health  
 U.S.G.S. U. S. Geological Survey  
 S.C.D.H. Suffolk County Department of Health

Well number	Owner	Location	Map code	Altitude above sea level (feet)	Diameter (inches)	Depth (feet)	Screen setting below land surface (feet)	Yield (gallons per minute)	Source formation	Date	Temperature (°F.)	Chloride (Cl; parts per million)	Total hardness (as CaCO <sub>3</sub> ; parts per million)	Alkalinity (as CaCO <sub>3</sub> ; parts per million)	Remarks
S4308	Allen Properties	Patchogue	A-a	50	2	60		20	u P						
5064	do.	do.	A-a	40	8	72	54-64	50	u P						
721	Amagansett Water Co.	Amagansett	A-b	45	12	94		300	u P	Sept. 15, 1935 Mar. 15, 1946		21 50	42	0.7	Analysis by N.Y.S.D.H. Cl by U.S.G.S.
1665	do.	do.	A-b	45	12	95		350	u P						
4435	Appel, Elsie M.	Northport	A-c	40	4	70		25	u P						
61	Brentwood Water Dist.	Brentwood	B-a	93	12	194		400	u P						
62	do.	do.	B-a	92	12	200	100-130	400	u P	Sept. 5, 1947		4.8	8	4	Analysis by N.Y.S.D.H.
1666	Bridgehampton Water Dist.	Bridgehampton	B-b	52	6	60		300	u P						
1667	do.	do.	B-c	52	6	60		300	u P	Aug. 18, 1947	51	19	76	12	do.
7867	Brooklyn Home for Blind	Port Jefferson	B-d	220	10	360		250	u P						
4105	Cedar Grove Park	Ronkonkoma	C-a	100	8-6	68		40	u P						
4106	do.	do.	C-a	100	6-2	68			u P	Mar. 7, 1946	45	20			Temp. and Cl by U.S.G.S.
660	Cenacle St. Regis Convent	do.	C-b	160	8	157		100	u P						
60	Central Islip State Hospital	Central Islip	C-c	45	12-8	852	790-850	767	M	1932 Mar. 20, 1946	54.6	3.8			Cl by S.C.D.H. Temp. by owner.
301	do.	do.	C-c	65	2	40			u P	do.	54				do.
715	do.	do.	C-c	65	12-8	865	825-865	620	M	do.	53.9				do.
3831	do.	do.	C-c	65	8-6-4	876		250	M	do.	55	6.0			Temp. and Cl by U.S.G.S.
3832	do.	do.	C-c	65	8-6-4	779		250	M	do.	54				Temp. by owner.
3833	do.	do.	C-c	65	8-6-4	898			M						Abandoned.
3834	do.	do.	C-c	65											do.
3835	do.	do.	C-c	65	8-6-4	845		250	M	do.	54.1				Temp. by owner.
3836	do.	do.	C-c	65	8-6-4	852			M						Not in use.
4632	Crystal Brook Park Assoc.	Mt. Sinai	C-d	100	6	20		100	u P						
4501	Culross Corp.	Rocky Point	C-e	100	8	140		100	u P						
868	Dawn Estates	Smithtown	D-a	35	4	100	95-100	500	u P						
1915	do.	do.	D-a	35	4	99	87-90	6	u P						
177	Dering Harbor, Village of	Shelter Island	D-b	35	10	60		250	u P						
4050	do.	do.	D-b	35	10	72		500	u P	Oct. 10, 1935		60	33		Analysis by N.Y.S.D.H.
4051- 4056	do.	do.	D-b	35	1½	60			u P						Emergency supply only.
4667	Forrest Brook Acres	Smithtown	F-a	60	8	68		50	u P						
6172	do.	do.	F-a	60	4	52		15	u P						
4720- 4723	Great South Beach Improvement Co.	Seaview	G-a	10	2	15		400	u P						
4761	do.	do.	G-a	10	12-8	550		200	M						

51-145

1

Table 1. Data for public and institutional water-supply wells in Suffolk County, Long Island, N. Y. (Continued)

51-145

Well number	Owner	Location	Map code	Altitude above sea level (feet)	Diameter (inches)	Depth (feet)	Screen setting below land surface (feet)	Yield (gallons per minute)	Source formation	Date	Temperature (°F.)	Chloride (Cl; parts per million)	Total hardness (as CaCO <sub>3</sub> ; parts per million)	Alkalinity (as CaCO <sub>3</sub> ; parts per million)	Remarks
S 31	Greenlawn Water Dist.	Greenlawn	G-b	14	18	245	173-202	450	u P	July 18, 1946	51	6.0			
5068	do.	do.	G-c	80	10	190	151-168	600	M	Sept. 3, 1947		5.8	12	5	
490	Greenport, Village of	Greenport	G-d	15		690		300	L						Well abandoned.
1668	do.	do.	G-d	15	9	35									
1669	do.	do.	G-d	15	16	35		400	u P	Mar. 22, 1946	51.5	94			Station 1. Temp. and Cl by U.S.G.S.
3973-3977	do.	do.	G-d	15	6	35-47									
1670	do.	do.	G-e	15	420	35									
1671	do.	do.	G-e	15	6	35		200	u P						Station 2.
1672	do.	do.	G-e	15	6	35-42									
3978	do.	do.	G-e	15	6	35-42									
178	do.	do.	G-f	20		55	40-55	600	u P	Dec. 1945		255			Station 3, six wells. Cl by owner.
1673-1678	do.	do.	G-f	20	6	42-55	55		u P						
3697	do.	do.	G-g	21	8	79	64-79	240	u P						Station 4.
3698	do.	do.	G-g	21	8	79	65-79	215	u P						do.
2910	Griffin, Edward C.	Reeves Park	G-h	135	6	162	142-152	40	u P	July 11, 1946		22			Cl by U.S.G.S.
1857	Groveland Park Estate	Miller Place	G-i	140	6	174		125	u P						
1087	Hampton Bays Water Dist.	Hampton Bays	H-a	16	8	47	35-47	200	u P	Oct. 10, 1941		16.	14		Analysis by N.Y.S.D.H.
1318	do.	do.	H-a	10	8	40	25-40	200	u P	Sept. 17, 1934		8.0	22		do.
1679	do.	do.	H-a	13	8	60	45-60	200	u P	Sept. 22, 1941 Mar. 12, 1946	52.2	240 42	166		do. Temp. and Cl by U.S.G.S.
508	Home Water Co.	East Hampton	H-b	40	4	86			u P						Three wells, not in use.
2401	do.	do.	H-b	40	10	75			u P						
2402	do.	do.	H-b	40	10	75			u P						
2403	do.	do.	H-b	40	10	75			u P						
2404	do.	do.	H-b	40	10	75			u P						
2405	do.	do.	H-b	40	10	88	55-85		u P	Nov. 17, 1926		14.0	14.		Analysis by N.Y.S.D.H.
2415	do.	do.	H-b	40	16-12	90			u P	Sept. 11, 1935		11.	14.		do.
2570	do.	do.	H-b	40	12	90	60-90		u P	Mar. 3, 1946	51	16.			Temp. and Cl by U.S.G.S.
9	Immaculate Conception Seminary	Lloyd Harbor	I-a	113	10	565	505-565	150	L	Nov. 23, 1938 Oct. 28, 1942	56	5.0			Temp. by U.S.G.S. Cl by U.S.G.S.
229	do.	do.	I-a	113		550		25	L						
67	Kings Park State Hospital	Kings Park	K-a	66	12-8	480	355-396	378	M	Nov. 9, 1945		6.0			Cl by owner.
68	do.	do.	K-a	66	12-8	417	392-417	350	M	Mar. 22, 1945		9.0			do.
69	do.	do.	K-a	175		167			u P						Three wells, abandoned.
70	do.	do.	K-a	124	12-10-8	478	462-478	413	M						
71	do.	do.	K-a	107	12-10-8	504	471-487	300	M						
72	do.	do.	K-a	121	12-10-8	487	473-487	371	M						
2381	do.	do.	K-a	121	12-10-8	487	470-487		M						Abandoned,
2514	do.	do.	K-a	62	12-8	411	377-408	400	M	Mar. 27, 1946	51.2	8.0			Temp. and Cl by U.S.G.S.

Table 1. Data for public and institutional water-supply wells in Suffolk County, Long Island, N. Y. (Continued)

51-145

Well number	Owner	Location	Map code	Altitude above sea level (feet)	Diameter (inches)	Depth (feet)	Screen setting below land surface (feet)	Yield (gallons per minute)	Source formation	Date	Temperature (°F.)	Chloride (Cl; parts per million)	Total hardness (as CaCO <sub>3</sub> ; parts per million)	Alkalinity (as CaCO <sub>3</sub> ; parts per million)	Remarks
S 6132	Lakeview Beach, Inc.	Ronkonkoma	L-a	60	4	70		80	u P						
6131	Lakoma Manor	do.	L-b	60	4	65		60	u P						
4145	Laurentson, H.	Smithtown Branch	L-c	65	8-6	190		200	u P	Sept. 10, 1947		5.6	24	24	Analysis by N.Y.S.D.H.
79	Long Island State Park Comm.	Babylon	L-d	40	12	85		250	u P						
7675	do.	do.	L-d	34	12	77	60-75	500	u P						
56	do.	Fire Island	L-e	4	6	640			M						
575	do.	do.	L-e	6	14-6	392	300-337	200	M						
1535	do.	do.	L-e	7	14	375	346-375	150	M						
77	do.	Hither Hills	L-f	5	6	54	46-54	80	u P						
5997	do.	do.	L-f	75	8	115	97-112	200	u P						
7421	do.	Montauk	L-g	25	6	65		100	u P						
189	do.	Orient Beach	L-h	6	12	668			L						Abandoned.
3592	do.	do.	L-i	12	2	6		10	u P	Mar. 30, 1936		12.			Cl by owner.
52	do.	Sunken Meadow	L-j	62	16-10	180		350	u P	Sept. 26, 1932		8.0		20	Analysis by L.I. State Park Comm.
53	do.	do.	L-j	65	16-10	190			u P						Test well.
139	do.	Wildwood	L-k	120	6	200			u P						do.
140	do.	do.	L-k	102	6	167	147-167	65	u P						
796	do.	do.	L-k	97	12	161	100-130	250	u P						
110	Mather Memorial Hospital	Port Jefferson	M-a	190	8	458		100	M						
2144	Montauk Water Supply Co.	Montauk	M-b	20	8	79	12-38		u P						Abandoned.
2145	do.	do.	M-c	40	8	75			u P						do.
2146	do.	do.	M-d	40	8	92			u P						Fire well.
2147	do.	do.	M-e	20	8	59	47-59		u P						Not in use.
2148	do.	do.	M-f	20	8	97			u P						Abandoned; iron content high.
2149	do.	do.	M-g	40	8	112			u P						Condemned, not used.
2150	do.	do.	M-h	60	8	70			u P	Mar. 13, 1946		18.0			Cl by U.S.G.S.
2151	do.	do.	M-i	10	8	74		75	u P						Abandoned.
2229	do.	do.	M-c	20	8	84			u P	July 27, 1946		35			Cl by U.S.G.S.
3062	do.	do.	M-j	8	8	54		450	u P	do.		24			do.
3615	do.	do.	M-k	60	8	111	85-100	100	u P	Mar. 13, 1946	50.4	30			Discontinued; iron content high.
2	N. Y. State Institute of Applied Agriculture	Farmingdale	N-a	97	8	138	128-138	45	M						Temp. and Cl by U.S.G.S.
5	do.	do.	N-a	90	8	288	110-128 272-288	90	M	Mar. 28, 1946	50.4	8.0			Abandoned.
4112	do.	do.	N-a	94	12	138		90	M		51				Temp. by owner, no date.
271	N. Y. Water Service Corp.	Babylon	N-b	10	8	70		1200	M						Four wells, abandoned.
4028	do.	do.	N-b	10	10	50			M						Abandoned.
4029	do.	do.	N-b	10	10	50		600	M	Mar. 13, 1946	51	12			Temp. and Cl by U.S.G.S.
4030	do.	do.	N-b	10	10	50			M						Abandoned.
4031	do.	do.	N-b	10	10	50		600	M						

Table 1. Data for public and institutional water-supply wells in Suffolk County, Long Island, N. Y. (Continued)

Well number	Owner	Location	Map code	Altitude above sea level (feet)	Diameter (inches)	Depth (feet)	Screen setting below land surface (feet)	Yield (gallons per minute)	Source formation	Date	Temperature (°F.)	Chloride (Cl <sub>2</sub> ) parts per million	Total hardness (as CaCO <sub>3</sub> ) parts per million	Alkalinity (as CaCO <sub>3</sub> ) parts per million	Remarks
S 4831	N. Y. Water Service Corp.	Babylon	N-b	10	10	50		445	u P	Sept. 10, 1947		6.2	26	7	Analysis by N.Y.S.D.H.
4830	do.	do.	N-b	10	10	50		445	u P						
1350	do.	W. Babylon	N-c	20	10	60			u P	Mar. 14, 1946	50.2				Temp. by U.S.G.S.
1660	do.	do.	N-c	20	10	60			u P						
1661	do.	do.	N-c	20	10	60			u P						
1662	do.	do.	N-c	20	10	60			u P						Two pumps; 650 gpm; 800 gpm.
1663	do.	do.	N-c	20	10	60			u P						
1664	do.	do.	N-c	20	10	60			u P						
874	do.	Centerport	N-d	30	12	144		1000	u P	Mar. 15, 1946	51.2	14.			Temp. and Cl by U.S.G.S.
8	do.	Huntington	N-e	10	10	600			L	Sept. 3, 1947		4.4	28	21	Analysis by N.Y.S.D.H.
202	do.	do.	N-f	70	12	600			L						Abandoned.
247	do.	do.	N-e	100	8	60			u P						Three wells not in use.
1301-1302	do.	do.	N-e	10	8	40-50			u P						Not in use.
1303	do.	do.	N-e	10	8	40-50			u P						
1306	do.	do.	N-e	10	8	40-50			u P	Mar. 15, 1946	51	16.			Temp. and Cl by U.S.G.S.
1311	do.	do.	N-e	10	8	40-50			u P						
1304-1305	do.	do.	N-e	10	8	40-50			u P						Not in use.
1307-1310	do.	do.	N-e	10	8	40-50			u P						do.
1312	do.	do.	N-e	10	8	40-50			u P						do.
1313	do.	do.	N-e	10	10	570			L	Mar. 15, 1946	52.4	10.			Temp. and Cl by U.S.G.S.
184	do.	Sag Harbor	N-g	20	10	138		650	u P						do.
501	do.	do.	N-g	20	6	55		300	u P	Mar. 19, 1946	51.9	14.			Four wells.
169 North Fork Water Co.		Southold	N-h	20	10	90		250	u P						do.
170	do.	do.	N-h	5	10	168			u P						
3045	do.	do.	N-h	20	8	55		250	u P						
4163	do.	do.	N-h	20	6	45			u P	Mar. 22, 1946	53	30			Temp. and Cl by U.S.G.S.
255 Northport Water Works Co.		Northport	N-i	24	8	47		200	u P						
2972-2976	do.	do.	N-i	10	8	65	48-60		u P						Abandoned.
2977	do.	do.	N-i	20	10	72	36-48		u P						
2978	do.	do.	N-i	20	18-12	271	227-267	772	u P	Jan. 30, 1942		5.4	16		Analysis by N.Y.S.D.H.
3012	do.	do.	N-i	20	40	181	87-117	530	u P	Sept. 3, 1947		5.2	12	7	do.
										Mar. 27, 1946	51				Temp. by U.S.G.S.
112 Oakwood Park Corp.		Belle Terre	O-a	10		245			M	Dec. 3, 1947		9.0			Cl by U.S.G.S.
113	do.	Port Jefferson	O-a	10	6	334	320-330	60	M						
114	do.	do.	O-a	10	6	333		75	M						
40 Ocean Beach, Village of		Ocean Beach	O-b	5	12-8	420	305-345	350	M	Oct. 26, 1932		4.0			Cl by U.S.G.S.
1317	do.	do.	O-b	5											No data. Abandoned; chloride high.

Table 1. Data for public and institutional water-supply wells in Suffolk County, Long Island, N. Y. (Continued)

51-145

Well number	Owner	Location	Map code	Altitude above sea level (feet)	Diameter (inches)	Depth (feet)	Screen setting below land surface (feet)	Yield (gallons per minute)	Source formation	Date	Temperature (°F.)	Chloride (Cl; parts per million)	Total hardness (as CaCO <sub>3</sub> ; parts per million)	Alkalinity (as CaCO <sub>3</sub> ; parts per million)	Remarks
S 1721	Pilgrim State Hospital	W. Brentwood	P-a	133	18	158	158-158	400	u P		50				Temp. by U.S.G.S.
1722	do.	do.	P-a	129	18	155	155-155	400	u P						
1723	do.	do.	P-a	128	18	159	159-159	400	u P						
1724	do.	do.	P-a	122	18	155	155-155	400	u P	Mar. 20, 1946		6.0			Cl by U.S.G.S.
1725	do.	do.	P-a	122	18	154	154-154	400	u P						
1726	do.	do.	P-a	120	18	152	152-152	400	u P						
1727	do.	do.	P-a	116	18	151	151-151	400	u P						
1728	do.	do.	P-a	115	18	151	151-151	400	u P						
4102	Pipe Stave Hollow	Mt. Sinai	P-b	100	6	120		50	u P						
4103	do.	do.	P-c	200	6	189		50	u P						
703	Point O'Woods Assoc.	Fire Island	P-d	5	10-8	408	388-403	150	M	July 11, 1929		46	65		Analysis by N.Y.S.D.H.
1431	Reeves Park Beach Co.	Reeves Park	R-a	100	4	138	135-137	5	u P	July 11, 1946		14.			Cl by U.S.G.S.
2017	do.	do.	R-b	120	2	135	131-135	3	u P	do.		16.			do.
2018	do.	do.	R-c	60	2	59	55-59	3	u P	do.		38			do.
2534	do.	do.	R-d	135	4	146	143-146	7	u P	do.		18.			do.
3003	do.	do.	R-e	100	4	114	111-114		u P	Aug. 22, 1946		17.			do.
460	Riverhead Water Dist.	Riverhead	R-f	20	8 6	225 305		133	u P						Two wells.
1319	do.	do.	R-f	20	8	115	95-115		u P	Mar. 21, 1946	53.2	12.			Temp. and Cl by U.S.G.S.
1320	do.	do.	R-f	20	8	90			u P						
1321	do.	do.	R-f	20	8	90		750	u P	Sept. 4, 1947		5.6	38	29	Analysis by N.Y.S.D.H.
1322	do.	do.	R-f	20	8	105	75-105		u P						
55	Saltaire, Village of	Fire Island	S-a	5	6-4	400		30	M	Oct. 26, 1932		3.8			Cl by S.C.D.H.
124	Scotts Beach, Inc.	Miller Place	S-b	10	8-6	670		360	L						
5070	do.	do.	S-b	10	6	160			u P						
197	Shelter Island Heights Assoc.	Shelter Island	S-c	18	120	273		59	u P	1939		30			Cl by S.C.D.H.
198	do.	do.	S-c	26	120	50		80	u P	1939		12.			do.
199	do.	do.	S-c	9	48 sq.	16		135	u P	1939		13.			do.
200	do.	do.	S-c	20	36	21		62	u P	1939		21.			do.
1324	Shoreham Water Co.	Shoreham	S-d	60	8	75			u P						
1325	do.	do.	S-d	60	8	77		80	u P	July 5, 1934		13.	22.		Analysis by N.Y.S.D.H.
2016	Sini, Anthony	Rocky Point	S-e	5 ?	8	130		12	u P						
4216	Solid Building Co., Inc.	St. James	S-f	140	4	130		33	u P						
204	South Bay Consolidated Water Co.	Amityville	S-g	20	6	40		72	u P						
1326	do.	do.	S-g	21	10	60		680	u P						
1327	do.	do.	S-g	21	10	60			u P						
1328	do.	do.	S-g	21	8	60			u P	Mar. 4, 1946	52.6				Temp. by U.S.G.S.
1329	do.	do.	S-g	21	10	60			u P	Sept. 5, 1947		7.8		28	Analysis by N.Y.S.D.H.
1330	do.	do.	S-g	21	10	60			u P						



Table 1. Data for public and institutional water-supply wells in Suffolk County, Long Island, N. Y. (Continued)

51-145

Well number	Owner	Location	Map code	Altitude above sea level (feet)	Diameter (inches)	Depth (feet)	Screen setting below land surface (feet)	Yield (gallons per minute)	Source formation	Date	Temperature (°F.)	Chloride (Cl; parts per million)	Total hardness (as CaCO <sub>3</sub> ; parts per million)	Alkalinity (as CaCO <sub>3</sub> ; parts per million)	Remarks
S 871	South Bay Consolidated Water Co.	Bayport	S-h	16	16	104	40-56	1000	u P	Mar. 13, 1946 Sept. 4, 1947	51.2	7.2	16	9	Temp. by U.S.G.S. Analysis by N.Y.S.D.H.
872	do.	do.	S-h	16	16	104	40-56	1000	u P						
272	do.	Bayshore	S-i	20	5	40-45		8400	u P	Mar. 13, 1946 Sept. 5, 1947	52	7.2	50	33	Temp. by U.S.G.S. Analysis by N.Y.S.D.H.
1691	do.	do.	S-i	30	10	55			u P						
1692	do.	do.	S-i	30	10	48			u P						
1693	do.	do.	S-i	30	8	54			u P						
1694	do.	do.	S-i	30	8	54			u P						
1695	do.	do.	S-i	30	8	56			u P						
1696	do.	do.	S-i	30	8	57			u P						
1697	do.	do.	S-i	30	10	49			u P						
1698	do.	do.	S-i	30	8	54			u P						
1699	do.	do.	S-i	30	10	46			u P						
1700	do.	do.	S-i	30	10	40			u P						
4003	do.	do.	S-i	30	10	54			u P						
4004	do.	do.	S-i	30	12	52			u P						
4005	do.	do.	S-i	30	8	54			u P						
4006	do.	do.	S-i	30	8	55			u P						
4007	do.	do.	S-i	30	12	55			u P						
4008	do.	do.	S-i	30	12	48			u P						
4009	do.	do.	S-i	30	8	52			u P						
4010	do.	do.	S-i	30	8	50			u P						
4011	do.	do.	S-i	30	8	46			u P						
4012	do.	do.	S-i	30	8	50			u P						
4013	do.	do.	S-i	30	5	32	u P								
4014	do.	do.	S-i	30	5	35	u P								
4015	do.	do.	S-i	30	10	47	u P								
4016	do.	do.	S-i	30	8	54	u P								
4017	do.	do.	S-i	30	10	45	u P								
4018	do.	do.	S-i	30	10	49	u P								
4019	do.	do.	S-i	30	10	40	u P								
4020	do.	do.	S-i	30	10	47	u P								
4021	do.	do.	S-i	30	10	48	u P								
4022	do.	do.	S-i	30	10	46	u P								
1331	do.	Bellport	S-j	45	13	60		150	u P	Mar. 14, 1946	50.5	12.			Temp. and Cl by U.S.G.S.
51	do.	Kings Park	S-k	180	10-8	553		100	M	Mar. 15, 1946	50.1	10.			Temp. and Cl by U.S.G.S.
3800	do.	do.	S-k	180	12	164	145-164	200	u P						
76	do.	Oakdale	S-l	17	12	120	56-78		u P						Test well.

Table 1. Data for public and institutional water-supply wells in Suffolk County, Long Island, N. Y. (Continued)

Well number	Owner	Location	Map code	Altitude above sea level (feet)	Diameter (inches)	Depth (feet)	Screen setting below land surface (feet)	Yield (gallons per minute)	Source formation	Date	Temperature (°F.)	Chloride (Cl; parts per million)	Total hardness (as CaCO <sub>3</sub> ; parts per million)	Alkalinity (as CaCO <sub>3</sub> ; parts per million)	Remarks
S 5813	South Bay Consolidated Water Co.	Oakdale	S-1	17	10	80		550	u P	Mar. 14, 1946 Sept. 4, 1947	50.2	5.6	16	15	Temp. by U.S.G.S. Analysis by N.Y.S.D.H.
5814	do.	do.	S-1	17	24-16	96		700	u P						
92	do.	Patchogue	S-m	10	10	180			u P						Not in use.
3980	do.	do.	S-m	10	8	49			u P						
3981	do.	do.	S-m	10	10	45			u P						
3982	do.	do.	S-m	10	10	45			u P						
3983	do.	do.	S-m	10	10	50			u P						
3984	do.	do.	S-m	10	10	45			u P						
3985	do.	do.	S-m	10	8	50-55			u P						
3986	do.	do.	S-m	10	8	52			u P						
3987	do.	do.	S-m	10	3	52			u P						
3988	do.	do.	S-m	10	10	50			u P						
3989	do.	do.	S-m	10	10	50			u P						
3990	do.	do.	S-m	10	8	49		4200	u P	Mar. 13, 1946	55.5	16.			Temp. and Cl by U.S.G.S.
3991	do.	do.	S-m	10	8	52			u P						
3992	do.	do.	S-m	10	10	50			u P						
3993	do.	do.	S-m	10	12	55			u P						
3994	do.	do.	S-m	10	12	50			u P						
3995	do.	do.	S-m	10	12	58			u P						
3996	do.	do.	S-m	10	12	50			u P						
3997	do.	do.	S-m	10	12	60			u P						
3998	do.	do.	S-m	10	12	55			u P						
3999	do.	do.	S-m	10	12	63			u P						
4000	do.	do.	S-m	10	10	48			u P						
4001	do.	do.	S-m	10	12	49			u P						
4002	do.	do.	S-m	10	12	50			u P						
399	do.	Port Jefferson	S-n	5	6	54		266	u P						
1334	do.	do.	S-n	5	6	60		280	u P						
1335	do.	do.	S-n	5	4	55		375	u P	Mar. 15, 1946	51.4	10.			Temp. and Cl by U.S.G.S.
1336	do.	do.	S-n	5	8	95		400	u P						
4372	do.	do.	S-n	5	12	95	68-95	625	u P	Sept. 10, 1947		5.0	16	14	Analysis by N.Y.S.D.H.
65	do.	Smithtown	S-o	33	10	153		150	u P	Mar. 15, 1946	51	8.0			Temp. and Cl by U.S.G.S.
1337	do.	do.	S-o	33	10	142		250	u P						
476	do.	Southampton	S-p	55	8	80		683	u P	June 30, 1903		14	25		Cl and hardness from U.S.G.S. Prof. Paper 44.
1339	do.	do.	S-p	54	12	81			u P						
1340	do.	do.	S-p	54	12	95		400	u P	Mar. 18, 1946	50	22			Temp. and Cl by U.S.G.S.
1341	do.	do.	S-p	54	12	81		400	u P						
1342	do.	do.	S-p	54	12	93			u P						
1343	do.	do.	S-p	54	12	95			u P						

Table 1. Data for public and institutional water-supply wells in Suffolk County, Long Island, N. Y. (Continued)

Well number	Owner	Location	Map code	Altitude above sea level (feet)	Diameter (inches)	Depth (feet)	Screen setting below land surface (feet)	Yield (gallons per minute)	Source formation	Date	Temperature (°F.)	Chloride (Cl; parts per million)	Total hardness (as CaCO <sub>3</sub> ; parts per million)	Alkalinity (as CaCO <sub>3</sub> ; parts per million)	Remarks
S 1344	South Bay Consolidated Water Co.	Southampton	S-p	54	8	79			u P						
1345	do.	Westhampton	S-q	20	8	46			u P	Mar. 18, 1946	50	12.			Temp. and Cl by U.S.G.S.
1346	do.	do.	S-q	20	6	31			u P						Not in use.
1348	do.	do.	S-q	20	8	30			u P						do.
1347	do.	do.	S-q	20	8	46			u P						
1349	do.	do.	S-q	20	6	40			u P						
4058	do.	do.	S-q	20	8	42			u P						
4059	do.	do.	S-q	20	6	40		1500	u P	Sept. 4, 1947		5.8	54		Analysis by N.Y.S.D.H.
4040	do.	do.	S-q	20	6	38			u P						
4041	do.	do.	S-q	20	6	40			u P						
4042	do.	do.	S-q	20	8	44			u P						
4043	do.	do.	S-q	20	8	46			u P						
27	South Huntington Water Dist.	South Huntington	S-r	165	18-15	218	158-207		u P	Mar. 26, 1946 Sept. 5, 1947	51	10.	44	14	Temp. by U.S.G.S. Analysis by N.Y.S.D.H.
28	do.	do.	S-r	156	13	240	126-174		u P	Mar. 8, 1933		9.0	38		
29	do.	do.	S-r	162	12	277			u P	Mar. 26, 1946	51.5				Temp. by U.S.G.S.
302	St. Joseph's Academy	Brentwood	S-s	35	8	52		150	u P						
4321	Stires, M.	Patchogue Shores	S-t	10	4	110			u P						Station 1.
4322-4329	do.	do.	S-t	10	2	110			u P						Station 2.
4430-4431	do.	do.	S-t	10	4	110			u P						do.
462	Suffolk County Alms Home	Yaphank	S-u	60	10	405	85-99		u P						
933	do.	do.	S-u	60	12	500	75-100		u P						
2467	do.	do.	S-u	60	2	45			u P						
2468	do.	do.	S-u	60	2	45			u P						
2475	do.	do.	S-u	60	4	100			u P						
104	Suffolk County Sanatorium	Holtsville	S-v	235	12-4	241		300	u P						
4100	do.	do.	S-v	220	8	160		200	u P						
4101	do.	do.	S-v	220	6	162		100	u P	Dec. 20, 1934		10.	6		Analysis by N.Y.S.D.H.
2019	Sunken Meadows Estate	Fort Salonga	S-w	100	4	100			u P						
3354	do.	do.	S-w	120	4	233	230-233	7	u P						
4156	Terraces-on-the-Sound	Rocky Point	T-a	60	4	98		20	u P						
4152	do.	do.	T-a	60	8	147	126-146	230	u P						
48	U. S. Veterans Administration	Northport	U-a	120	15-12	742		175	L	Mar. 27, 1946	50.9	6.0			Temp. and Cl by U.S.G.S.
49	do.	do.	U-a	143	10-8	763	695-728	150	L	do.	51	5.0			do.
50	do.	do.	U-a	143		225		240	u P	do.	51.2	12.			do.
3639	do.	do.	U-a	149	16-12-10	466	423-465	250	M	do.	50.4	12.			do.
4148	Vollgraff, LeRoy	Ronkonkoma	V-a	110	4.5	85		20	u P						
4149	do.	do.	V-a	110	4.5			20	u P						
1654	West Gilgo Beach Assoc.	Fire Island	W-a	5	8	304	279-290	79	M						