20th ANNUAL REPORT TABLE L. COST OF WORKS. 28 00 Board of Water Commissioners, Total amount of repair account....\$ 2,264 75 Total cost of works.....\$188,595 73
Present indebtedness....\$154,000 00
Less amount of sinking fund. 11,973 04 TABLE E. MIDDLETOWN, N. Y. EXPENSE ACCOUNT ITEMIZED. Voucher

No.

1098 T. A. March, Collector of Taxes,
Town of Wallkill.

1099 A. G. Quackenbush, Collector of
Taxes, Town of Mount Hope.

1100 C. J. Everson, surveying.

1101 Gavin & Nevin, drills.

1105 F. M. Pronk, supplies.

1110 Stivers, Slauson & Boyd, printing
and advertising.

1111 D. F. Seward, Clerk, 3 months' salary

1112 Board men running pumps.

1113 W. D. Luckey, tool box.

1114 I. F. Van Duzer, Superintendent, 6
months' salary.

1119 Road tax, pump house.

1123 D. F. Seward, Clerk, 3 months'
salary and disbursements.

1124 Pay roli running pumps.

1138 C. R. Fuller, lumber for boat house
at Reservoir.

1139 W. D. Luckey, work on boat house
1141 Rent, shed for storage, 2½ years.

1142 Thompson & Macardell, printing
and advertising.

1147 D. F. Seward, Clerk, three months'
salary and disbursements.

1149 I. F. Van Duzer, Superintendent, 6
months' salary.

1155 Pay roll running pumps.

1162 H. W. Wiggins, services.

1163 Expense break in main pipe.

Total amount expense account...\$ To the President and Members of the Board of Trustees; Less amount general fund. \$142,026 96 52 Voucher Gentlemen:—We respectfully submit to your Honorable Board our Twentieth Annual Report, with the accompanying statement, showing in detail under appropriate heads, the financial operations and constitution of the Water Department, for the year ending February 1st, 1887.

Our expenditures for the last year have been quite large, owing to the washing away of the dam at the Pumping Station, and also by the filling of the roadway at the reservoir dam. The cost of these two items you will find reported separately.

These improvements we considered necessary and important in order to protect our village against a possible loss, which might occur if the dam was washed away.

The coming year we find it necessary to replace some of the cement pipe with iron; just how much we have had breakages, and knowing they are weak, we have thought it best to replace with iron pipe.

Another item of expense we are called upon to \$132,121 44 Works cost over present indebtedness. \$ 56,474 29 TABLE M. Whole number of gate valves in use, 99, divided as follows: 16-inch.... 58 18 112 50 16 00 7 09 During the past year 7 gates were put in to replace old ones, replace old ones.

A new 6-inch gate was put in on main pipe, at the junction of King and James streets; a new 10-inch gate was put in on main pipe, on West Main street, opposite James street; a new 6-inch gate was also put in on main pipe, on East Main street, opposite Montgomery street; making 3 additional gates put in since the date of last recort. weak, we have thought it best to replace with fron pipe.

Another item of expense we are called upon to meet is the extension of our mains in order to supply the different manufacturing interests, and other parties, with water.

We have already agreed to extend our main about 3500 feet up North street to Wisner avenue, then down to the N.Y., O.4W.R.R.C.o.'s tracks, so they can take the water to the round house, machine shops, etc. There being no law authorizing the issuing of bonds for that purpose, we are prohibited from extending our mains only as we have a surplus on hand from the receipts of the water, after paying the interest on our bonds and the expenses of keeping the Water Works in repair, and other necessary expenses attending the same. Then it can only be done by the parties along the line of the main asking for it, and guaranteeing that the receipts for water will be ten per cent. on the amount expended.

We also call your attention to the fact that there are \$85,000, six per cent., and \$16,000, five per cent., Water Fund Bonds which can be paid July 1st, 1888.

There will be to the credit of the Sluking Fund. 10 15 125 09 125 00 34 63 10 00 10 00 TABLE N. The following is a table of public hydrants: Total amount expense account....\$ 1.021 27 TABLE F. MERCHANDISE ACCOUNT ITEMIZED Total number of public hydrants......107 The following table shows the number of private hydrants and where located: 26 35 149 25 70 50 246 10 TABLE G. OUTSTANDING BOND ACCOUNT. , 1889.
There will be to the credit of the Sinking Fund, that time, about \$16,000, which will leave \$85,000 be provided for. \$55,000, issue of July 1, 1878, interest payable semi-annually, at six per cent.. principal due and payable 1908, redeem-able at pleasure any time after July 1, 1888. Total number of private hydrants..... TABLE P. e can be funded at a very low rate of in-1, \$ 85,000 00 KIND, SIZE AND TOTAL NUMBER OF FEET OF DISable at pleasure any time after July 1, 1888...
16,000, issue of October 1, 1878, interest payable semi-annually, at five per cent., principal due and payable 1908, redeemable at pleasure at any time after July 1, 1888...
53,000, issue of July 1, 1881, interest payable semi-annually at four per cent., principal due and payable July 1, 1911, with the privilege to pay \$2,000, or any larger sum, at any time after July 1, 1886. This bond is now held by the Comptroller of the State of New York. We suggest that it might be well the coming year to decide upon the kind of bond and the rate of interest, and then at the proper time offer them TRIBUTION PIPE. Kind of pipe. of interest, and then at the proper time offer them for sale.

If this matter is postponed until another year, the time will be somewhat short to mature the plan and get them ready for sale in time to take up the maturing ones.

H. R. WILCOX,
U. T. HAYES,
N. W. VAIL,
JOHN WILKIN,
WM. MILLSPAUGH.

Attest: D. F. SEWARD, Clerk. Cast iron under dam ..... 16,000 00 1146 847 9504 Total am't of present bonded ind'b't'ness.\$154,000 00 The following tables, show as follows: TABLE A. TABLE H. ANNUAL INTEREST ACCOUNT. Receipts and disbursements from February 1, 1886, to February 1, 1887.

TABLE B. ANNUAL INTEREST ACCOUNT.
Bonds of \$55,000, issue of July 1, 1875,
interest payable semi-annually, at six
per cent.
Bonds of \$16,000, issue of October 1, 1875,
interest payable semi-annually at five
per cent.
Bond of \$53,000, issue of July 1, 1881, interest payable semi-annually, at four
per cent. Making the total number of feet of distribution pipe \$2,876, or 15 miles and 3,676 feet. \$ 5,100 00 Interest account itemized from February 1, 1886, to Pebruary 1, 1887.

TABLE C. TABLE Q. 800 00 INVENTORY.

Material on hand -26 lengths of 4-inc'i fron pipe, 25 feet of 4-inch iron pipe, 10 lengths of 6-inch iron pipe, 14 feet of 6-inch iron pipe, 5 lengths of 8-inch iron pipe, 6 lengths of 10-inch iron pipe, 15½ feet of 10-inch iron pipe, 2 lengths of 12-inch iron pipe, 3½-feet of 12-inch iron pipe, 1 10x6 fee, 1 6x6 fee, 2 10 inch sleeves, 4 12-inch sleeves, 6 8-inch sleeves, 76-inch sleeves, 22 4-inch sleeves, 5 iron box covers, (new), 4 iron box covers, (old), 7 iron box riogs, 2 6 inch ½ bends, 14-inch ½ bend, 1 Ayers hydrant, (old), 3 wood hydrants, (new), 1 4-inch wood pipe driver, 1 6-inch wood pipe driver, 2 4-inch sleeves for wood pipe, 6 hydrant rods, (old), 4 4-inch iron piugs, 2 sheet iron sleeves, 1 6-inch gate, (old), 1 10-inch gate, (old). INVENTORY. Construction account itemized from February 1, 1886, to February 1, 1887.

TABLE D. 2,120 00 Repair account itemized from February 1, 1886, to February 1, 1887.

TABLE E. Total am't of annual interest .....\$ 8,020 00 TABLE I. Expense account itemized from February 1, 1886, to February 1, 1887.

TABLE F. REAL ESTATE ACCOUNT For year 1867 & 1868, ending May 1, 1868. \$ 16,027 09

" 1868 & 1869, " " 1869. 35 00

" 1869 & 1870. " 1870. 71 38

" 1870 & 1871, " 1871. 1871.
" 1871 & 1872, " 1872. 1,200 00

" 1872 & 1873, " 1873. 10,165 77

" 1873 & 1874, " 1874. 448 28

" 1874 & 1875. " 1875. 443 28 Merchandise account itemized from February 1, 1886, to February 1, 1887.

TABLE G, Outstanding bond account.
TABLE H. Annual interest account. TABLE I. TOOLS. Real estate account from 1867 to February 1, t Reservoir—20 square shovels, 16 picks, 5 sledge handles, (new), 8 crow bars, 12 steel drills 1 tamping rod, 1 bush hook, 5 small sledges, 1 long shovel, 1 large sledge, 1 pail, 1 steel bar, 2 tool boxes, 1 boat, 1 scow, 1 ice saw, 1 tackle block and rope, 2 iron ings, 1 iron bar. TABLE J. 1881 & 1882, 1882 & 1883, 1883 & 1884, 1884 & 1885, 1886 & 1877, Construction account from 1867 to Feb. 1st, 1887.
TABLE K. Feb. 1, block and rope, 2 iren rings, 1 iron bar.

At Pump House—I forge, 1 anvil. 1 sledge. 2 axes, 1 saw, 2 crow bars. 1 pick, 1 rake, 1 steel bar, 2 oil cans. 2 "S" wrenches, 2 monkey wrenches. 1 tamping rod. 2 drills, 1 rammer and punch. 1 wheelbarrow, 1 stove and pipe, 1 vice, 1 paint brush. 1 coil hemp packing, 1 oiler, 3 oak planks. 4 hemlock planks.

In Pipe Sheds—I furnace pot. 1 steamer, 3 short shovels, (old), 13 cold chisels; 6 yarning tools, 10 rock wedges, 6 caulking tools, 3 hydrant wrenches, 5 red lamps, 4 street gate keys, 2 galvanized pails, 1 tapping machine, 2 grub hoes, 1 second-hand inspirator, Sinking Fund account February 1, 1887. TABLE L. Cost of works. Total am't of Real estate account ... \$ 31,045 35 TABLE M. Whole number of gate valves in use.
TABLE N. TABLE J. CONSTRUCTION ACCOUNT. Whole number of hydrants, public and private. For year 1867 & 1868, ending May 1, 1868. \$ 59,184 50 " 1868 & 1869, " 1869. 685 44 4 1869 & 1870, " 1870. 899 29 4 1870 & 1871. 10,600 00 TABLE O Street mains laid to February 1, 1887. TABLE P. Kind, size and total number of feet of distribu-TABLE R.

The whole number of metres in use is 14, and are located as follows:—12-inch Union metre, Middletown Straw Hat Works; 12-inch Union metre, A. Bull's drug store; 1 1½-inch Union metre, A. Bull's drug store; 1 1½-inch Union metre, J. T. Robertson's store; 1 1-inch Crown metre, Russell House; 1 1-inch Crown metre, Hotel Russell; 1 ½-inch Crown metre, Hoteling House; 1 ½-inch Crown metre, Foundry; 1 ½-inch Crown metre, Foundry; 1 ½-inch Crown metre, McDermott Bros. & Low; 1 ½-inch Crown metre, McMonagle & Rogers; 1 ½-inch Worthington metre, Taylor House; 1 ½-inch Worthington metre, W. C. F. Bastian's; 1 ½-inch Horsey metre, Wm, Higham's.

Meters on hand not in use—1 1½-inch Union metre, 2 ½-inch Union metres, 1 ½-inch Worthington metre.

The total cost of the re-building of the dam at TABLE Q. TABLE R. Inventory of material and tools on hand TABLE R. Whole number of meters in use and on hand. TABLE A. Grace Church, putting in meter.
B. Higham,
Permits to tap...... Total amount of construction account .. \$157,550 40 Potal amount of receipts......\$ 14,245 59 Balance on hand at date last report 10,764 26 TABLE K. SINKING FUND. Total.....\$ 25,009 65 The total cost of the re-building of the dam at the Shawangunk Kill, in the spring of 1886, was the sum of \$1,135.45. DISBURSEMENTS. 
 Interest account
 \$8,062 50

 Construction account
 \$,509 51

 Repair account
 2,264 75

 Expense account
 1,021 27

 Marchandise account
 246 10
 The expense of building the roadway at the reservoir, in the summer of 1886, was the sum of \$3,616.59. 4,519 31 The pumps at the Pump House have been run 81 days and 6 hours since March 26th, 1886. Total amount of Sinking Fund .... \$ 11,973 64 Cash balance........\$ 9,905 52
Cash in Middletown National
Bank......\$3,853 69
Cash in hands of Village Treasurer.......5,475 97 TABLE O. STREET MAINS LAID TO FEB. FIRST, 1887. Cash and cash items on hand 575 86 16 in 12 in 10 in 8 in 6 in 4 in Feet Feet. Feet. Feet. Feet. Feet. 1146 847 8843 .... Cash bal. as above...\$9,905 52 Unpaid water rents.... 3,326 69 150 Total ..... \$ 13,232 21 17,00 TABLE B. INTEREST ACCOUNT ITEMIZED. On Midland and Myrtle Aves., from East Main St. to Prospect St., iron.

On Prospect and Myrtle avenues, to Ridge street, iron.
On Grand avenue from East Main street to Prince street, cement.

"Myrtle avenue to end of pipe, wood.

And from Prince street to end of pipe, iron.
On Main street, from West Main street to Frank in street, cement.
On Division street, from Frank in to John street, cement.
On John street, from Division to North street, cement.
On North street, from John to Ballroad avenue, cement.

"Railroad avenue to Prospect street, cement.

"Railroad avenue to Prospect street, cement.
On Railroad avenue, from North street to East Main St., cement.
On Beattle avenue, from Railroad avenue to end of pipe, cement.
On Montgomery St., from north side to S. S. Wickham's house to first hydrant, (north) cement.
On Montgomery St., from first hydrant to gate near School St. cement. On Midland and Myrtle Aves., from East Main St. to Prospect St \$ 1,060 00 1,060 00 5,942 50 Total amount interest account ... \$ 8,062 50 TABLE C. CONSTRUCTION ACCOUNT ITEMIZED. 33 18 On Montgomery St., from hist hydrant to gate coement.

On Montgomery street, from gate to Prince street, iron...

On Montgomery St., from north side of S. S. Wickham's house to Robert St., iron.

On Cottage street, from Hailroad avenue to hydrant, cement...

hydrant to end of pipe, wood...

On Grove street from Railroad Ave. to Wickham Ave., cement...

Wickham Ave., from Grove St., to hydrant across Midland track, cement... Pay roll repairs Reservior dam .... # ... 1196 1196 1197 1130 1198 1188 1188 On Grove street from Railroad Ave. to Wickham Ave., cement.
Wickham Ave., from Grove St., to hydrant across Midland track, cement.
On Cortland street, from North St. to wickham avenue, cement.
On Wickham avenue from Cortland street to John street, cement.
On Prospect street, from North street to Division street, cement.
On High street, from West Main street to Cortland street, cement.
On Jame's street, from West Main street to Depot street, cement.
On Depot street, from West Main street to Depot street, cement.
On Depot street, from West Main street to East Main street, cement.
On Millstreet,
On Roberts street, from North street to East Main street, cement.
On Mulberry street, from West Main to Water street, cement.
On Millstreet,
On Water street, from Mill street to South street, cement.
On South street, from Mill street to Water street, cement.
On South street, from Washington street to Water street, cement.
On Washington St., from South -t., to Academy avenue, cement.
On East avenue from Washington St. to East Main St., cement.
On Academy Ave., from Washington St. to end of pipe, cement.
On Genung street, from West Main street to Hanford St., wood.
On Hanford street, from Wilcox avenue to hydrant, wood.
On Hanford street, from Mydrant to West Main street to Hanford St., wood.
On Benton avenue, from Cortland street to hydrant, wood.
On Benton avenue, from Cortland street to hydrant, wood.
On Division street, from West Main street to hydrant, wood.
On Monhagen avenue, from Water street (wood.
On Monhagen avenue, from Water street to Water street, cement.
On Ittle avenue, from West Main street to Water street, cement.
On Ittle avenue, from East Main street to Water street, cement. 1194 1130 625 244 167 550 724 1140 C. R. Fuller, lumber for fence at
Reservoir
1148 Armstrong & Lyon, supplies for
Reservoir dam
1150 Isaac Van Keuren, work on road at
waste way Reservoir
1152 Middletown Gas Light Co., pipe... 42 00 244 54 1 29 721 794 942 1232 Total amount construction account.\$ 3,509 51 TABLE D. BEFAIR ACCOUNT ITEMIZED. Voucher No. 674 1035 1213 656 1982 315 Pay roll Shawangunk Kill dam ....\$ 1090 "General repairs...
1091 N. B. Mapes, agent, freight on material for Shawangunk Kill dam...
1092 Pay roll Shawangunk Kill dam...
1093 Wheeler, Madden C.& M'I'g. Co.... Lafin & Rand, Powder Co., powder. Pay roll Shawangunk Kill dam... On Monnagen avenue, from Water street (1701)...

On Canal street, from West Main street to Water street, cement...

On Ittle avenue, from East avenue to Spring street, from...

On Division street, from Prospect street to Short street, cement...

On West Main street, from Junction of Wickham avenue and West Main street to Hanford street, from...

On West Main street, from Hanford street to end of pipe, wood...

'n West street, from West Main street to Main pipe, from...

On Houston avenue, from East avenue to Sprague avenue, from...

On High St., from West Main St. south to end of pipe, 500 feet 2-in...

Iron... 1097 "
1108 A. T. Bertholf, lumber
1108 W. M. Millspaugh, fumber
1104 Pay roll Shawangunk Kill dam.
1106 Van Duzer Bros. supplies
1107 and 1108 Armstrong & Lyon, supplies for Shawangunk Kill dam
1109 John Shaw, board of men at pump house. 1118 Orange Co. Furnace, work and From junction of 18 in element pipe on Ogden farm to King street, iron... supplies...

John Shaw, board of men on
Shawangunk Kill dam

Isaac Van Keuren, work at Reser-52 55 27 50 During the past year 205 feet of ten inch cement main pipe was taken out in the black dirt on the northeast side of them in disch and replaced with ten inch wood pipe. 1132 Pay roll, labor.

1125 Benton & King, new gates.

1131 Pay roll, putting in new gates.

1134 W. F. Depuy, repairing tools.

1143 John Shaw, board of men.

1144 Union Meter Co., repairing meter.

1145 Fayerweather & Laden, supplies for pump house.

1150 I. Van Keuren, work at Reservoir.

1151 Orange Co. Furnace. work and supplies.

1153 C. B. Fuller, lumber for black dirt.

1164 Pay roll, black dirt repairs. M ONEY LOANED on Nebraska real estate at good rates. Security undoubted and punctual payment of interest. Correspondence solicites, helerences given to parties in Orange county for whom I have loaned by re. For information about Norfolk and vicinity enquire of Wm Evans, Esq., Chas Mapes and Horace McBride, at Middletown, N. Y. HORSES, HORSES, HORSES! 9 35 Our second carload of horses since March 2nd, consisting of express, street car and business horses. Will be at our stables at Denton, N. Y.,

on Tuesday morning March 15th. DENTON & SHAW Jersey City, N. J., Mar. 14th, 1887. dawtf

A. J. DURLAND Norfolk, Net

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