

PLAN FOR WATER WORKS.

THE COMMON COUNCIL OF THE CITY OF OGDENSBURG hereby submit for the consideration of the tax payers of the city the following plan for supplying said city with water, with a resolution to empower them to construct the works in accordance with the plan:

The water-power property belonging to George Parish, Esq., at the east end of the dam, consisting of five runs of water with the land to which said water-power is attached, shall be purchased in accordance with the conditional contract made between the said city and said Parish. The water works will be there located in a stone building, to be erected for that purpose; and will consist of three force pumps and water wheels sufficient to propel all of them, and either of which pumps will furnish the full quantity of water required for ordinary use. There will be in connection with the pumps all necessary governors, regulators, strainers, and all other necessary appurtenances. And the upper of the building will be finished off as a dwelling, to be occupied by the Superintendent.

The water for the supply of the first and third wards, will be carried from the works up the bank in an iron pipe of ten inches clear diameter, to Montgomery street and thence distributed by the best routes to give fire protection to every house west of Seymour street.

For the supply of the second ward, an eight inch pipe, of galvanized iron, shall be laid across the Oswegatchie, in the bed of the river above the dam, and thence through the proper pipes, to afford protection against fire to all the houses in that ward.

For these purposes, six miles of pipe will be so laid as may be found best adapted to give water protection against fire to every building in the city within the fire limits. The fire limits will be established in accordance with the law, bounded by lines, nowhere distant more than fifteen hundred feet beyond the outermost line of hydrants. Annual taxation for the expense of furnishing water is to be confined to the property within these limits.

There shall be put down one or more artesian wells near the east end of the dam, where the necessary machinery for drilling may be propelled by water power, in the expectation that artesian water may be obtained of superior quality and in quantity sufficient for domestic supply, and meantime water of the Oswegatchie, strained and filtered through gravel, will be furnished. Should not water satisfactory in quality and quantity for domestic purposes be obtained at the dam or from artesian wells, the Common Council will extend a pipe to the pump well from either the St. Lawrence or from the Oswegatchie at the Railroad bridge, as may then appear most advisable. In case of conflagration, however, the reliance will be on the water of the Oswegatchie at the dam.

To provide for the contingency of a failure of water power sufficient to drive the pumps, by accident to the dam or great drought, the works will be so constructed and arranged that a steam engine and boiler can be placed in the building and connected with the works whenever its necessity shall be indicated, and of sufficient power to furnish the supply required, including a good supply for extinguishment of fires.

The Common Council hope and believe it will not be necessary to incur the expense of supply pipes from the St. Lawrence or from the Oswegatchie far above the dam, or for a steam engine; but as a large expense must be incurred in laying the mains essential for water works from any source of supply, it will be wise to provide for those and other appurtenances, to be promptly applied if experience shall demonstrate their necessity.

We estimate the expense of the works as follows:

For the water power and grounds,.....	\$5,400
Buildings and foundations,.....	5,000
Machinery complete, as per engineer's estimates,.....	16,000
Six miles of main pipe, different sizes,	82,000
Wrought iron pipe, to cross river,.....	2,000
Digging and filling for laying pipe,.....	7,500
Supply pipe above cemetery, or filtering works,...	4,000
Hydrants, stop cocks, valves, &c.,.....	4,000
Freight on pipe,	3,500
Steam engine and boiler,	5,000
Ten per cent. for contingencies,	8,440

\$92,840

And we estimate the expense of keeping the works in repair at the sum of one thousand dollars per annum.

To carry this plan into effect, the Common Council, upon the unanimous advice of the Board of Water Commissioners, submit the following resolution, to be voted upon by the tax payers at a special election, to be held at the Town Hall, on the seventh day of July next at ten o'clock A. M., pursuant to a notice to be published, as prescribed by the charter.

RESOLVED, That the plan proposed by the common council for supplying the city with water, be, and the same hereby is approved. And the common council are authorized to carry the same into effect, and for that purpose to issue the bonds of the city, signed by the mayor, countersigned and registered by the clerk and treasurer, payable in not less than twenty years, bearing interest at seven per cent per annum, payable semi-annually in the city of New York, Boston or Ogdensburg, as they may determine when they issue the bonds, and not exceeding in all the sum of one hundred thousand dollars. And that an annual tax be levied each year, sufficient, after paying the money received for the use of the water, to pay the interest, defray the expenses of operating the works and keeping them in repair; or renew the bonds, or issue new ones in their place, so as to extend the time of payment when advisable; to set apart a portion of the water rents after the expiration of ten years in a sinking fund, to redeem the bonds, and finally to levy taxes whenever necessary to redeem the same, or any part thereof.

By order of the Common Council,
(je24d&w2w) N. H. LYTLE, City Clerk.