

BOARD OF PUBLIC UTILITIES

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GOVERNMENT DOCUMENTS

ANNUAL REPORT

FOR THE YEAR ENDING

December 31, 1971



CITY OF JAMESTOWN, NEW YORK

ANNUAL REPORT 1971

BOARD OF PUBLIC UTILITIES
CITY OF JAMESTOWN
NEW YORK



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James S. Pullan
Superintendent of Public Utilities

Joseph C. Johnson
Assistant to the Superintendent

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JAMESTOWN MUNICIPAL UTILITIES

BRIEF HISTORICAL SKETCH

- 1890—Electric Plant constructed under jurisdiction of City Council.
- 1891—Street light service established to 140 street lamps.
- 1895—Plant commenced supplying service to commercial customers.
- 1903—Waterworks purchased from private interests for \$600,000.
- 1913—English Hill Reservoir of five million gallon capacity constructed.
- 1923—Water supply system in Cassadaga Valley placed in operation.
- 1923—Board of Public Utilities created by Chapter 665, Laws of New York, 1923, to assume control and jurisdiction of municipal utility systems.
- 1923—Levant Pumping Station and water supply removed from service.
- 1925—Buffalo Street Reservoir of 1½ million gallons capacity constructed.
- 1926—Motor-driven pumps installed in Buffalo Street Pumping Station.
- 1928—Ornamental street lighting system in central section of City completed.
- 1931—Electric system of Niagara, Lockport, and Ontario Power Company acquired by purchase.
- 1933—Harrison Street and Allen Street Substations completed.
- 1934—Warehouse and service building for use of electric utility completed.
- 1938—Power electrical generating capacity increased to 38,500 kilowatts by installation of a 15,000 K.W. turbo-generator.
- 1941—3,000 k.v.a. unit type substation installed at 30 Jones & Gifford Ave.
- 1942—3,000 k.v.a. unit type substation installed at 254 Harrison St.
- 1947—Supplemental system of seven well units equipped with individual electrically-driven deep well pumps completed. 20,000 kilowatt expansion to Steele Street Power Plant initiated.
- 1948—Supplementary water well system approved by Water Power and Control Commission.
- 1951—20,000 K.W. extension to Steele Street Station, three substations and connecting underground conduit and transmission system completed and placed in operation. 6 m.g.d. turbine-driven pump installed to replace 5 m.g.d. pump at Cassadaga Valley Pumping Station.
- 1954—Substations at New York Avenue and Dow Street, Falconer, installed, complete with transmission lines to new switchgear at Allen Street Substation.
- 1956—Direct current eliminated. Newland Avenue Substation completed. Well No. 8 added to water system.
- 1957—Harrison Street Substation No. 3 placed in operation. Replaced 6 m.g.d. steam driven pump with 6 m.g.d. electric driven pump and rehabilitated the structure at Buffalo Street Pumping Station.
- 1958—Two-way radio equipment installed for use of both the Electric and Water Divisions.
- 1960—No. 11 boiler placed in service at the power plant.
- 1961—6 m.g.d. electric pump put into operation at Cassadaga Valley Pumping Station.
- 1962—Huxley Street and English Street Substations completed.
- 1963—Fluoridation of City water supply started.
- 1964—New ornamental street lighting installed in downtown area. 10,000 k.v.a. transformer added to Dow Street Substation.
- 1966—Five million gallon addition to English Hill Reservoir completed. Carter Street, Falconer, substation completed.
- 1968—No. 12 boiler and No. 6 turbine generator placed in operation at power plant.
- 1969—Poland Center well field and Clay Pond Pump Station placed in operation.
- 1970—Tie lines between Samuel A. Carlson Electric Generating Station and Dow Substation installed through new underground conduit system. Increase of 5600 KVA in transformer capacity at Blackstone Avenue and at Washington Street Substations.
- 1971—Clifton Avenue Substation installed. 4160 volt conversion started in downtown area.

**BOARD OF PUBLIC UTILITIES
CITY OF
JAMESTOWN, NEW YORK**

March 1, 1972

**DIVISION OF
WATER, LIGHT AND POWER**

To the Board of Public Utilities
City of Jamestown
Jamestown, New York

Gentlemen:

The annual reports of the Jamestown municipal electric and water utility systems for the year 1971 are submitted herewith as required by Section 129 of the Charter of the City of Jamestown.

Respectfully submitted,

JAMES S. PULLAN, Superintendent

JOSEPH C. JOHNSON,
Assistant to the Superintendent

Jamestown, New York

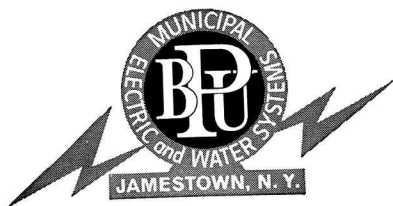
ANNUAL REPORT

of the

MUNICIPAL ELECTRIC SYSTEM

of the

**CITY OF JAMESTOWN
NEW YORK**



**FOR THE YEAR ENDED
December 31, 1971**

MUNICIPAL ELECTRIC SYSTEM

BALANCE SHEET AS OF DECEMBER 31, 1971-1970

ASSETS

Fixed Assets:	1971	1970
Operating Property — Electric	\$26,525,433.37	\$25,837,036.43
Construction Work in Progress	156,500.23	154,988.38
Non-operating Property	5,500.00	5,500.00
Investments:		
Miscellaneous Investments	1,203,500.00	1,351,000.00
Depreciation Reserve Fund—Cash	42.20	380.71
Depreciation Reserve Fund— Investments	11,900.00	11,000.00
Depreciation Reserve Fund— Interest Accrued	12.62	58.06
Current Assets:		
Cash—General	100,246.39	177,219.78
Working Funds	680.00	680.00
Material and Supplies	268,454.92	283,367.85
Receivables from Municipality	30,338.06	26,577.61
Accounts Receivable	374,673.98	279,622.74
Interest Accrued	16,499.37	3,077.78
Prepayments	24,077.91	37,267.62
Other Deferred Charges	2,876.80	397.34
Regulatory Commission Suspense	48,705.29	22,874.25
Miscellaneous Suspense	33,505.37	(17,423.36)
TOTAL ASSETS	\$28,802,946.51	\$28,173,625.19

LIABILITIES

Long Term Debt:		
Bonds	\$ 4,295,000.00	\$ 4,500,000.00
City Hall Indebtedness	331,564.02	—
Current and Accrued Liabilities:		
Payables to Municipality	577.07	383.78
Accounts Payable	259,856.36	234,097.03
Customers' Deposits	8,477.66	9,484.01
Interest Accrued	41,746.19	44,071.80
Advance Billings and Payments	109.10	109.10
Miscellaneous Current Liabilities	212,090.00	190,690.00
Reserves:		
Depreciation Reserve— Operating Property	12,536,973.96	11,876,724.19
Contributions for Extensions	188,363.47	185,028.82
Reserve for Uncollectible Accounts	9,417.40	8,972.18
Deferred Credits	15,711.48	16,913.52
Retained Net Income Invested in Utility Plant, Working Capital, Etc.	10,903,059.80	11,107,150.76
TOTAL LIABILITIES AND RETAINED NET INCOME	\$28,802,946.51	\$28,173,625.19

Parentheses denote red figure.

MUNICIPAL ELECTRIC SYSTEM

OPERATING STATEMENT

For the Years Ended December 31, 1971-1970

	1971	1970
OPERATING INCOME:		
Operating Revenues—Electric	\$4,567,369.70	\$4,164,375.78
Other Revenues:		
Pole Attachment Rents	\$ 13,439.06	\$ 13,095.48
Miscellaneous	3,224.44	2,905.14
Total Other Electric Revenues	\$ 16,663.50	\$ 16,000.62
Total Operating Revenues	\$4,584,033.20	\$4,180,376.40
OPERATING EXPENSES:		
Production	\$2,556,467.66	\$2,240,674.63
Transmission and Distribution	191,084.04	205,272.72
Street Lighting	25,705.91	22,545.12
Consumers' Accounting and Collecting ..	159,332.98	138,360.97
Sales Expense	1,673.82	3,859.60
Administrative and General	421,980.88	273,747.60
Depreciation	756,955.70	599,781.43
Taxes on Property Outside the City	45,073.36	46,015.90
Uncollectible Revenues	2,569.90	2,628.73
Contributions to City in Lieu of Taxes	391,000.00	391,000.00
Total Operating Expenses	\$4,551,844.25	\$3,923,886.70
NET ELECTRIC OPERATING INCOME	\$ 32,188.95	\$ 256,489.70
OTHER INCOME:		
Non-operating Rents	\$ 1,200.00	\$ 1,200.00
Interest	61,584.95	39,907.34
Total Other Income	\$ 62,784.95	\$ 41,107.34
GROSS INCOME	\$ 94,973.90	\$ 297,597.04
INCOME DEDUCTIONS:		
Interest on Long Term Debt	\$ 277,927.64	\$ 118,406.65
Other Income Deductions	(340.33)	69,923.37
Total Income Deductions	\$ 277,587.31	\$ 188,330.02
NET INCOME	\$ (182,613.41)	\$ 109,267.02

Parentheses denote red figure.

STATEMENT OF RETAINED NET INCOME

Balance, January 1, 1971	\$11,107,150.76
Deduct:	
Net Loss — December 31, 1971	\$182,613.41
Miscellaneous Contributions—City (Net)	17,081.01
Net Expenses of Price Fixing	
Conspiracy Cases	4,396.54
	204,090.96
Balance, December 31, 1971	\$10,903,059.80

MUNICIPAL ELECTRIC SYSTEM
OPERATING REVENUES — ELECTRIC
For the Years Ended December 31, 1971-1970

	1971		1970	
	K.W.H. Sold	Revenue	K.W.H. Sold	Revenue
Residential Sales	64,122,251	\$1,385,865.09	62,677,172	\$1,270,812.17
Commercial Sales	64,688,959	1,280,204.93	64,718,740	1,165,149.24
Industrial Sales	95,758,386	1,452,441.76	97,977,717	1,349,696.84
Public St. Lighting— Jamestown	2,517,743	105,062.34	2,450,448	88,678.94
Public St. Lighting— Other	757,396	35,215.64	700,666	33,617.54
Other Sales to City of Jamestown	12,378,783	210,082.10	11,267,372	167,134.22
Other Sales to Other Public Authorities ..	5,503,126	98,497.84	5,498,114	89,286.83
TOTAL	245,726,644	\$4,567,369.70	245,290,229	\$4,164,375.78

MISCELLANEOUS ELECTRIC REVENUES

	1971	1970
Pole Attachment Revenues	\$13,439.06	\$13,095.48
Value of Steam Supplied to City Departments ..	2,221.20	1,742.54
Meter Reconnection Charges	727.00	696.00
Temporary Service Charges	123.00	230.00
Other Miscellaneous Revenues	153.24	236.60
TOTAL	\$16,663.50	\$16,000.62

TAXES—DIRECT AND TAX EQUIVALENTS

	1971	1970
Town of Ellicott—State and County Tax	\$ 11,577.62	\$ 11,957.55
Town of Ellicott—School Tax	26,378.54	27,010.33
Villages of Celoron and Falconer—Village Tax	7,117.20	7,048.02
City of Jamestown—Contributions in Lieu of Taxes	391,000.00	391,000.00
TOTAL	\$436,073.36	\$437,015.90
Percentage to Electric Service Revenues	9.55	10.49

MUNICIPAL ELECTRIC SYSTEM

COMPARATIVE STATEMENT

Year	Total Electric Operating Revenues	Net Permanent Improvements and Extensions	Total K.W.H. Generated and Purchased	Average Cost Coal Burned Per Ton	Operation and Maintenance Cost with Depreciation and Interest	Retained Net Income
1920	\$ 226,018.00	\$ 77,693.65	6,770,392	\$7.50	\$ 199,162.93	\$ 309,216.51
1930	533,475.96	396,909.50	24,536,700	3.73	348,984.46	2,008,302.60
1940	981,413.72	15,288.62	66,383,000	3.96	766,053.60	3,258,222.32
1950	1,709,419.72	1,105,665.15	124,339,400	7.55	1,504,711.00	5,104,306.45
1955	2,514,485.09	419,467.62	162,802,670	7.58	2,228,608.46	5,772,763.38
1960	2,798,846.30	2,029,578.60	183,666,148	7.53	2,466,969.44	7,605,317.88
1965	3,390,215.66	118,437.81	235,386,178	7.62	3,078,325.11	9,314,933.94
1970	4,180,376.40	4,170,479.99	281,312,073	10.30	4,112,216.72	11,107,150.76
1971	4,584,033.20	688,396.94	284,077,068	12.37	4,829,431.56	10,903,059.80

BONDED INDEBTEDNESS

General City Bonds Issued for Purposes of the Electric System
DECEMBER 31, 1971

Date of Issue	Maturity	Interest Rate Per Year	Par Value of Issue	Redeemed	Outstanding End of Year	Interest Accrued in Year
June 1, 1891	1901	4%	\$ 30,000	\$ 30,000	\$.....	\$.....
Dec. 1, 1893	1903	4%	32,000	32,000	.....	.....
June 1, 1901	1931	4%	30,000	30,000	.....	.....
Dec. 17, 1903	1932	4%	32,000	32,000	.....	.....
June 1, 1913	1933	4.6%	40,000	40,000	.....	.....
May 1, 1920	1945	5.5%	250,000	250,000	.....	.....
Aug. 1, 1950	1970	1.6%	2,300,000	2,300,000	.....	.....
May 1, 1970	1990	5.9%	2,500,000	125,000	2,375,000	142,583.36
Nov. 1, 1970	1990	5.7%	2,000,000	80,000	1,920,000	113,240.00
			<u>\$7,214,000</u>	<u>\$2,919,000</u>	<u>\$4,295,000</u>	<u>\$255,823.36</u>

MUNICIPAL ELECTRIC SYSTEM

PRODUCTION STATISTICS

Year Ended December 31, 1971

Station Output and Costs:

Maximum System Demand—September 8, 1971, 1-2 P.M.	55,949 K.W.
Cost of Generation Including Power Plant Depreciation	\$2,703,943.82
Cost of Electricity Purchased	325,812.15
Purchased Electricity Expense	550.32
Total Production Cost	<u>\$3,030,306.29</u>

Fuel Consumed:

Kind of Fuel—Bituminous Coal	
Quantity Used for Generation	131,096.57 T.
Cost of Coal Consumed	\$1,621,500.44
Average Cost per Ton Consumed	\$12.37
Pounds of Coal per Kilowatt Hour (Gross Generation)	1.0044

Summary of Production and Sales:

K.W.H. Generated	261,042,600
K.W.H. Purchased	23,034,468
K.W.H. Generated and Purchased	<u>284,077,068</u>
Less: K.W.H. All Station Uses	19,700,100
K.W.H. Available for Distribution	<u><u>264,376,968</u></u>

	Customers End of Year	K.W.H.
Disposal of Energy:		
Residential Service	15,999	64,122,251
Commercial Service	3,186	64,688,959
Industrial Service	154	95,758,386
Street Lighting—Other Municipalities	5	757,396
Other Sales to Other Public Authorities	63	5,503,126
Used by City of Jamestown:		
Municipal Street Lighting	1	2,517,743
Other Municipal Purposes	99	12,378,783
Within Electric Department		530,809
Total Supplied and Used	19,507	246,257,453
Lost and Unaccounted For		<u>18,119,515</u>
Total to Balance		<u><u>264,376,968</u></u>

Per Cent of Lost and Unaccounted For	6.9%
1971 Average Units Used per Residential Customer	4,008 K.W.H.
1971 Average Annual Residential Bill	\$86.62
1971 Residential Revenue per K.W.H.	2.16c
Population of Localities Served—1970 Federal Census	49,014

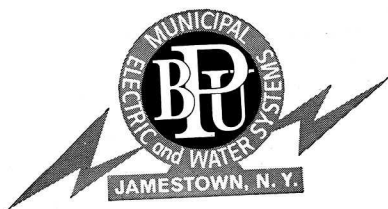
ANNUAL REPORT

of the

MUNICIPAL WATER SYSTEM

of the

**CITY OF JAMESTOWN
NEW YORK**



**FOR THE YEAR ENDED
December 31, 1971**

MUNICIPAL WATER SYSTEM

BALANCE SHEET AS OF DECEMBER 31, 1971-1970

ASSETS

	1971	1970
Fixed Assets:		
Water Plant in Service	\$8,391,621.67	\$8,065,839.67
Other Physical Property	3,847.05	3.847.05
Construction Work in Progress	24,219.82	131,195.12
Investments:		
Depreciation Fund	40,000.00	—
Water Improvement Fund	18,200.00	53,000.00
Current and Accrued Assets:		
Cash—General	31,305.59	4,530.97
Cash—Water Rebate Fund	24,024.67	20,531.78
Working Funds	83.29	83.29
Accounts Receivable—Consumers	195,325.86	161,294.94
Accounts Receivable—Miscellaneous	4,763.54	2,997.24
Receivables from Municipality	15,210.47	14,931.50
Interest Receivable	39.07	58.08
Material and Supplies	155,208.44	175,300.03
Prepayments	31,416.41	29,297.80
TOTAL ASSETS	<u>\$8,935,265.88</u>	<u>\$8,662,907.47</u>

LIABILITIES

Long Term Debt:		
Bonds	\$1,900,000.00	\$2,000,000.00
City Hall Indebtedness	82,891.00	—
Current and Accrued Liabilities:		
Notes Payable	100,000.00	—
Payables to Municipality	9,357.66	7,929.07
Accounts Payable	11,242.97	14,327.60
Customers' Deposits	24,194.67	20,671.78
Interest Accrued	20,557.13	19,667.53
Wages Accrued	6,141.14	6,126.85
Other Current Liabilities	59,947.79	42,097.79
Reserves:		
Reserve for Depreciation of Water Plant	2,400,949.59	2,313,601.57
Reserve for Uncollectible Accounts	69.85	69.85
Deferred Credits	7,468.15	7,776.64
Contributions in Aid of Construction:		
Federal Government Grants		
Not Subject to Repayment	80,142.93	80,142.93
Contributions in Aid of Construction—		
Other	21,632.54	21,632.54
Retained Net Income Invested in Utility Plant, Working Capital, Etc.	<u>4,210,670.46</u>	<u>4,128,863.32</u>
TOTAL LIABILITIES AND RETAINED NET INCOME	<u>\$8,935,265.88</u>	<u>\$8,662,907.47</u>

MUNICIPAL WATER SYSTEM

OPERATING STATEMENT

For the Years Ended December 31, 1971-1970

	1971	1970
OPERATING REVENUES:		
Sales of Water	\$1,130,308.61	\$904,690.41
Other Water Revenues	14,456.56	13,424.27
TOTAL OPERATING REVENUES	<u>\$1,144,765.17</u>	<u>\$918,114.68</u>
OPERATION AND MAINTENANCE:		
Source of Supply Expenses	\$ 25,454.17	\$ 39,358.52
Power and Pumping Expenses	212,275.55	210,318.98
Transmission and Distribution Expenses	147,418.50	148,541.77
Customers' Accounting & Collecting Expenses	55,124.79	46,077.89
Administrative and General Expenses	132,818.43	83,414.22
Depreciation	118,438.97	108,192.37
Operating Taxes—Outside City	82,436.45	79,067.81
Contributions to the City in Lieu of Taxes	165,000.00	165,000.00
TOTAL OPERATING REVENUE DEDUCTIONS	<u>\$ 938,966.86</u>	<u>\$879,971.56</u>
NET OPERATING REVENUES	<u>\$ 205,798.31</u>	<u>\$ 38,143.12</u>
OTHER INCOME:		
Interest on Investments	\$ 1,751.32	\$ 31,242.69
TOTAL OTHER INCOME	<u>\$ 1,751.32</u>	<u>\$ 31,242.69</u>
GROSS INCOME	<u>\$ 207,549.63</u>	<u>\$ 69,385.81</u>
INCOME DEDUCTIONS:		
Interest on Long Term Debt	\$ 119,592.72	\$ 78,666.67
Interest on Notes Payable	2,013.40	39,527.26
Interest on Consumers' Deposits	5.14	5.51
Other Income Deductions	—	944.22
Release of Premium on Debt — Credit	402.24	267.52
TOTAL INCOME DEDUCTIONS	<u>\$ 121,209.02</u>	<u>\$118,876.14</u>
NET INCOME	<u>\$ 86,340.61</u>	<u>\$ (49,490.33)</u>

Parentheses denote red figure.

STATEMENT OF RETAINED NET INCOME

Balance, January 1, 1971	\$4,128,863.32
Add: Net Income — December 31, 1971	86,340.61
	<u>\$4,215,203.93</u>
Deduct: Uncollectible Water Bills — Prior Years	4,533.47
Balance, December 31, 1971	<u>\$4,210,670.46</u>

MUNICIPAL WATER SYSTEM

OPERATING REVENUES

Year Ended December 31, 1971

Item	Number of Customers	No. of M Gals. Sold	Revenue
Residential Metered Sales	12,724	897,853	\$ 566,945.82
Commercial Metered Sales	1,036	319,800	193,750.88
Industrial Metered Sales	112	600,811	286,665.01
Private Fire Protection—Metered	46	6,788	3,362.63
Private Fire Protection—Unmetered	7		1,986.25
Public Fire Protection—City of Jamestown—Hydrant Rental	1		33,322.81
Public Fire Protection—Other Hydrant Rental	4		7,785.00
Other Sales to Public Authorities	37	14,111	9,471.87
Sales to Operating Municipality	* 55	59,132	27,018.34
TOTAL SALES OF WATER	14,022	1,898,495	\$1,130,308.61

Rent from Water Property	\$ 475.00
Customers' Forfeited Discounts	10,322.53
Merchandise and Jobbing	1,346.74
Service Reconnection Charges	200.00
Meter Repair Charges	2,112.29
TOTAL OTHER WATER REVENUES	\$ 14,456.56
TOTAL OPERATING REVENUES—WATER	\$1,144,765.17

*Each active service connection.

TAXES—DIRECT AND TAX EQUIVALENTS 1971-1970

	1971	1970
Town of Ellicott—State, County and Town Tax	\$ 13,383.70	\$ 13,947.55
Town of Ellicott—School Tax	34,085.93	31,113.74
Town of Poland—State, County and Town Tax	10,055.05	11,871.97
Town of Poland—School Tax	20,925.87	18,202.33
Villages of Celoron and Falconer—Village Tax	3,985.90	3,932.22
City of Jamestown—Contributions in Lieu of Taxes	165,000.00	165,000.00
TOTAL	\$247,436.45	\$244,067.81
Percentage to Total Operating Revenues	21.61%	26.58%

MUNICIPAL WATER SYSTEM COMPARATIVE STATEMENT

Year	Total Water Operating Revenues	Net Permanent Improvements and Extensions	Gallons Pumped	Operation and Maintenance Cost with Deprecia- tion and Interest	Retained Net Income
1920	\$149,890.85	\$208,152.99	1,207,682,800	\$103,409.71	\$ 974,435.07
1930	296,319.04	164,798.75	1,204,295,000	136,148.31	1,951,980.97
1940	221,747.62	(6,714.88)	1,170,089,000	189,323.12	1,565,006.89
1950	425,738.75	82,500.33	1,679,684,000	285,995.55	2,395,014.26
1955	460,442.22	118,478.75	1,837,989,000	359,781.64	3,011,905.16
1960	590,712.09	98,256.13	1,904,407,000	549,805.88	3,437,992.19
1965	649,787.85	136,508.00	2,164,558,000	621,902.98	3,868,643.14
1970	918,114.68	2,287,953.86	2,416,227,000	998,847.70	4,128,863.32
1971	1,144,765.17	325,782.00	2,382,658,000	1,060,175.88	4,210,670.46

BONDED INDEBTEDNESS

General City Bonds Issued for Purposes of the Water System
DECEMBER 31, 1971

Date of Issue	Maturity	Interest Rate Per Year	Par Value of Issue	Redeemed	Outstanding End of Year	Interest Accrued in Year
Mar. 9, 1903	1943	4%	\$ 300,000	\$ 300,000	\$.....	\$.....
Mar. 9, 1903	1923	4%	300,000	300,000	.....	.....
Apr. 19, 1913	1933	4.5%	150,000	150,000	.....	.....
May 1, 1920	1960	5.25%	400,000	400,000	.....	.....
Feb. 1, 1924	1944	4.35%	280,000	280,000	.....	.....
May 1, 1970	1990	5.9%	2,000,000	100,000	1,900,000	119,592.72
TOTAL			\$3,430,000	\$1,530,000	\$1,900,000	\$119,592.72

MUNICIPAL WATER SYSTEM

SUMMARY OF STATISTICS

	1971	1970
Population Supplied— Federal Census (1970)	46,299	46,299
Total Pumpage for Year—Gallons	2,382,658,000	2,416,227,000
Maximum Daily Consumption	8,157,000	8,351,000
Average Daily Pumpage—Gallons	5,041,000	6,619,800
Gallons per Day to Each Inhabitant on Total Pumpage	140.99	142.98
Water Supply—Wells in Use	21	21
Area of Water Shed—Square Miles (Cassadaga Valley Station)	140	140
Coal Consumed at Cassadaga Valley Station	1,157,500 lbs.	1,242,500 lbs.
Number of Gallons Pumped per K.W.H. Electricity—Cassadaga Station	1,004.6	1,042.38
Number of Gallons Pumped per K.W.H. Electricity—Clay Pond Station	517.00	505.00
Storage Reservoirs— Total Capacity in Gallons	11,500,000	11,500,000
Active Services—End of Year	13,779	13,760
Hydrants in Service—End of Year	1,125	1,123
Meters in Service—End of Year	14,073	14,245
Percentage of Active Services—Metered	99.93%	99.93%
Range of Pressure in Mains—Lbs.	30 to 140	30 to 140
Miles Cast Iron Mains in Service— End of Year	162.811	162.276
Miles W. I., Ductile, Copper, and Transite Mains in Service—End of Year.....	13.743	13.768