

ANNUAL REPORT
OF THE
WATERING COMMITTEE,

For the Year 1837,

TO

THE SELECT AND COMMON COUNCILS

OF

THE CITY OF PITTSBURGH:

INCLUDING

A STATEMENT OF THE TOTAL AMOUNT EXPENDED

IN THE

CONSTRUCTION OF THE WATER WORKS.

PRINTED BY JOHNSTON & STOCKTON.

1838.

ANNUAL REPORT
OF THE
WATERING COMMITTEE
FOR THE YEAR 1838

PROCEEDINGS IN COUNCILS.

THE SELECT AND COMMON COUNCILS

In **SELECT COUNCIL**, 2d January, 1838, the Annual Report of the Water Committee was read and accepted, and ordered to be printed.

A. MILLAR, *Ck.*

In **COMMON COUNCIL**, 4th January, 1838, read and accepted, and a resolution passed that 1000 copies of the Report be printed, in pamphlet form, under the direction of the Mayor.

J. KING, *Ck. C. C. pro tem.*

In **SELECT COUNCIL**, 4th January, read and resolution concurred in.

A. MILLAR, *Ck.*

CONSTRUCTION OF THE WATER WORKS

REPORT OF THE WATERING COMMITTEE FOR THE YEAR 1838

AMOUNT OF WATER RENTS
COLLECTED FOR THE

TO THE

SELECT AND COMMON COUNCILS

OF THE

CITY OF PITTSBURGH.

The Water Committee present the following report of their proceedings during the year 1837:

The Water Rents, assessed on the different establishments using Hydrant Water, for the present year, amount to *fourteen thousand one hundred and forty-five dollars*, as follows, viz:

4 Rectifying Distilleries,	\$64 00
6 Hatteries,	95 50
2 Glass Manufactories,	82 00
2 Public Baths,	105 00
3 Tanneries,	118 00
3 Breweries,	205 00
City Gas Works,	75 00
County Jail and Offices,	100 00
9 Livery Stables,	165 00
9 Foundries,	184 00
22 Taverns and Hotels,	533 00
41 Steam Engines,	1435 00
936 Families and Stores at 3 dollars,	2814 00
359 Dwellings and Stores at 4	1436 00
310 Dwellings 5	1550 00
276 Dwellings 6	1656 00
198 Dwellings 7	1386 00
66 Dwellings 8	528 00
52 Dwellings 9	468 00
64 Dwellings 10	640 00
42 New Buildings	505 50

2408 Tenements, of which 2263 are dwellings, averaging \$4 63 cents, each.	\$14,145 00
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AMOUNT OF WATER RENTS

COLLECTED FOR 1837.

By City Collector,	\$13,240 00	
By Register from New Buildings,	392 50	
By do. on suits,	164 97	
		<hr/>
		13,797 47
Due on unfinished buildings, secured by due bill,	127 98	
Judgments on Alderman Christy's doc- ket,	70 00	
Allowed by Committee and lost taxes,	149 55	
		<hr/>
		347 53
		<hr/>
		\$14,145 00



Of the arrearages from last year, there has been collected one hundred and eighty-four dollars twenty-two cents by Register, and paid into the Treasury, making a total amount, received this year, for Hydrant Water, \$13,981 69

The Appropriations for the City Water Works, during the year 1837, are as follows:

By Ordinance of March 27th, 1837,	11,000 00	
By Ordinance of July 7th, 1837,	5,575 00	
	<hr/>	\$16,575 00

Expenditures during the year 1837, on account of the current expenses of the Works.

Coal for supplying Works,	1355 00	
Oil, Tallow and Packing Yarn,	283 11	
Labor and repairs of Pipes,	1245 38	
Castings and Smith Work,	618 89	
Lumber and Carpenters' Work,	413 03	
Painting and repairs of Buildings,	326 95	
Miscellaneous items,	265 00	
Stationery and Printing,	44 50	
	<hr/>	\$4551 86

On account of Permanent Improvement and Extension of Works.

For Pipes purchased from Adams, Allen & Co.	1558 47	
Do. from Freeman & Miller,	1269 13	
Do. from Cuddy, Mitchell & Co.	3741 70	
For Pig Lead,	439 08	
For labor in laying Pipes,	1218 30	
	<hr/>	8226 68
On account of repairs of Engine,	2900 00	
For Iron and Brass Castings, Stop Cocks,	212 17	
Placed in the hands of Superintendent,		
for laying down Pipes under Canal,	500 00	
	<hr/>	3612 17
		<hr/>
		\$11,838 85
		<hr/>
Total amount expended,		\$16,390 71
Leaving an unexpended balance in the Treasury of		184 29
		<hr/>
		\$16,575 00

Statement of Pipes provided and laid down in 1837.

In Penn street, from Adams to Harrison,	8 inch,	900 ft.
In Walnut, from Penn to Etna street,	6 " 500	
In O'Hara, from Penn to Mulberry Alley,	6 " 136	
In Wayne, from Penn to Liberty street,	6 " 312	

Total of 6 inch, 948

In Hay street, between Penn and the River,	4 inch,	36 ft.
In Try street, from 2d to 3d street,	4 " 201	
In Third, from Try to Hill street,	4 " 133	
In Hill street,	4 " 474	
In Factory street, from Penn towards Liberty,	4 " 163	
In Etna, from Walnut towards Factory street,	4 " 259	
In Tunnel st. from Coal Lane towards Turnpike,	4 " 202	
In Penn st. from the Canal to Adams st.	4 " 1,838	

Total of 4 inch, 3,306

In Chatham st. from Coal Lane to Wylie st.	2 inch,	280
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Total No. of feet laid, 5,434

Also, 5 Fire Plugs and 9 Stop Cocks.

Statement of all the Pipes laid down in the City, December, 1837.

17 inch,	391 feet,	Amount brought up	11,343 feet,
15 inch,	2,563 "	6 inch,	9,508 "
12 inch,	1,693 "	4 inch,	22,847 "
10 inch,	360 "	2 inch,	1,526 "
8 inch,	6,336 "	Branches,	504 "
<hr/> 11,343		<hr/> 45,728 feet, total	

length, or about eight and a half miles.

The number of Stop Cocks now provided is 74

The number of Fire Plugs, is 49

The total amount expended in constructing the Water Works up to the close of the year 1833, as stated in the Annual Report of that year, was, \$161,408 00

The amount expended for the same purpose, in 1837, 11,838 85

Total cost of the Works, Dec. 30, 1837, \$173,246 85

Interest on this amount, at 5½ per cent., is \$9,528 53

Current expenses of Water Works during the year 1837, 4,551 86

Amount together, \$14,080 39

Net Revenue of the Works during the present year, 13,981 69

Being less than interest and expenses, \$98 70

By the last Annual Report of the Committee it appears, that from the commencement of the Works up to the close of 1836, there was an average deficiency in the revenue of about 2,600 dollars per annum. The deficiency during the present year, computed on the same principles, is reduced to \$98 70. And as the pipes were not extended into the 5th Ward until late in the season, but little revenue has been collected from it. The amount to be collected from that Ward during the next year, will greatly exceed the amount received this year.

The entire revenue for 1838, may, therefore, be safely estimated at 15,000 dollars, yielding a clear net revenue of 10,000 dollars.

The present year has been an unfavorable one for making collections: but as experience had demonstrated that considerable sums were lost by granting indulgences, and postponing the period for final demands, the assessments were made early in the season; and the Collector and Register have both been diligent in collecting, and prompt in enforcing payment from delinquents, and their efforts have been eminently successful.

The average quantity of Water sent up from the river to the Reservoir daily during the long days, and warm weather of the summer, is about 1,350,000 gallons. The average in the short days of winter, is 672,000. The daily average throughout the whole year, is about 1,000,000 gallons, being equal to an average of 400 gallons daily, to each tenant—including Steam Engines, Breweries, Tanneries, Hotels, &c. each as one tenant. The cost of the water to the consumer, is less than one and a half cent per annum, for each gallon supplied daily. The Water Works supply the Reservoir, and thence distribute through every part of the City, and deliver at the door of each individual who desires to possess it, a constant supply of pure water, at an average cost, on the whole, of one cent for every seven barrels supplied.

It appears from the last annual report of the Philadelphia Water Works, that the average price paid by the tenants of that city, is five dollars and forty cents each; being seventy-seven cents more than the average price paid by the tenants of this city; and that the average price for all the water furnished, is one cent for each three and a half barrels supplied; being only one half the quantity that is furnished by the works of this City, for the same price.

In closing this Report the Committee take pleasure in bearing their united testimony to the industry and zeal of Mr. Robert Moore, the efficient Superintendent of the Water Works, who has for so many years had the immediate care and direction of them. To his skillfulness and assiduity, the City is greatly indebted for the uniform success which has attended the operations of the Works.

Respectfully submitted.

W. WADE,	}	Committee.
W. J. TOTTEN,		
JOHN S. BLAKELY,		
LINTON ROGERS,		
G. A. COOK,		

OFFICE OF WATER WORKS,
Dec. 30th, 1837. }

Superintendent,

ROBERT MOORE.

Assessor and Register,

W. CLOSEY.

Collector,

THOMAS DICKSON.