ANNUAL REPORT

OF THE

WATERING COMMITTEE,

For the Year 1887,

TO

PROCEEDINGS IN OWNERS

THE SELECT AND COMMON COUNCILS

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THE CITY OF PITTSBURGH:

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A STATEMENT OF THE TOTAL AMOUNT EXPENDED

IN THE

CONSTRUCTION OF THE WATER WORKS.

PRINTED BY JOHNSTON & STOCKTON. 1838.

AMMULL REPORT

PROCEEDINGS IN COUNCILS.

WHER AND THE CASE OF SHIELD

WATERING COMPATERS

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

RUEEDS SYS TORAS

A. MILLAR, Cl'k.

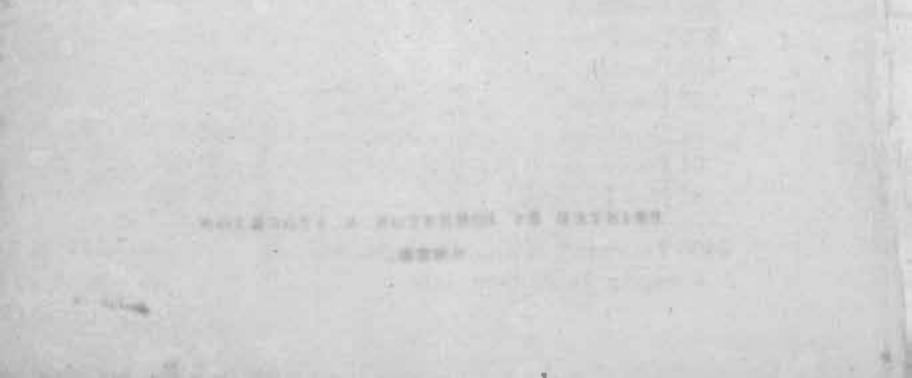
In COMMON COUNCIL, 4th January, 1838, read and accepted, and a resolution passed that 1000 copies of the Report be printed, in pamphlet form, under the direction of the Mayor.

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J. KING, Cl'k. C. C. pro tem.

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

A. MILLAR, CFk.



MOUNT OF WATER MER

TO THE

SELECT AND COMMON COUNCILS

OF THE

OITY OF PHILISBURGE.

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
938 Families and Stores at 3 dollars,	2814 00
359 Dwellings and Stores at 4	1436 00
310 Dwellings 5	1550 00

bio Dwennigs 1000 00 276 Dwellings 6 1656 00 7 198 Dwellings 1386 00 66 Dwellings 528 00 8 52 Dwellings 468 00 9 640 00 **R4** Dwellings 10 42 New Buildings 505 50

\$14,145 00

2408 Tenements, of which 2263 are dwellings, averaging \$4 63 cents, each.

AMOUNT OF WATER RENTS

COLLECTED FOR 1837.

CT AND COMMON CORNELLS

By City Collector,	\$13,240	00
By Register from New Buildings,	392	50
By do. on suits,	164	97

\$2 - PH.

	13,797
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

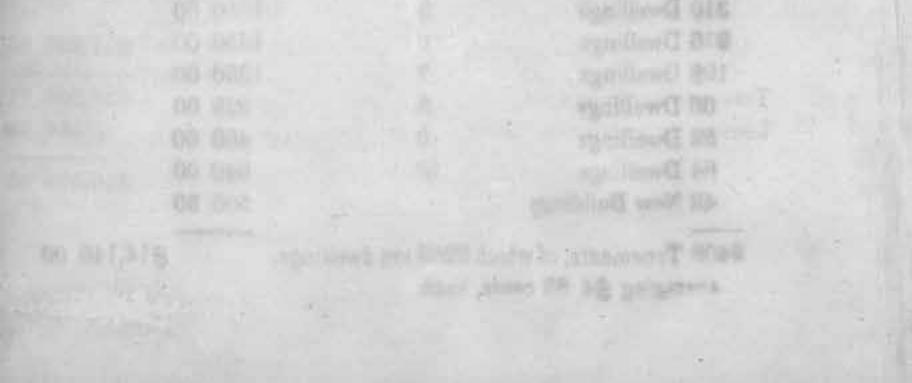
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\$14,145 00

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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

\$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

\$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

8226 68

On account of repairs of Engine, 2900 00 For Iron and Brass Castings, Stop Cocks, 212 17 Placed in the bands of Superintendent, for laying down Pipes under Canal, 500 00

Total amount expended, Leaving an unexpended balance in the Treasury of

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\$16,390 71 184 29

\$11,838 85

\$16,575 00

Statement of Pipes provided and laid down in 1837.

In Penn street, from Adams to Harrison,	8 i	nch,		900	ft.
In Walnut, from Penn to Etna street,	6	56	500		HQ.
In O'Hara, from Penn to Mulberry Alley,	6	66	136		
In Wayne, from Penn to Liberty street,	6	46	312		
			-		
Total	of 6	inch	. Begany	948	(he
In Hay street, between Penn and the River,	4	inch,	3 6 f	t.	
In Try street, from 2d to 3d street,	4	66	201		
In Third, from Try to Hill street,	4	66	133		
In Hill street,	4		474		
In Factory street, from Penn towards Liberty	, 4	66	163		
In Etna, from Walnut towards Factory street	, 4	66	259		
In Tunnel st. from Coal Lane towards Turnpik	:e,4	66	202		
In Penn st. from the Canal to Adams st.	4	66	1,838		
Total of	4 in	ch,	3	,306	
In Chatham st. from Coal Lane to Wylie st.				280	
Total No. o	f fee	et laid	, 5	,434	100

Also, 5 Fire Plugs and 9 Stop Cocks.

BY CATS

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	66	
12 inch,	1,693 "	4 inch, 22,847	66	0
10 inch,	360 "	2 inch, 1,526	66	e H
8 inch,	6,336 "	Branches, 504	66	
	11 949	15 000	Cont	4 - 4

11,343

45,728 feet, total

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64

length, or about eight and a half miles.

184

The number of Stop Cocks now provided is74The number of Fire Plugs, is49

proventing any straighted birlands for parvan.

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 \$173,246 85 Total cost of the Works, Dec. 30, 1837, \$9,528 53 Interest on this amount, at 53 per cent., is 4,551 86 Current expenses of Water Works during the year 1837, \$14,080 39 Amount together, 13,981 69 Net Revenue of the Works during the present year, \$98 70 Being less than interest and expenses,

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: bu 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, &cc. each as one tenant. The cost of the wa ter to the consumer, is less than one and a half cent per annum, for each gal lon supplied daily. The Water Works supply the Reservoir, and thence dis tribute through every part of the City, and deliver at the door of each indi vidual 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, W. J. TOTTEN, JOHN S. BLAKELY, LINTON ROGERS, G. A. COOK,

Committee.

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

Superintendent,

ROBERT MOORE.

Assessor and Register,

W. CLOSEY.

Collector,

THOMAS DICKSON.