

BOARD OF PUBLIC UTILITIES

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1970

ANNUAL REPORT

FOR THE YEAR ENDING

December 31, 1970



CITY OF JAMESTOWN, NEW YORK

ANNUAL REPORT 1970

BOARD OF PUBLIC UTILITIES
CITY OF JAMESTOWN
NEW YORK



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Merle W. Smedberg
Superintendent of Public Utilities

Robert A. Larson
Business Manager



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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—Underground cable installed in new underground conduit system and placed in service for tie line — Dow Street to Samuel A. Carlson Electric Generating Station. Capacity of Blackstone Avenue and Washington Street Substations increased by the addition of a 5600 k.v.a. transformer at each substation.

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

March 1, 1971

**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 1970 are submitted herewith as required by Section 129 of the Charter of the City of Jamestown.

Respectfully submitted,

MERLE W. SMEDBERG, Superintendent

ROBERT A. LARSON, Business Manager

Jamestown, New York

ANNUAL REPORT

of the

MUNICIPAL ELECTRIC SYSTEM

of the

**CITY OF JAMESTOWN
NEW YORK**



**FOR THE YEAR ENDED
December 31, 1970**

MUNICIPAL ELECTRIC SYSTEM

BALANCE SHEET AS OF DECEMBER 31, 1970-1969

ASSETS

Fixed Assets:	1970	1969
Operating Property — Electric	\$25,837,036.43	\$21,666,556.44
Construction Work in Progress	154,988.38	3,499,961.29
Non-operating Property	5,500.00	5,500.00
Investments:		
Miscellaneous Investments	1,351,000.00	645,000.00
Depreciation Reserve Fund—Cash	380.71	2,823.94
Depreciation Reserve Fund— Investments	11,000.00	148,000.00
Depreciation Reserve Fund— Interest Accrued	58.06	274.60
Current Assets:		
Cash—General	177,219.78	154,745.21
Working Funds	680.00	680.00
Material and Supplies	283,367.85	242,763.30
Receivables from Municipality	26,577.61	21,429.14
Accounts Receivable	279,622.74	241,374.80
Interest Accrued	3,077.78	1,480.08
Prepayments	37,267.62	44,983.83
Other Deferred Charges	397.34	3,250.71
Regulatory Commission Suspense	22,874.25	—
Miscellaneous Suspense	(17,423.36)	(17,423.36)
TOTAL ASSETS	\$28,173,625.19	\$26,661,399.98

LIABILITIES

Long Term Debt:		
Bonds	\$ 4,500,000.00	\$ 115,000.00
Current and Accrued Liabilities:		
Payables to Municipality	383.78	238.82
Accounts Payable	234,097.03	185,893.01
Notes Payable	—	2,650,000.00
Customers' Deposits	9,484.01	10,065.33
Interest Accrued	44,071.80	64,660.70
Advance Billings and Payments	109.10	109.10
Miscellaneous Current Liabilities	190,690.00	234,360.21
Reserves:		
Depreciation Reserve— Operating Property	11,876,724.19	12,206,397.44
Contributions for Extensions	185,028.82	181,566.55
Reserve for Uncollectible Accounts	8,972.18	8,485.05
Deferred Credits	16,913.52	443.45
Retained Net Income Invested in Utility Plant, Working Capital, Etc.	11,107,150.76	11,004,180.32
TOTAL LIABILITIES AND RETAINED NET INCOME	\$28,173,625.19	\$26,661,399.98

Parentheses denote red figure.

MUNICIPAL ELECTRIC SYSTEM

OPERATING STATEMENT

For the Years Ended December 31, 1970-1969

	1970	1969
OPERATING INCOME:		
Operating Revenues—Electric	\$4,164,375.78	\$3,947,046.19
Other Revenues:		
Steam Sales	\$ 1,742.54	\$ 24,449.72
Miscellaneous	14,258.08	14,046.69
Total Other Electric Revenues	\$ 16,000.62	\$ 38,496.41
Total Operating Revenues	<u>\$4,180,376.40</u>	<u>\$3,985,542.60</u>
OPERATING EXPENSES:		
Production	\$2,240,674.63	\$2,125,628.83
Transmission and Distribution	205,272.72	190,126.10
Street Lighting	22,545.12	21,135.17
Consumers' Accounting and Collecting ..	138,360.97	131,180.62
Sales Expense	3,859.60	(6,782.92)
Administrative and General	273,747.60	290,358.07
Depreciation	599,781.43	429,790.29
Taxes on Property Outside the City	46,015.90	43,541.02
Uncollectible Revenues	2,628.73	2,587.78
Contributions to City in Lieu of Taxes	391,000.00	391,000.00
Total Operating Expenses	<u>\$3,923,886.70</u>	<u>\$3,618,564.96</u>
NET ELECTRIC OPERATING INCOME	<u>\$ 256,489.70</u>	<u>\$ 366,977.64</u>
OTHER INCOME:		
Non-operating Rents	\$ 1,200.00	\$ 1,200.00
Interest	39,907.34	51,680.74
Total Other Income	<u>\$ 41,107.34</u>	<u>\$ 52,880.74</u>
GROSS INCOME	<u>\$ 297,597.04</u>	<u>\$ 419,858.38</u>
INCOME DEDUCTIONS:		
Interest on Long Term Debt	\$ 118,406.65	\$ 2,913.33
Other Income Deductions	69,923.37	113,473.78
Total Income Deductions	<u>\$ 188,330.02</u>	<u>\$ 116,387.11</u>
NET INCOME	<u><u>\$ 109,267.02</u></u>	<u><u>\$ 303,471.27</u></u>

Parentheses denote red figure.

STATEMENT OF RETAINED NET INCOME

Balance, January 1, 1970	\$11,004,180.32
Add:	
Net Income—1970	109,267.02
	<u>\$11,113,447.34</u>
Deduct:	
Miscellaneous Contributions—City (Net)	6,296.58
Balance, December 31, 1970	<u><u>\$11,107,150.76</u></u>

MUNICIPAL ELECTRIC SYSTEM
OPERATING REVENUES — ELECTRIC
For the Years Ended December 31, 1970-1969

	1970		1969	
	K.W.H. Sold	Revenue	K.W.H. Sold	Revenue
Residential Sales	62,677,172	\$1,270,812.17	59,887,812	\$1,227,304.26
Commercial Sales	64,718,740	1,165,149.24	61,310,236	1,096,989.46
Industrial Sales	97,977,717	1,349,696.84	97,966,272	1,277,067.11
Public St. Lighting— Jamestown	2,450,448	88,678.94	2,349,707	82,952.42
Public St. Lighting— Other	700,666	33,617.54	657,798	32,812.45
Other Sales to City of Jamestown	11,267,372	167,134.22	10,742,466	147,335.00
Other Sales to Other Public Authorities	5,498,114	89,286.83	5,230,006	82,585.49
TOTAL	245,290,229	\$4,164,375.78	238,144,297	\$3,947,046.19

MISCELLANEOUS ELECTRIC REVENUES

	1970	1969
Value of Steam Supplied to City Departments ..	\$ 1,742.54	\$24,449.72
Meter Reconnection Charges	696.00	913.00
Temporary Service Charges	230.00	156.00
Pole Attachment Revenues.....	13,095.48	12,977.69
Other Miscellaneous Revenues	236.60	—
TOTAL	\$16,000.62	\$38,496.41

TAXES—DIRECT AND TAX EQUIVALENTS

	1970	1969
Town of Ellicott—State and County Tax	\$ 11,957.55	\$ 11,571.70
Town of Ellicott—School Tax	27,010.33	24,330.04
Villages of Celoron and Falconer—Village Tax	7,048.02	7,639.28
City of Jamestown—Contributions in Lieu of Taxes	391,000.00	391,000.00
TOTAL	\$437,015.90	\$434,541.02
Percentage to Electric Service Revenues	10.49	11.01

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

BONDED INDEBTEDNESS

General City Bonds Issued for Purposes of the Electric System

DECEMBER 31, 1970

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	.....	1,073.33
May 1, 1970	1990	5.9%	2,500,000	.....	2,500,000	98,333.32
Nov. 1, 1970	1990	5.7%	2,000,000	.....	2,000,000	19,000.00
			<u>\$7,214,000</u>	<u>\$2,714,000</u>	<u>\$4,500,000</u>	<u>\$118,406.65</u>

MUNICIPAL ELECTRIC SYSTEM

PRODUCTION STATISTICS

Year Ended December 31, 1970

Station Output and Costs:

Maximum System Demand — July 27, 1970, 1-2 P.M.	54,565 K.W.
Cost of Generation Including Power Plant Depreciation	\$2,320,723.75
Cost of Electricity Purchased	296,904.04
Purchased Electricity Expense	670.34
Total Production Cost	<u>\$2,618,298.13</u>

Fuel Consumed:

Kind of Fuel—Bituminous Coal	
Quantity Used for Generation	125,041.49 T.
Cost of Coal Consumed	\$1,287,378.02
Average Cost per Ton Consumed	\$10.30
Pounds of Coal per Kilowatt Hour (Gross Generation)	.9484

Summary of Production and Sales:

K.W.H. Generated	263,676,200
K.W.H. Purchased	17,635,873
K.W.H. Generated and Purchased	281,312,073
Less: K.W.H. All Station Uses	19,434,300
K.W.H. Available for Distribution	<u>261,877,773</u>

	Customers End of Year	K.W.H.
Disposal of Energy:		
Residential Service	16,037	62,677,172
Commercial Service	3,179	64,718,740
Industrial Service	157	97,977,717
Street Lighting—Other Municipalities	5	700,666
Other Sales to Other Public Authorities	63	5,498,114
Used by City of Jamestown:		
Municipal Street Lighting	1	2,450,448
Other Municipal Purposes	99	11,267,372
Within Electric Department		434,523
Total Supplied and Used	19,541	245,724,752
Lost and Unaccounted For		16,153,021
Total to Balance		<u>261,877,773</u>

Per Cent of Lost and Unaccounted For	6.2%
1970 Average Units Used per Residential Customer	3,908 K.W.H.
1970 Average Annual Residential Bill	\$79.24
1970 Residential Revenue per K.W.H.	2.03c
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, 1970**

MUNICIPAL WATER SYSTEM

BALANCE SHEET AS OF DECEMBER 31, 1970-1969

ASSETS

Fixed Assets:	1970	1969
Water Plant in Service	\$8,065,839.67	\$5,777,885.81
Other Physical Property	3,847.05	3,847.05
Construction Work in Progress	131,195.12	1,959,092.56
Investments:		
Depreciation Fund	—	75,000.00
Water Improvement Fund	53,000.00	984,000.00
Current and Accrued Assets:		
Cash—General	4,530.97	20,487.42
Cash—Water Rebate Fund	20,531.78	18,758.10
Working Funds	83.29	83.29
Accounts Receivable—Consumers	161,294.94	128,253.20
Accounts Receivable—Miscellaneous	2,997.24	5,078.37
Receivables from Municipality	14,931.50	14,753.21
Interest Receivable	58.08	1,511.73
Material and Supplies	175,300.03	172,596.63
Prepayments	29,297.80	26,746.34
TOTAL ASSETS	<u>\$8,662,907.47</u>	<u>\$9,188,093.71</u>

LIABILITIES

Long Term Debt:		
Bonds	\$2,000,000.00	\$ —
Current and Accrued Liabilities:		
Notes Payable	—	2,500,000.00
Payables to Municipality	7,929.07	8,153.65
Accounts Payable	14,327.60	7,638.69
Customers' Deposits	20,671.78	18,868.10
Interest Accrued	19,667.53	68,374.43
Wages Accrued	6,126.85	6,312.18
Other Current Liabilities	42,097.79	59,773.79
Reserves:		
Reserve for Depreciation of Water Plant	2,313,601.57	2,239,303.90
Reserve for Uncollectible Accounts	69.85	69.85
Deferred Credits	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	21,102.54
Retained Net Income Invested in Utility		
Plant, Working Capital, Etc.	4,128,863.32	4,178,353.65
TOTAL LIABILITIES AND RETAINED NET		
INCOME	<u>\$8,662,907.47</u>	<u>\$9,188,093.71</u>

MUNICIPAL WATER SYSTEM

OPERATING STATEMENT

For the Years Ended December 31, 1970-1969

	1970	1969
OPERATING REVENUES:		
Sales of Water	\$904,690.41	\$839,571.00
Other Water Revenues	13,424.27	10,555.14
TOTAL OPERATING REVENUES	<u>\$918,114.68</u>	<u>\$850,126.14</u>
OPERATION AND MAINTENANCE:		
Source of Supply Expenses	\$ 39,358.52	\$ 26,348.74
Power and Pumping Expenses	210,318.98	186,883.53
Transmission and Distribution Expenses	148,541.77	150,129.46
Customers' Accounting & Collecting Expenses	46,077.89	41,194.46
Administrative and General Expenses	83,414.22	88,380.41
Depreciation	108,192.37	98,975.09
Operating Taxes—Outside City	79,067.81	56,458.78
Contributions to the City in Lieu of Taxes	165,000.00	165,000.00
TOTAL OPERATING REVENUE DEDUCTIONS	<u>\$879,971.56</u>	<u>\$813,370.47</u>
NET OPERATING REVENUES	<u>\$ 38,143.12</u>	<u>\$ 36,755.67</u>
OTHER INCOME:		
Interest on Investments	\$ 31,242.69	\$ 74,836.23
TOTAL OTHER INCOME	<u>\$ 31,242.69</u>	<u>\$ 74,836.23</u>
GROSS INCOME	<u>\$ 69,385.81</u>	<u>\$111,591.90</u>
INCOME DEDUCTIONS:		
Interest on Long Term Debt	\$ 78,666.67	\$ —
Interest on Notes Payable	39,527.26	104,339.05
Interest on Consumers' Deposits	5.51	4.27
Other Income Deductions	944.22	109.47
Release of Premium on Debt — Credit	267.52	—
TOTAL INCOME DEDUCTIONS.....	<u>\$118,876.14</u>	<u>\$104,452.79</u>
NET INCOME	<u>\$(49,490.33)</u>	<u>\$ 7,139.11</u>

Parentheses denote red figure.

STATEMENT OF RETAINED NET INCOME

Balance, January 1, 1970	\$4,178,353.65
Deduct: Net Loss — December 31, 1970	49,490.33
Balance — December 31, 1970	<u>\$4,128,863.32</u>

MUNICIPAL WATER SYSTEM

OPERATING REVENUES

Year Ended December 31, 1970

Item	Number of Customers	No. of M Gals. Sold	Revenue
Residential Metered Sales	12,605	890,195	\$443,217.87
Commercial Metered Sales	1,035	323,930	157,715.20
Industrial Metered Sales	113	511,712	222,929.56
Private Fire Protection—Metered	47	11,872	5,176.91
Private Fire Protection—Unmetered	14		1,748.63
Public Fire Protection—City of Jamestown—Hydrant Rental	1		33,192.44
Public Fire Protection— Other Hydrant Rental	4		7,785.00
Other Sales to Public Authorities	31	13,510	6,915.43
Sales to Operating Municipality	66	60,614	26,009.37
TOTAL SALES OF WATER	<u>13,916</u>	<u>1,811,833</u>	<u>\$904,690.41</u>
Rent from Water Property			\$ 475.00
Customers' Forfeited Discounts			9,224.69
Merchandise and Jobbing			1,433.89
Service Reconnection Charges			121.00
Meter Repair Charges			2,169.69
TOTAL OTHER WATER REVENUES			<u>\$ 13,424.27</u>
TOTAL OPERATING REVENUES—WATER			<u>\$918,114.68</u>

*Each active service connection.

TAXES—DIRECT AND TAX EQUIVALENTS

1970-1969

	1970	1969
Town of Ellicott—State, County and Town Tax	\$ 13,947.55	\$ 11,579.55
Town of Ellicott—School Tax	31,113.74	26,228.51
Town of Poland—State, County and Town Tax	11,871.97	3,331.87
Town of Poland—School Tax	18,202.33	11,196.43
Villages of Celoron and Falconer—Village Tax	3,932.22	4,122.42
City of Jamestown— Contributions in Lieu of Taxes	165,000.00	165,000.00
TOTAL	<u>\$244,067.81</u>	<u>\$221,458.78</u>
Percentage to Total Operating Revenues	<u>26.58%</u>	<u>26.05%</u>

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

BONDED INDEBTEDNESS

General City Bonds Issued for Purposes of the Water System
December 31, 1970

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	.....	2,000,000	78,666.67
TOTAL			\$3,430,000	\$1,430,000	\$2,000,000	\$78,666.67

MUNICIPAL WATER SYSTEM

SUMMARY OF STATISTICS

Population Supplied—	1970	1969
Federal Census (1970, 1960)	46,299	49,400
Total Pumpage for Year—Gallons	2,416,227,000	2,249,488,000
Maximum Daily Consumption	8,351,000	7,200,000
Average Daily Pumpage—Gallons	6,619,800	6,162,981
Gallons per Day to Each Inhabitant on Total Pumpage	142.98	124.76
Water Supply—Wells in Use	21	21
Area of Water Shed—Square Miles (Cassadaga Valley Station)	140	140
Coal Consumed at Cassadaga Valley Station	1,242,500 lbs.	1,430,900 lbs.
Number of Gallons Pumped per K.W.H Electricity—Cassadaga Station	1,042.38	1,140.58
Number of Gallons Pumped per K.W.H. Electricity—Buffalo Street Station	831.09	812.94
Storage Reservoirs— Total Capacity in Gallons	11,500,000	11,500,000
Active Services—End of Year	13,760	13,762
Hydrants in Service—End of Year	1,123	1,123
Meters in Service—End of Year	14,245	14,237
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	162.276	160.494
Miles W. I., Ductile, Copper, and Transite Mains in Service—End of Year.....	13.768	14.125