## REPORT

## OF THE

# WATERING COMMITTEE 

TO THE

SHITHOTM ANID COMEMION COUNCIIS

READ JANUARY 9, 1823.

PUBLISHED BY ORDER OF THE COUNCILS.

PHILADELPHIA:
PRINTED BY LydiA r. bAILEY, NO. 10, NORTH ALLEY.
1823.
130478!

AIIT x

THTTVMTMTROD DVITKTTAW
Het $\mathrm{H}^{\circ}$


$\qquad$
$\qquad$-
 ..... 

$\qquad$
$\qquad$
$\qquad$

## ANNUAL REPORT

OF THE

## WATERING COMMITTEE.

IN the accompanying Report, the Watering Committee having made a full statement of their proceedings in the works at Fair Mount, and in laying the iron pipes, it only remains further to communicate the account of their fiscal concerns for the past year, with their prospect for the present.

The Committee refer to the annexed documents, as part of their report, in which will be found the particulars of the expenditures for the year 1822, from which, and from the report last year, it appears, That the sum estimated to carry on the works of the Steam Engines, the Distribution, Salaries; \&cc was - - - - - - 21694,05 And that the sum expended on this head, per account No. 1, amounts to - $\quad 2558873$

## Showing a deficiency of

$\$ 589468$
Which will be easily accounted for, when it is known that the steam engines were not finally stopped until the 24th of October last, and that it had been calculated they would not be wanted longer than the 1st of July ;-and also, that there are on hand five hundred cords of wood, the cost of which is included in the above mentioned expenditure, which the Committee deemed it prudent to lay up, to guard against any unforeseen event in the operation of the water wheels in the winter. The Committee believe this to have been an excess of caution, and that the wood will be to be sold in the spring. By the Ordinance of 9th May, and the supplement thereto of 24th October, authorizing a loan for iron pipes, the sum of 25000 dollars was raised at an interest of 6 per cent. with a premium of 4 per cent., and 25000 dollars was raised at an interest of 6 per cent. with a premium of $\$ 701$ per cent., and there was accordingly placed to the order of the Committee - - - 5000000 Of which there has been expended, per account No. 1, - . . . 3328708

Leaving unexpended,
$\$ 1671292$
A 2
And there is on hand a quantity of iron pipes and castings which are
paid for, amounting, per account No. 9 , to
And 12 tons of lead, per ditto.
Together,

| The Committee estimated there would be required, during the past year, to caused by the dam at Fair Mount, <br> Of which the account No. 1, shows there has been expended, | y damages <br> 500000 <br> 135683 |
| :---: | :---: |
| Leaving a surplus of | \$ 364317 |
| The sum estimated to complete the dam and other works at Fair Mount, was | 3600000 |
| And there was expended, per account No. 1, for buildings, mills, raising mains, \&c. |  |
| Reservoirs, - . - - - - - 696944 |  |
| Dam, locks, \&c. - - - - - - 234888 |  |
| Pumps, - - - - - 412673 |  |
| Amounting to | 4628518 |
| Making a deficiency of | 10285 |

Which arose from various causes, amongst which were the great ice freshet of 21 st February, 1822, which pointed out some essential things to be done for the security of the dam, not within the contract of Mr. Cooley; another material circumstance was that of the necessity of building a wall in the new reservoir, and laying the bottom with mortar and bricks to make it tight, which was not originally contemplated, as it was universally believed that it might be made so with clay and puddling; a further cause is to be found in the rise of wages of the millwrights and other workmen, and the much greater length of time required to complete the mills, and work generally, than was anticipated.
The funds which may be relied upon for the foregoing deficiencies, and expenses of the present year, are as follows, viz.-
Amount of duplicates of water rents of 1822, per account No. 5, is
2202975
Ditto paid into the treasury by the superintendent for articles sold and rent of Chesnut street works, by account No. 2,

146664
Amount paid into the treasury by the register, for rents received in advance, money received from delinquents, and for permits, as appears by account No. 6,

247724
Amount of surplus arising from water rents of 1821 , which were stated in the report of 19th January, 1822, (the duplicates not being then settled) at - - - - . 2071485 but which have actually produced - - - - 2195499 Difference,
$1240 \quad 14$
Amount which may be received from the sale of 500 cords wood, at 4 dollars, 200000
Balance of water pipe loan unexpended, - - - - 1671292
Ditto, of appropriation for damages, unexpended, - - . - 364317
Amount carried forward, $\quad 4956986$



To which is to be added such sum as may probably meet the demands of the present year for damages claimed to be done by the erection of Fair Mount dam, the amount of which it is impossible for the Committee to state:-they recommend that an ordinance be passed (and which they offer herewith) to authorize raising the sum of 25000 dollars, to cover the foregoing deficiency, and to meet such claims as may be settled, and which will, of course, only be raised from time to time as may be found needful.

Amongst the accounts herewith will be found the following, which show,
No. 3. The quantity of iron and wooden pipes laid in 1822, and the quantity of the latter on hand.

No. 7. The number of dwellings, manufactories, \&c. now supplied with Schuylkill water.
No. 8. The amount of duplicates of water rents for 1823 , showing an increase since the last report, of 1008 dollars.

By the account No. 8, it will be seen that the amount of the water rents is 82548550 ; that they are progressing ; and that, as was anticipated by the Committee in former communications, the rents are not only competent to support the works, and current expenses, but that they are also enabled to come in aid of the general funds; for it appears that the surplus beyond the expenses of the works for this year, amounts to $\$ 1481909$, thereby reducing the tax by so much, or in other words, rendering unnecessary a resort to a loan for that sum ; at the same time that the city may receive more than double the quantity of water it has ever enjoyed.

On this happy state of things, the Committee most sincerely congratulate Councils; and, with their best wishes for the prosperity of our constituents, whose comfort and happiness are the paramount aim of the Members of Councils, they respectfully submit this annual statement.

By order of the Committee.
JOSEPH S. LEWIS, Chairman.
January 6, 1823.

## No. 1. <br> LIST OF CERTIFICATES FOR MONEYS

## DRAWN BY THE <br> WATERING COMMITTEE <br> FOR <br> MAIM MOUTH WATER WORSE

From Dec'r. 31, 1821, to Dec'r. 31, 1822.


No. 1.

## ABSTRACT OF PAYMENTS

## MADE UNDER THE

FOREGOING CERTIFICATES.

## Distribution.

| No. 1822. |  |  | Dols. ${ }^{\text {C }}$ C. |
| :---: | :---: | :---: | :---: |
|  |  | 22 J. \& S. Gleason, for 1 dozen shovels, had in 1821, | 650 |
|  |  | M'Corkle \& Hamelin, for advertising in 1821, | 434 |
| 333 F | Feb'y. | 1 Wages of workmen for January, 1822, | 41655 |
| 334 |  | 18 Arabella Jones, for 6 months' ground rent, due Feb. 1, 1822, | 1333 |
|  |  | James G. Watts, for advertising in 1820 and 1821, | 400 |
|  |  | Thomas Morgan, for 7 gallons neat's oil, at \$125, | 875 |
| 335 | March | 1 Ann Smith, for hauling 14 loads sand to shop yard, | 1050 |
|  |  | Wages of workmen for February, - | 34785 |
| 337 | April | 1 Ann Smith, for hauling sand to shop yard, | 1175 |
|  |  | Wages of workmen for March, | 40606 |
| 338 | May | 2 Alexander Purvis, for 45 yards of cloth, at 52 1-2 cents, | 2362 |
|  |  | J. \& S. Gleason, for 3 dozen socket shovels, - | 1950 |
|  |  | Samuel Haydock, for part of 723 feet of lead pipe, | 18855 |
|  |  | James Burson, for 6463 feet of pipe timber, at 15 cents, | 96945 |
| 339 |  | Wages of workmen for April, - - | 42573 |
| 340 |  | 21 Robert Looney, for hauling lead, and for rafting logs to Schuylkill, | 4000 |
|  |  | Beckley \& Son, for 3504 feet 5-8 yellow pine boards, at $\$ 20$, | 7008 |
|  |  | Joseph S. Lewis \& J. Bacon, draft for the payment for lead pipe, | 40000 |
|  |  | Thomas Morgan, for neat's oil, | 837 |
| 342 | June | 3 Ann Smith, horse hire for horses at boring mil | 4912 |
|  |  | Frederick Graff, for sundry small bills paid by him, | 2775 |
| 343 |  | 13 Wages of workmen for May, - - | 48069 |
| 45 | July | 1 Wages of ditto for June, - | 28228 |
| 346 |  | John Warnock, for nails and spikes, \&c. | 1700 |
|  |  | George \& Jacob Peterman, for horse feed to J | 4557 |
| 351 | August | 1 Michael Williamson, for sundry wrought iron, | 12000 |
|  |  | Joseph Caskey, for whiskey, | 4676 |
| 352 |  | Ann Smith, for hauling done in July, | 3900 |
|  |  | Wages of workmen for July, - | 36546 |
| 353 | Sept'r. | 2 Arabella Jones, for six months' ground rent, due August 1 | 1333 |
|  |  | John De Lametor, 1 year's int. for lot Schuylkill 2d and Callowhill, | 3333 |
|  |  | Robert Looney, for sundry articles paid for, - - | 4180 |
| 354 |  | Ann Smith, for hauling wood pipes from High street, | 3375 |
|  |  | Wages of workmen for August, - | 41331 |
| 355 |  | 22 Michael Fox, for bricks for repairs of hydrant pumps, | 2850 |
| 357 | Oct'r. | 1 Wages of workmen for September, | 27141 |
| 358 |  | Joseph Knight, for 130 bushels Virginia coal, delivered at 301 -2 cts. | 3965 |
|  |  | Rush \& Muhlenberg, for sundry castings, | 3150 |
|  |  | Ann Smith, for sundry hauling in September, | 2750 |
| 359 | Nov'r. | 1 Lane Schofield, for a new cart in exchange, | 4500 |
|  |  | Israel Roberts, for copper balls for hydrant pumps, - | 6000 |
|  |  | Frederick Erringer, county poor tax for Cherry St. estate, for 1822, | 1040 |
|  |  | Joseph Caskey, for 4 barrels of whiskey, - - - | 4624 |
|  |  | Michael Williamson, for wrought iron, | 8000 |
| 361 |  | Wages of workmen for October, | 27722 |
| 363 | Dec'r. | 2 Sprogal Dear, for repairs of cart and wagon in August | 1050 |
|  |  | Justus Rockwell, for hooping cart and wagon wheels, | 787 |
|  |  | Henry Bell, for sundry lumber, - | 3240 |
|  |  | Amount carried forward, | 6352 27 |











|  | 1822. | Amount brought forward, Salaries. | $\overline{\|D o l l s .\| C .}$ | $\begin{array}{\|l\|l\|} \hline \text { Dolls. C } \\ 103860 \\ & 86 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | Jan'y. 22 | Thomas P. Roberts, 1 quarter's salary, due January 14, | 12500 |  |
|  | April 1 | Frederick Graff, . ditto, due April 1, | 50000 |  |
| 338 | May 2 | Thomas P. Roberts, ditto, due April 14, | 12500 |  |
| 345 | July 1 | Frederick Graff, James Young, 6 months' | 50000 |  |
| 346 |  | Thomas P. Roberts, balance for ditto, to June 13, | 8196 |  |
|  | 4 Sept'r. 2 | James Young, for extra services in 1822, - | 2500 |  |
| 355 | 5 22 | Samuel W. Rush, 1 quarter's salary, due September 14, | 12500 |  |
| 360 | Nov'r. 1 | Frederick Graff, ditto, due October, 1, | 50000 |  |
| 366 | Dec'r. 30 | Samuel W. Rush, ditto, due December 14, | 12500 |  |
| 370 |  | James Young, 6 months' ditto, due December 31, Frederick Graff, 1 quarter's ditto, due December 31, | $\begin{array}{r} 2500 \\ 50000 \end{array}$ | 265696 |
|  |  |  |  | 10651782 |

## ABSTRACT OF PAYMENTS

## MADE BY THE

## WATERING COMMITTEE,

From Dec'r. 31, 1821, to Dec'r. 31, 1822.


No. 2.

## SUMS PAID INTO THE TREASURY

## BY THE SUPERINTENDENT,

From Dec'r. 31, 1821, to Dec'r. 31, 1822.


No. 3.

## STATEMENT OF PIPE,

USED IN THE DISTRIBUTION,
From Dec'r. 31, 1821, to Dec'r. 31, 1822.


No. 9.

## Account of Iron Pipes on hand.

| $11-2$ inch pipes |  | 6 feet each | 300 feet, | at 40 cents, | $\begin{gathered} \hline \overline{\text { Dolls. }} \mathbf{C .} \\ 1200_{00} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2 inch do. | 2 | 6 | 12 do. | 40 | 480 |
| 3 inch do. | 108 | 9 | 972 do. | 45 | 43740 |
| 4 inch do. | 141 | 9 | 1239 do. | 64 | 79296 |
| 6 inch do. | 372 | 9 91- | 3348 do. | \$115 | 385020 |
| 8 inch do. | 174 | 9 相起 | 1561 do. | 167 | 2. 260687 |
| 10 inch do. | 7 | 9 | 63 do. | 187 | 11781 |
| Add stop cocks, branches, \&c. on hand,12 tons lead, at $\$ 14000$ |  |  |  |  | 793004 |
|  |  |  |  |  | - 50000 |
|  |  |  |  |  | . 168000 |
|  |  |  |  |  | 10110,04 |

## No. 4.

## ESTIMATES FOR THE YEAR 1823.



No. 5.

## STATEMENT

OF

THE ACCOUNT OF WATER RENTS FOR 1822.


No. 6.

Amount of Water Rents, and for Repaving, received by the Register, from December 1, 1821, to December 31, 1822, and paid into the Treasury.


## No. 7.

## Dwellings, Manufactories, and Institutions,

Supplied with the Schuylkill Water, to the 31st December, 1822.


No. 8.

## AMOUNT

OF

## DUPLIOATRE OT WATMRTB BENTR

FOR 1823.


