

REPORT

OF THE

WATERING COMMITTEE,

TO THE

SELECT AND COMMON COUNCILS.

READ JANUARY 10, 1828.

PUBLISHED BY ORDER OF THE COUNCILS.

PHILADELPHIA:

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1828.

ANNUAL REPORT

OF THE

WATERING COMMITTEE.

To the Select and Common Councils of the City of Philadelphia.

THE Watering Committee respectfully submit to Councils their accounts and proceedings for the past year, and their estimates for the present year.

The amount expended in 1827, for Iron Pipes, as will be seen by reference to Account No. 1. B, is - - - - - \$44,197 24

To meet this object, there was raised on Loan, agree-		
ably to the Ordinance of 22d of March last,	-	\$50,000 00
To which may be added the surplus of 1826,	-	1,024 63
		<hr/>
		51,024 63

Leaving a balance of - - - - -		\$6,827 39
From which may be deducted the excess on account of North-East		
Reservoir, &c. - - - - -		5,814 66
		<hr/>
		\$1,012 73

There will remain a surplus of - - - - - \$1,012 73

The quantity of Iron Pipes laid in 1827, was 41,044 feet, being 7937 feet more than was estimated to be laid, being part of the work intended for 1828, which, added to those previously laid, makes the whole quantity, in extent, upwards of 28 $\frac{1}{4}$ miles.

The quantity of repairs to Wooden Pipes in 1827, was 767 feet; but little more than one-half of those of 1826: which is a further proof, that the system of laying down Iron Pipes is by far the best economy, particularly when the fact is stated, that a few years ago, the cost of relaying and repairs, &c., of Wooden Pipes, in one year, was upwards of 3000 dollars.

The Committee have entered into contract, for Iron Pipes, for 1828, agreeably to a Resolution of Councils, of the 9th of August last, on much more favourable terms than any previous year; the difference in price being nearly 26 per cent. in favour of the City; the amount authorized, including the expense of laying,

was, - - - - -		\$50,000 00
To which should be added the expense of laying the Pipes on hand,		1,012 73
		<hr/>
Making, - - - - -		\$51,012 73
From which, deduct the surplus of appropriation for 1827,	-	1,012 73
		<hr/>
There remains to be appropriated for 1828, - - - - -		\$50,000 00

And the Committee, for the reasons stated in former Reports, recommend that this sum should be raised on Loan, and herewith submit the draft of an Ordinance for that purpose.

The sum appropriated to pay damages in 1827, was	-	-	\$870 49
The sum drawn from the Treasury to pay damages in 1827, as per			
Account No. 1. K, was	-	-	275 00
There remains an unexpended balance of	-	-	<u>\$595 49</u>

The cost of distribution, of water power, of Fair Mount Works, of salaries, of incidentals, and of repaving over Water Pipes, in 1827, amount, by the Accounts No. 1. A, C, D, E, F, G, herewith presented, to the sum of - \$14,042 24
To meet which there was received into the Treasury for

City Water Rents of 1827,	-	-	\$28,470 72
And upon Water Rents received in 1827, and for permits, in advance, for 1828, for ferules, repaving, &c., received by the Register and paid into the Treasury, including the Districts, as per Accounts No. 3. E, No. B and K, No. 3. C and I, and No. 3. D, and H, amounting to	-	-	9,087 55
Making together,	-	-	<u>\$37,558 27</u>
From which there was taken, agreeably to Ordinance, and placed to the credit of the Sinking Fund, \$14,000 00			
And also agreeably to a recommendation of the Committee last year, and placed to the credit of the Tax Fund,	-	-	7,000 00
			<u>21,000 00</u>
Leaving, for the above mentioned objects,	-	-	16,558 27
To which may be added, the amount of sundry articles sold: Rent of old Engine House, paid by Superintendent into the Treasury, in 1827, as per Account, No. 2.			2,100 28
			<u>18,658 55</u>
And leaving a surplus of	-	-	<u>\$4,616 31</u>

By an Ordinance of the 14th September 1826, there was raised on loan, for the purpose of making a new Wheel, Pump, raising Main, and Reservoir, the sum of - - - - - \$26,000 00

There was expended, for Wheel and Pump, in 1826,	-	-	\$ 3,189 28
For Wheel and Pump, in 1827,	-	-	7,388 19
			<u>10,577 47</u>
For Reservoir, in 1826,	-	-	6,389 94
Do. Do. 1827,	-	-	14,847 25
			<u>21,237 19</u>
			<u>31,814 66</u>
Excess,	-	-	<u>\$ 5,814 66</u>

This Excess has been occasioned by various causes, not within the control of the Committee, viz. The building of the north mortar wall, in quarry hole, also a dry wall in banks, neither of which were originally contemplated, but became absolutely necessary, in consequence of the great excavation on the North side of the Reservoir, and also the advanced price of materials, and cost of excavating Rock out of the bottom of the Reservoir, and for extra dirt for forming the Banks:—there was also an additional expenditure, for cost of Iron Wheel Castings, included in the above Excess.

The new Iron Wheel was put in operation on the 10th of November last; it measures fifteen feet in length, and eighteen feet in diameter—works at a six feet half stroke, and makes eleven revolutions in a minute; and pumps into the Reservoir, at the rate of 4,689,000 gallons of Water in twenty-four hours.

The Wheel and Pump were completed, to the satisfaction of the Committee; and do credit to the Contractors, Messrs. Rush and Muhlenberg.

The estimated means for expenses of the present year, consists of the Water Rents for 1828, which amount, by the duplicates, per Account, No. 3, C, O, to - - - - - \$ 32,521 50

From which, deducting the allowances and cost of collection, - - - - - \$ 1,521 50
 And the sum appropriated by Ordinance to the Sinking Fund out of the Water Rents, - - - - - 14,000 00
15,521 50

There will remain the sum of - - - - - \$ 17,000 00

To which is to be added, the estimated amount of Water Rents, for Permits to be issued in 1828, which are receivable in advance to January 1829. - - - - - 1,000 00

And also the probable receipts from the sales of old materials, Rent of Engine House, &c. - - - - - 1,000 00

And there is to be added, also, viz.
 The Rents receivable this year from the districts of Spring-Garden, Southwark, and Northern Liberties, according to the returns herewith, No. 3. N, L, M, prepared by the Register, after deducting the six per cent. allowance by contract, - - - - - 9,749 45

And the estimated amount, in advance, to Jan. 1, 1829, in said districts, 1,000 00

Forming a total of - - - - - \$ 29,749 45

From which, deducting the amount of the estimate for expense for 1828, No. 5. - - - - - 18,000 00

There will be a surplus of - - - - - \$ 11,749 45

To which add the surplus of 1827, - - - - - 4,616 31

There will be a total surplus of - - - - - \$ 16,365 76

To be appropriated, if Councils think proper, in aid of the Tax Fund; and the Committee offer a resolution to that effect, viz. To place to the credit of the Tax Fund of 1828, at the present time, \$4616 31, the surplus of 1827, and on the 1st of June next, the further sum of 11,000 dollars of the surplus estimated for 1828.

The amounts taken from the Water Rents, and applied in aid of the Tax and Sinking Funds, including 1826, after defraying all expenses of salaries, raising the Water, &c. will amount, including the above sums, to \$ 69,178 29

Although the starting the new Pump and Wheel, required some additional materials, the cost of raising the water last year, amounts, including Wages, Fuel, Lights, Tallow, &c. to only \$4 05 per day.

The increase of the Water Rents of City and Districts, last year, as per Account, No. 3, P. is \$ 9,384 50

THOMAS HALE, *Chairman.*

PHILADELPHIA, January 8, 1828.

No. 1.

LIST OF CERTIFICATES FOR MONEYS

DRAWN BY THE

WATERING COMMITTEE,

FOR

FAIR MOUNT WATER-WORKS.

From December 31st, 1826, to December 31st, 1827.

No.	1827.										Lolls. C.	
1	Feb'y.	1	In favour of Frederick Graff,	-	-	-	-	-	-	-	1273	62
2	March	1	Ditto,	-	-	-	-	-	-	-	640	19
3	April	2	Ditto,	-	-	-	-	-	-	-	2769	83
4		14	Ditto,	-	-	-	-	-	-	-	1437	52
5	May	1	Ditto,	-	-	-	-	-	-	-	2693	23
6		6	Ditto,	-	-	-	-	-	-	-	2414	74
7	June	1	Ditto,	-	-	-	-	-	-	-	4246	20
8		8	Ditto,	-	-	-	-	-	-	-	9539	66
9		14	Ditto,	-	-	-	-	-	-	-	1576	31
10		26	Ditto,	-	-	-	-	-	-	-	5117	18
11	July	2	Ditto,	-	-	-	-	-	-	-	4727	09
12		20	Ditto,	-	-	-	-	-	-	-	5098	48
13	August	1	Ditto,	-	-	-	-	-	-	-	8736	02
14	Sept'r.	3	Ditto,	-	-	-	-	-	-	-	7578	26
15	Oct'r.	1	Ditto,	-	-	-	-	-	-	-	2177	35
16			Ditto,	-	-	-	-	-	-	-	4111	05
17	Nov'r.	1	Ditto,	-	-	-	-	-	-	-	3522	46
18		16	Ditto,	-	-	-	-	-	-	-	2945	56
19	Dec'r.	1	Ditto,	-	-	-	-	-	-	-	1583	72
20		10	Ditto,	-	-	-	-	-	-	-	536	50
21			Ditto,	-	-	-	-	-	-	-	2128	20
22		15	Ditto,	-	-	-	-	-	-	-	4933	05
23		24	Ditto,	-	-	-	-	-	-	-	963	70
										<hr/>	<hr/>	
										80749	92	

No. 1. A.

ABSTRACT OF PAYMENTS

MADE UNDER THE

Foregoing Certificates.

Distribution.

No.	1827.		Dolls.	C.
1	Feb'y.	1 David Fisher, for glazing, &c, done in 1825 and 1826,	-	12 27
		Horace Binney, for professional services in 1826,	-	100 00
		Daniel Rubicam, for sundries had in 1826,	-	27 62
		Wages of workmen for January,	-	314 63
2	March	1 Arabella Jones, for six months' ground rent, due February 1st,	-	13 33
		Isaiah Dixey, for seven hydrant pumps, and for pump boxes,	-	55 37
		Wages for February,	-	229 41
3	April	2 Michael Frick & Son, three dozen pump cocks,	-	52 00
		William Randolph, for 3371 feet of 5-4 heart boards,	-	92 69
		Merrick & Agnew, for copper pump and hose, and screws,	-	45 30
		Joseph Pierson, for hay and straw had in 1826 and 1827,	-	77 87
		Israel Roberts, for copper pump balls,	-	45 00
		William Piersol, for wrought iron,	-	50 22
		Wages for March,	-	285 36
5	May	1 Joseph S. Coates, for 2022 feet of 5-4 cedar boards,	-	50 55
		Wages for April,	-	288 80
6		6 Thomas Lewellen, for one load of hay,	-	12 77
		John Evans, for 3424 feet of cedar boards,	-	102 72
7	June	1 Isaiah Dixey, for twelve hydrant pumps,	-	66 00
		Wages for May,	-	326 48
8		8 Joseph S. Coates, for 1000 feet of cedar boards,	-	25 00
11	July	2 William Piersol, for wrought iron,	-	20 00
		Frederick Miley, for hauling wooden pipes,	-	98 87
		J. L. Stelwaggon, for 300 bushels Virginia coal, delivered,	-	96 00
		Wages for June,	-	440 15
12		20 Joseph S. Coates, for 2000 feet 5-4 cedar boards,	-	50 00
13	August	1 David Black, for a cart horse,	-	95 00
		Lane Schofield, for a new cart,	-	50 00
		Richard Seltzer, for one load of hay, and 25 bundles of straw,	-	9 33
		Wages for July,	-	339 08
14	Sept'r.	3 Arabella Jones, for 6 months' ground rent,	-	13 33
		John Warnock, for nails and spikes,	-	16 69
		Wages for August,	-	424 89
15	Oct'r.	1 Isaiah Dixey, for 14 hydrant pumps,	-	81 50
		Richard Seltzer, for one load of hay,	-	9 56
		Joseph Caskey, for whiskey for workmen,	-	40 00
16		Richard Seltzer, for hay and straw,	-	15 25
		Joseph S. Coates, for 975 feet cedar boards, and hauling,	-	25 82
		William Piersol, for wrought iron,	-	40 00
		George Peterman, for horse feed in 1826 and 1827,	-	57 41
		Sprogal A. Dear, for repairs to wagon,	-	14 45
		Wages of workmen for September,	-	352 26
17	Nov'r.	1 Frederick Erringer, taxes for shop estate, for 1827,	-	11 00
		Frederick Miley, for hauling wooden pipes,	-	98 00
		James Wood, for shovels and spades,	-	24 00
		Wages of workmen for October,	-	385 52
			Amount carried forward,	5081 50

No.	1827.		Dolls.	C.	Dolls.	C.
		Amount brought forward,	5081	50		
19	Dec'r.	1 Richard Seltzer, for 250 bundles of straw for fire plugs,	18	12		
		J. L. Stelwaggon, for 250 bushels Virginia coal, delivered,	80	00		
		William Piersol, for wrought iron,	35	04		
		Wages for November,	315	97		
20		10 George Peterman, for horse feed,	12	13		
		John Warnock, for nails and pump tacks,	7	34		
		V. Primrose, for cart harness and repairs,	12	21		
		William Craig, for nails,	19	50		
		William Riehle & Sons, for pump leather,	46	35		
21		F. Leaming, for nails and spikes,	20	25		
		Keyser & Longstreth, for sundry lumber,	149	05		
		Charles Fox & Co., for bricks,	12	80		
		Lehigh Navigation Company, for lumber,	45	34		
		Samuel P. Wetherill & Co., for paints, oil, &c.	37	21		
		William Kerr, for chandlery,	15	00		
		Frederick Miley, for hauling wooden pipes,	29	62		
		W. & C. Dilworth, for ironmongery,	20	68		
22		15 John Exley, for shoeing cart horse,	9	75		
		Samuel Richards, for 2 loads of hay,	29	00		
23		24 Wages for December,	344	46		
					6341	32

No. 1. B.
Iron Pipes.

1	Feb'y.	1 Samuel Richards, for lime had in 1826,	10	30		
		Wages for January,	147	80		
2	March	1 James Purden, for hauling 580 pigs of lead,	6	50		
		Wages for February,	134	39		
3	April	2 Joseph Edwards, for 262 1-2 lbs. of brass work,	87	49		
		Israel Roberts, for brass sheathing 121 cock spindles,	164	75		
		William Piersol, for sundry wrought iron,	109	00		
		Wages of workmen for March,	226	09		
5	May	1 John Mingle & Sons, for fitting up cocks and fire plugs,	552	00		
		Michael Frick & Son, for proving press brass cock,	14	17		
		Joseph Edwards, for 206 lbs. of brass work,	68	66		
		Wages for April,	480	18		
6		17 Wistar, Siter & Price, for 36,564 lbs of lead, at 6 1-4 cts.	2285	25		
7	June	1 Michael Frick & Son, for proving press cock,	14	28		
		Joseph Edwards, for 256 1-2 lbs of brass work,	85	50		
		Wages for May,	614	66		
8		8 Mark Richards, for iron pipes and castings,	9263	66		
10		26 James H. Deas, for sundry wood patterns,	48	00		
		Mark Richards, for iron pipes and castings,	5059	18		
11	July	2 Joseph Edwards, for 368 1-4 lbs of brass castings,	122	75		
		William Piersol, for wrought iron,	32	88		
		Frederick Miley, for hauling iron pipes, &c.	139	00		
		Wages for June,	868	92		
12		20 Samuel Richards, for 600 pipes of 3 and 6 inches,	4986	56		
13	August	1 Joseph Edwards, for 383 1-2 lbs. of brass work,	127	82		
		Samuel Haydock, for 2,020 feet of lead pipes,	564	90		
		Mark Richards, for iron pipes and castings,	4371	88		
		Wages of workmen for July,	911	20		
14	Sept'r.	3 James H. Deas, for wooden patterns,	27	00		
					31524	77
Amounts carried forward,					6341	32

No.	1827.		Dolls.	C.	Dolls.	C.
		Amounts brought forward,	31524	77	6341	32
14	Sept'r.	3 Mark Richards, for iron pipes and castings,	3650	24		
		Wages for August,	884	31		
15	Oct'r.	1 Henry Nixon, for 12,429 lbs of lead, at 6 cts.	745	74		
		Joseph Edwards, for 310 3-4 lbs. of brass work,	103	58		
		Joseph Caskey, for whiskey for the workmen,	72	89		
16		William Piersol, for wrought iron,	59	74		
		Wages for September,	709	96		
17	Nov'r.	1 Isaac G. Colesberry, for 43 3-4 yards of cloth,	43	75		
		Frederick Miley, for hauling iron pipes,	154	00		
		James Wood, for spades and shovels,	35	00		
		Wages of workmen for October,	813	36		
19	Dec'r.	1 Benjamin Duncan, for 5 1-2 cords of wood,	23	08		
		John Norval, for advertising,	9	00		
		Joseph Edwards, for brass work,	81	50		
		William Piersol, for wrought iron,	100	00		
		Wages of workmen for November,	394	30		
20		10 Samuel Hains, for levels and measuring,	17	00		
		Smith & Gouge, for advertising,	9	75		
		William Fry, ditto,	9	00		
		Zachariah Poulson, ditto,	9	75		
21		Keyser & Longstreth, for lumber,	98	83		
		Samuel P. Wetherill & Co. for paints, oil, &c.	20	00		
		William Kerr, for spun yarns, &c.	144	47		
		Rowley & Alberger, for plumbers' work,	563	45		
		E. & T. Dallett, for tallow,	27	10		
		John P. Wetherill & Co. for 858 feet lead pipes,	258	60		
		Frederick Miley, for hauling pipes,	36	00		
		W. & C. Dilworth, for ironmongery,	40	00		
22		15 John Binns, for advertising,	9	75		
		Mark Richards, balance for iron pipes and castings	3330	61		
23		24 Wages for December,	217	71		
					44197	24

No. 1. C.

Fair Mount Works.

1	Feb'y.	1 Thomas Carter & Co. for hack hire in 1826 and 1827.	41	00		
		Horace Binney, for professional services in 1826,	95	00		
		Wages for January, of gate-keeper of locks,	12	00		
2	March	1 Wages for February,	12	00		
		F. Erdman, on account, for making lock gates,	100	00		
3	April	2 Wages for March,	12	00		
4		14 Joseph Gladen, for 80 lbs. of wrought spikes,	8	80		
5	May	1 J. Mingle & Sons, for 799 1-2 lbs. iron work for lock gates,	103	93		
		Thomas Carter & Co. for hack hire,	22	50		
		F. Erdman, on account, for making lock gates,	100	00		
		Wages for April,	12	00		
7	June	1 Thomas Carter & Co. for hack hire,	47	50		
		Daniel Rubicam, for sundries,	155	44		
		Frederick Erdman, balance for making lock gates, &c.,	128	93		
		Wages for May,	21	97		
11	July	2 Thomas Hale, for payment to Mr. Ingersoll for professional services,	50	00		
					92307	5053856
Amounts carried forward,						

No.	1827.		Amounts brought forward,	Dolls.	C.	Dolls.	C.
			Amounts brought forward,	923	07	50538	56
11	July	2	Wages for June, - - - - -	31	80		
13	August	1	Ditto, for July, - - - - -	12	00		
14	Sept'r.	3	Ditto, for August, - - - - -	12	00		
15	Oct'r.	1	Jacob Gardner, for county and corporation tax for 1827,	252	00		
			Francis Mitchell, for estate tax, for ditto,	78	75		
			Joseph Caskey, for whiskey for workmen, - - - - -	25	83		
16		1	Wages of workmen for September, &c., - - - - -	32	98		
17	Nov'r.	1	Thomas Carter & Co., for hack hire, - - - - -	100	00		
			Daniel Rubicam, for sundries, - - - - -	34	37		
			Wages for October, - - - - -	12	00		
19	Dec'r.	1	Frederick Erdman, for straightening water line of dam,	44	62		
			Wages and sundries for November, - - - - -	25	58		
20		10	Daniel Rubicam, for sundries, - - - - -	206	25		
			Amos Jeanes, for lock-gate and dam lumber, - - - - -	78	19		
			Israel Roberts, for copper work to lock-gates, &c., - - - - -	18	00		
21			William Kerr, for chandlery, - - - - -	36	15		
			David Fisher, for painting lock-gates, &c., - - - - -	26	82		
22		15	Thomas Carter, for hack hire, - - - - -	58	00		
			Horace Binney, for professional services, - - - - -	265	00		
			Joseph R. Ingersoll, for ditto, - - - - -	100	00		
			Robert W. Sykes, for ditto, - - - - -	150	00		
			C. Chauncey, for ditto, - - - - -	150	00		
23		24	Wages for December, - - - - -	12	00		
						2685	41
No. 1. D.							
Water Power.							
1	Feb'y.	1	Wages of workmen for January, - - - - -	93	00		
2	March	1	Ditto, for February, - - - - -	84	00		
3	April	2	Ditto, for March, - - - - -	93	00		
5	May	1	Ditto, for April, - - - - -	90	00		
7	June	1	Ditto, for May, - - - - -	93	00		
8		8	John Barnes, for 32 gallons lamp oil, - - - - -	22	40		
			Warder Morris, for 32 gallons sweet oil, - - - - -	36	00		
11	July	2	Wages of workmen for June, - - - - -	90	00		
13	August	1	Ditto, for July, - - - - -	93	00		
14	Sept'r.	3	Ditto, for August, - - - - -	93	00		
			Gideon Scull, for 22 tons Schuylkill coal, delivered,	144	00		
16	Oct'r.	1	Wages of workmen for September, - - - - -	90	00		
17	Nov'r.	1	Ditto, for October, - - - - -	93	00		
19	Dec'r.	1	Ditto, for November, - - - - -	90	00		
21		10	Samuel P. Wetherill & Co. for paints, oil, &c. - - - - -	10	00		
			William Kerr, for chandlery, - - - - -	97	43		
			E. & T. Dallett, for tallow, - - - - -	73	75		
23		24	Wages of workmen for December, - - - - -	93	00		
						1478	58
Amount carried forward,						54702	55

No.	1827.			Dolls.	C.	Dolls.	C.
			Amount brought forward,			54702	55
No. 1. E.							
Salaries.							
1	Feb'y.	1	Samuel W. Rush, for extra services in 1826,	100	00		
			James Young, ditto, - - - -	20	00		
3	April	2	Samuel W. Rush, for one quarter's salary,	187	50		
			Frederick Graff, ditto, - - - -	500	00		
11	July	2	James Young, 6 months' ditto, - - - -	25	00		
			Samuel W. Rush, ditto, one quarter, - - - -	187	50		
			Frederick Graff, ditto, - - - -	500	00		
16	Oct'r.	1	Samuel W. Rush, ditto, - - - -	250	00		
			Frederick Graff, ditto, - - - -	500	00		
22	Dec'r.	15	Ditto, ditto, - - - -	500	00		
			Samuel W. Rush, ditto, - - - -	250	00		
			James Young, for 6 months' salary, - - - -	25	00		
						3045	00
No. 1. F.							
Incidentals.							
2	March	1	John Harned, for tin paper box, - - - -	5	19		
3	April	2	S. Correy, for 3 months' services in Register's Office,	18	75		
11	July	1	Ditto, ditto, - - - -	18	75		
16	Oct'r.	1	Ditto, ditto, - - - -	18	75		
20	Dec'r.	10	William Hyde, for stationary for Superintendent, -	11	75		
			Lydia R. Bailey, for sundry printing, - - - -	34	00		
22		15	Robert Desilver, for stationary for Register's Office, -	37	19		
			Samuel Correy, for 3 months' services in Register's Office,	18	75		
						163	13
No. 1. G.							
Repaving.							
5	May	1	Murphy & Caldwell, for 279 yds. repaving over private pipes,	71	28		
12	July	20	Ditto, 258 do. - - - -	61	92		
14	Sept'r.	3	Ditto, 215 do. - - - -	51	60		
17	Nov'r.	1	Ditto, 457 do. - - - -	109	68		
20	Dec'r.	10	Ditto, 143 do. - - - -	34	32		
						328	80
No. 1. H.							
Wheel, Pump, &c.							
4	April	14	Samuel Richards, for castings, - - - -	1397	48		
7	June	1	Hugh Scott, on account for mill sheeting and foundations,	100	00		
			Samuel Richards, for iron pipes of 16 inches, -	978	83		
						2476	31
Amounts carried forward,						58239	48

No.	1827.	Amounts brought forward,	Dolls. C.	Dolls. C.
		Amounts brought forward,	2476 31	58239 48
8	June 8	Hugh Scott, balance for mill sheeting, &c.	124 00	
9	14	Rush & Muhlenberg, on account for making wheel and pump,	1576 31	
10	26	John Eggleton, for hauling iron shaft,	10 00	
16	Oct'r. 1	Wages of men laying iron main, &c.	240 57	
18	Nov'r. 16	Rush & Muhlenberg, balance for making wheel and pump,	2722 56	
		Ditto, for extra work not included in contract,	95 50	
		William Dougherty, for 22 perches of stone, &c.	24 50	
19	Dec'r. 1	Isaac Elliot, for drawing an agreement,	3 00	
		John Collins, for plastering and materials,	38 75	
21	10	Keyser & Longstreth, for lumber,	19 19	
		Charles Fox & Co. for bricks,	57 50	
				7388 19
No. 1. I.				
North-east Reservoir. <i>h^o. 3</i>				
1	Feb'y. 1	Thomas Maguire, on account for digging and hauling clay,	300 00	
3	April 2	Ditto, balance for 839 yds. of clay hauled in 1826 and 1827,	306 37	
		Henry Fisher, for 2 wheelbarrows,	8 50	
		Wages of workmen for March,	407 94	
4	4	Samuel Richards, for valve castings,	31 24	
5	May 1	Thomas Maguire, for digging and hauling 219 yds. of clay,	246 37	
		Wages for April,	592 79	
6	JUN 17	Eli Garrison, for 3 large spars for shores,	14 00	
7	June 1	Ditto, 2 do.	9 00	
		Thomas Maguire, on account for stone for north wall,	275 00	
		Wages for May,	1054 61	
8	8	John Eggleton, for hauling 7 spars,	13 00	
		Eli Garrison, for 2 spars,	10 00	
		Thomas Maguire, for hauling canal sand, &c.	45 60	
11	July 2	Frederick Miley, for hauling plank, poles, &c.	10 00	
		Thomas Maguire, on account for stone for north wall,	375 00	
		Ditto, for hauling 216 loads of canal sand,	97 20	
		Wages for June,	1523 27	
13	August 1	Thomas Maguire, for hauling canal sand, &c.	65 50	
		Ditto, balance for 1271 perches of stone for north wall,	303 25	
		Maguire & Dougherty, balance for 1629 perches of stone delivered in 1826 and 1827,	485 62	
		Wages for July,	1307 44	
14	Sept'r. 3	Thomas Maguire, on account for digging and hauling clay,	1000 00	
		Jacob Fitzwater, do. for lime,	150 00	
		John Warnock, for spikes and nails,	12 00	
		Thomas Maguire, for sundry hauling in August,	69 28	
		Wages for August,	1029 92	
15	Oct'r. 1	James Burns, for 90 bushels of lime,	22 50	
		Samuel & Charles Fox & Co., on account for bricks,	600 00	
		Joseph Hagey, for 60 bushels of lime,	15 00	
		Joseph Caskey, for whiskey,	130 00	
16	1	Samuel & Charles Fox & Co. balance for 159,950 bricks,	694 00	
		Sprogal A. Dear, for 6 wheelbarrows,	27 00	
		Thomas Maguire, for hauling 438 loads of canal sand,	200 22	
		Wages for September,	782 64	
17	Nov'r. 1	State Penitentiary, for scaffold poles and ropes,	24 56	
Amounts carried forward,			12238 82	65627 67

No.	1827.		Dolls.	C.	Dolls.	C.
		Amounts brought forward,	12238	82	65627	67
17	Nov'r.	1 Thomas Maguire, balance for digging and hauling 1184 yards of clay, - - - - -		332	00	
		Frederick Miley, for hauling canal sand and plank, -		15	50	
		James Wood, for shovels and spades, - - - - -		25	00	
		Jacob Fitzwater, on account for lime, - - - - -		250	00	
		Ditto, balance for 3235 bushels of lime, - - - - -		311	70	
		Frederick Erdman, on account for planking north bank,		75	00	
		Wages for October, - - - - -		575	02	
18		16 Henry J. Williams, for 824 loads of canal sand, -		103	00	
19	Dec'r.	1 Frederick Erdman, balance for planking north bank,		97	78	
		Wages for November, - - - - -		226	98	
20		10 James Greenham, for liquor for workmen, &c. -		10	96	
21		F. Leaming, for nails and spikes, - - - - -		35	00	
		Keyser & Longstreth, for lumber, - - - - -		90	87	
		Lehigh Navigation Company, for lumber and poles,		163	09	
23		24 Alexander Scott, for hauling 1456 yards of dirt, -		237	44	
		Wages for December, - - - - -		59	09	
			<hr/>		14847 25	
No. 1. K.						
Damages.						
7	June	1 Thomas Hale, for payment of damages to J. Livezey's estate, - - - - -		275	00	
			<hr/>		275 00	
			<hr/>		80749 92	

No. 1. L.
ABSTRACT OF PAYMENTS

MADE BY THE
WATERING COMMITTEE,
From December 31st, 1826, to December 31st, 1827.

	<i>Dolls.</i>	<i>C.</i>
Distribution, - - - - -	6341	32 -
Iron Pipes, - - - - -	44197	24 -
Fair Mount Works, - - - - -	2685	41
Water Power, - - - - -	1478	58 -
Salaries, - - - - -	3045	00 -
Incidentals, - - - - -	163	13 -
Repaving, - - - - -	328	80 -
Wheel and Pump, &c. - - - - -	7388	19
North-east Reservoir, <i>a. 3 -</i> - - - - -	14847	25
Damages, - - - - -	275	00
	80749	92

No. 2.
SUMS PAID INTO THE TREASURY
BY THE SUPERINTENDENT,

From December 31st, 1826, to December 31st, 1827.

1827.		<i>Dolls.</i>	<i>C.</i>
Feb'y. 6	To John Bacon, Treasurer, for laying pipes in Southwark in 1826, and for old pipes, &c. - - - - -	159	43
March 7	To ditto, one quarter's rent of engine house, and for old pipes, &c. - - - - -	91	74
April 18	To ditto, 100 dollars overdrawn in Samuel Richards's account, and for old castings and wooden pipes, - - - - -	314	61
May 7	To ditto, for old scrap iron, old pipes, &c. - - - - -	313	88
June 25	To ditto, for old pipes, &c. - - - - -	71	36
Oct'r. 26	To ditto, three quarters' rent of engine house, and for old pipes, &c. - - - - -	233	82
Dec'r. 26	To ditto, for old pipes, &c. - - - - -	915	44
		2100	28

No. 3.

STATEMENT OF IRON PIPES,

Laid from December 31st, 1826, to December 31st, 1827.

	Laid in 1827. Feet.	Feet.	Laid in former years. Feet.
Amount of iron pipes laid in 1819, 1820, 1821, 1822, 1823, 1824, 1825, and 1826, - - - - -			108463
Pipes laid in 1827, as follows:—			
Part of Whalebone alley, southward from Chesnut street, 2 inch pipes,	198		
Harris's court, running from Lætitia court, - - - do.	100		
Broad street, running south from Chesnut street, - - - do.	140		
		Of 2 inch,	
Crown street, from Sassafras to Vine street, - - - 3 inch,	633		438
Branch street, from Third to Fourth, - - - do.	421		
Apple tree alley, from Fourth to Fifth street, - - - do.	396		
Little Water street, and Lombard street alley, to Penn street, 470 ft.			
Connexions of Little Water street, with Southwark, 64			
Penn, from Cedar to Pine street, - - - - - 690			
Pine, from Penn towards Front street, - - - - - 120			
Water street, from Pine to Spruce, and part of Spruce street, 582			
Add connexions of fire plugs and intersections, - 100			
	2026		
Hurst street, from Cedar to Lombard street, - - - do.	369		
James street, from Seventh eastward, - - - do.	300		
Powell street, from Fifth to Sixth street, - - - do.	446		
Clever alley, from Fifth to Sixth street, - - - do.	446		
East fire plug in Washington square, - - - do.	171		
Bank alley and Elbow lane, - - - do.	580		
Strawberry street, from Chesnut to High street, - - - do.	481		
Lætitia court and Black horse alley, - - - do.	622		
Taylor's alley, from Second street eastward, - - - do.	296		
Norris's alley, from Second street to Front street, - - - do.	396		
Gray's alley, do. - - - do.	396		
Budd street, Adams street, and Truxtun street, together - - - do.	273		
Ohio street, south of Pine, running from Twelfth street, - - - do.	151		
Cresson's alley, - - - do.	422		
Hoffman's alley, from Cherry street northward, - - - do.	120		
Nicholson's alley and part of Malt alley, - - - do.	336		
Sassafras alley, - - - do.	300		
Bryon's alley, - - - do.	416		
North alley, - - - do.	396		
South alley, - - - do.	396		
Minor street, - - - do.	396		
Greenleaf's court, from Fourth street westward, - - - do.	200		
Juniper street, from High to Chesnut and part of Davidson's court, do.	583		
Church alley and part of Hartung's alley, - - - do.	692		
Carter's alley, - - - - - 396 ft.			
Smith's alley, - - - - - 186			
Goforth alley, - - - - - 244			
Dock, from Second to Third street, - - - 680			
	1506		
Harmony court and part of Whalebone alley, - - - do.	526		
Water street, from Vine street to the Drawbridge, and Girard's alley,	4219		
Amounts carried forward,	18911	438	108463

	Laid in 1827.	Laid in former years.
	<i>Feet.</i>	<i>Feet.</i>
Amounts brought forward,	18911	438 108463
State House Yard, for fire-plugs, - - - - 3 inch,	317	
Good Water alley, - - - - do.	275	
West fire-plug in Washington Square, - - - - do.	150	
Sugar alley, from Sixth to Seventh street, - - - - do.	421	
Morgan street, from Ninth to Tenth street, - - - - do.	396	
Sergeant street, from ditto, - - - - do.	396	
Ailey south of Locust, between Twelfth street and Dean street, do.	80	
Sundry attachments for fire-plugs and intersections, - - - - do.	800	
Of 3 inch,		21746
Prune street, from Fourth to Sixth street, - - - - 4 inch,	867	
Cherry street, from Fifth to Sixth street, - - - - do.	446	
Franklin place, from Chesnut street westward, - - - - do.	343	
State House Yard, for fire-plugs, - - - - do.	513	
Locust, from Sixth to Seventh, and around to Walnut street, do.	1107	
Sundry connexions to fire-plugs, &c. - - - - do.	800	
Of 4 inch,		4076
Third, from Vine to Mulberry street, - - - - 6 inch,	1300	
Third, from High to Chesnut street, - - - - do.	481	
Pine, from Fifth to west side of Sixth street, - - - - do.	453	
Cedar, from Front street eastward, - - - - do.	305	
Lombard, from Fifth to west side of Sixth street, - - - - do.	460	
Sixth street, from Cedar to Walnut, - - - - do.	2050	
Third street connexion with Southwark, - - - - do.	50	
Pine street, from Eighth to Perry street, - - - - do.	2007	
Twelfth street, from Spruce to Cedar, - - - - do.	1166	
Sixth street, from Mulberry to Vine, - - - - do.	1300	
Sassafras street, from Fifth to Sixth street, - - - - do.	446	
Ditto, from Sixth to Seventh street, - - - - do.	446	
Seventh, from Mulberry to Sassafras street, - - - - do.	641	
Pine street, from Perry to Broad street, - - - - do.	776	
George street connexion with South street, - - - - do.	50	
Locust, from Little Seventh to Eighth street, - - - - do.	275	
Seventh, from Locust to Spruce, - - - - do.	254	
Seventh, from High to Mulberry, - - - - do.	663	
Of 6 inch,		13123
Vine and Front street connexion with Northern Liberties, 8 inch,		30
Spruce, from Fifth to West side of Sixth street, and Eighth, from High to Mulberry, - - - - 10 inch,		1113
Cedar street, from to west of Sixth street, - - - - 12 inch,		518
		41044
Laid since the commencement, including 1827, - - - -		149507
Being upwards of 28½ miles,		

D

No. 4.
Wood Pipes,
Used in Repairs, and Laid,

From December 31st, 1826, to December 31st, 1827.

	<i>Feet.</i>
Tenth street, from Lombard to Cedar street, - - - - -	350
Part of Quince street, running northward from Locust, - - - - -	230
George street, from Juniper street eastward, - - - - -	296
Schuylkill Eighth street, from High street to Filbert and part of Filbert street, - - - - -	554
And in repairs through the city, - - - - -	767
	2197

No. 5.

ESTIMATE FOR THE YEAR 1828.

	<i>Dolls.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>
For working machinery at Fair Mount, and for materials, - - - - -			1500	00
For castings, hydrant pumps, lumber, and for repaving over private water pipes, and for repairs of the distribution through the city, - - - - -			5500	00
For salaries and incidentals, - - - - -			3500	00
For new pump opening, &c., to pump No. 2, and for new valves and repairs, to pumps No. 1, 2, and 3, and for cast iron shaft, and for 4 extra pump openings with valves and seats, - - - - -	3000	00		
For painting mill buildings, for new stairway to reservoir, for whitewashing, scaffolding, and for sundry other repairs, - - - - -	1500	00		
			4500	00
For completing the banks of reservoir No. 3, for paving, sodding, and fencing ditto, and for raising the banks of reservoir No. 1, - - - - -			3000	00
Together, - - - - -			18000	00

FREDERICK GRAFF,

Superintendent of the Water Works.

No. 3. A.
STATEMENT,

Showing the Settlement of the Duplicates of Water Rents, for the year 1827.

	Dolls.	C.	Dolls.	C.
Amount of duplicates of water rents, 1st January 1827, - - - - -	30326	75		
Add discoveries in 1827, - - - - -		51		30378
				25
<hr/>				
From which deduct,				
Collectors' commissions, - - - - -	880	53		
Amount of allowances, - - - - -	355	50		
				1236
				03
				<hr/>
				29142
				22
<hr/>				
Amounts paid into the Treasury.—				
Of which was received in 1826, - - - - -		173	50	
Received by Collector in 1827, - - - - -	28470	72		
Do. Register, in 1827, - - - - -		498	00	
				<hr/>
				29142
				22

No. 3. B.

STATEMENT,

Showing the Settlement of the Duplicates of Water Rent, charged to the Board of Commissioners of the District of the Northern Liberties, for the year 1827.

	Dolls.	C.
Amount of duplicates, - - - - -	1540	75
Deduct six per cent. commissions, - - - - -		92
		<hr/>
		1448
		31
<hr/>		
By amount received by Register and paid into the Treasury, in 1827, -	1373	31
By amount received by Register in 1826, - - - - -		75
		<hr/>
		1448
		31

No. 3. C.

STATEMENT,

Showing the Settlement of the Duplicates of Water Rent, charged to the Board of Commissioners of the District of Spring Garden, for the year 1827.

	Dolls.	C.
Amount of duplicates, - - - - -	916	50
Deduct six per cent. commission, - - - - -	54	99
	861	51
By amount received by Register and paid into the Treasury, - - - - -	861	51

No. 3. D.

STATEMENT,

Showing the Settlement of the Duplicates of Water Rent, charged to the Board of Commissioners of the District of Southwark, for the year 1827.

	Dolls.	C.
Amount of duplicates, - - - - -	724	75
Deduct six per cent. commissions, - - - - -	43	48
	681	27
By amount received by Register and paid into the Treasury, in 1827, - - - - -	666	27
By amount received by Register in 1826, - - - - -	15	00
	681	27

No. 3. E.

Amount of Duplicates of Water Rents, for the year 1828.

	Dolls.	C.	Dolls.	C.
New-Market, Pine, and Cedar Wards, - - - - -	5236	50		
Walnut and South, - - - - -	3772	00		
Lower Delaware and South Mulberry, - - - - -	4433	00		
Upper Delaware and North Mulberry, - - - - -	4875	00		
Middle and Chestnut, - - - - -	3961	50		
High and North, - - - - -	5166	50		
Locust and Dock, - - - - -	4686	50		
			32131	00
Received on account of the above duplicates—				
By Register, in 1827, - - - - -	129	50		
By do. November 1827, - - - - -	81	00		
			210	50
Permits taken out in December, - - - - -			180	00
			32521	50

No. 3. E.

Amount of Cash received by the Register for Water Rents, and for repaving over water pipes, &c., from the 31st of December 1826, to the 1st of December 1827.

	Dolls.	C.	Dolls.	C.
For repaving, - - - - -			510	80
For ferrules, &c. - - - - -	346	75		
Water rents, fractional part of 1827, - - - - -	1309	51		
479 Permits, at 25 cents, - - - - -	119	75		
			1776	01
For duplicates, 1827, - - - - -			498	00
For duplicates, 1828, - - - - -			210	50
			2995	31

No. 3. F.

Amount of Cash received by the Register, from the City and Districts, during the year 1827.

Accounts,		Dolls.	C.	Dolls.	C.
No. 3. E,	City,	2995	31		
No. 3. B & K,	Northern Liberties,	3250	17		
No. 3. C & I,	Spring Garden,	1475	83		
No. 3. D & H,	Southwark,	1366	24		
				9087	55

No. 3. G.

Amount of the Duplicates of Water Rents, for the year 1828, of the City and Districts.

Accounts,		Dolls.	C.	Dolls.	C.
No. 3. O,	City,			32521	50
No. 3. N,	Northern Liberties,	5751	50		
No. 3. L,	Spring Garden,	2071	00		
No. 3. M,	Southwark,	2555	75		
				10378	25
				42899	75

No. 3. H.

AMOUNT OF WATER RENTS,

Received by the Register from the Incorporated District of Southwark, on countersigning Permits, from the 31st December 1826, to the 1st of December 1827.

Water rents, for 1827,	\$699	97
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No. 3. I.

AMOUNT OF WATER RENTS,

Received by the Register, from the Incorporated District of Spring Garden, on countersigning Permits, from the 31st of December 1826, to the 1st of December 1827.

Water rents, for 1827, - - - - - \$614 32

No. 3. K.

AMOUNT OF WATER RENTS,

Received by the Register, from the Incorporated District of the Northern Liberties, on countersigning Permits, from the 31st of December 1826, to the 1st of December 1827.

Water rents, for 1827, - - - - - \$1876 86

No. 3. L.

An Account, showing the amount of Water Rents due the City, by the Incorporated District of Spring Garden, for the year 1828, with an account of the number of dwellings, &c., supplied with the Schuylkill water, to the 31st of December 1827.

	Dolls.	C.	Dolls.	C.
7 Tenements, in courts,	at	4 00	28	00
11 Baths,		4 50	49	50
217 Dwellings, and bakery,		7 50	1627	50
27 Dwellings,		6 00	162	00
30 Tenements, in courts,		3 75	112	50
2 Dwellings, and tavern,		11 25	22	50
1 Soap factory,		15 00	15	00
1 Factory,		30 00	30	00
1 Horse,		1 50	1	50
1 Tavern, &c.		22 50	22	50
			2071	00

No. 3. M.

An Account, showing the amount of Water Rents due the City, by the Incorporated District of Southwark, for the year 1828, with an account of the number of dwellings, &c., supplied with Schuylkill water, to the 31st of December 1827.

	Dolls.	C.	Dolls.	C.
7 Bake houses,	at	3 75	26	25
22 Taverns,		3 75	82	50
2 Baths,		4 50	9	00
1 Tavern, &c.			12	50
281 Dwellings,		7 50	2107	50
9 Dwellings,		6	54	00
1 Hattery,			10	00
2 Bakery,		15 00	30	00
1 Sugar house,			22	50
1 Brewery,			60	00
1 Bakery,			12	00
1 Hattery,			30	00
1 Brewery,			45	00
1 Court,			37	50
1 Hall, &c.			5	00
2 Horses,		1 50	3	00
3 Bakeries, &c.		3 00	9	00
			2555	75

No. 3. L.

An Account, showing the amount of Water Rents due the City, by the Incorporated District of Spring Garden, for the year 1828, with an account of the number of dwellings, &c., supplied with the Schuylkill water, to the 31st of December 1827.

	Dolls.	C.	Dolls.	C.
7 Taverns, in count,				
11 Baths,				
217 Dwellings, and bakery,				
27 Dwellings,				
30 Taverns, in count,				
2 Dwellings, and tavern,				
1 Soap factory,				
1 Bakery,				
1 Horse,				
1 Tavern, &c.				

No. 3. N.

An Account, showing the amount of Water Rents, due the City, by the Incorporated District of the Northern Liberties, for the year 1828 ; also, the number of dwellings, &c., supplied therein with the Schuylkill water, to the 31st of December 1827.

	Dolls.	C.	Dolls.	C.
1 Horse,	at	1 50		1 50
11 Taverns, bakers, and grocery,		3 75		41 25
6 Tenements in courts,		3 75		22 50
10 Baths,		4 50		45 00
6 Bakeries,		3 75		22 50
518 Dwellings,		7 50		3885 50
48 Dwellings,		6 00		288 00
1 Hatter shop,				19 50
8 Currier's shops, and hatters,		12 00		96 00
1 Tavern, with stables, &c.				15 00
2 Currier's shops,		15 00		30 00
10 Morocco factories, &c.		15 00		150 00
1 Court,		18 00		18 00
2 Taverns, with stables, &c.		21 00		42 00
5 Taverns, with stables, &c.		22 50		112 50
1 Sugar house,				22 50
7 Soap factories, at 30 dollars, and horse, 5 dollars,		30 00		215 00
3 Morocco factories,		25 00		75 00
1 Soap factory,				27 50
5 Taverns, with stables, &c.		33 75		168 75
1 Brewery, at 33 dollars, and 1 tannery, at 52 dollars 50 cents,				85 50
1 Tavern, with stables, &c.				18 75
1 Brewery, at 75 dollars, and 21 dwellings, at 11 dollars 25 cents,				311 25
2 Factories,		10 00		20 00
2 Dwellings, &c.		9 00		18 00
				5751 50

No. 3. O.

Dwellings, Manufactories and Institutions, supplied
with the Schuylkill water, to December 1827.

	<i>Dolls.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>
156 Horses, &c.	<i>at</i>	1 00	156	00
201 Houses in courts,		2 50	502	50
656 Baths in the City,		3 00	1968	00
181 Baths in the County,		4 50	814	50
4588 Dwellings, Schools, Churches, &c.		5 00	22940	00
153 Dwellings in the County,		7 50	1147	50
34 Hatters, &c.		8 00	272	00
1 Vinegar-Yard, 9 dollars, and courts, 40 dollars 50 cents,		49 50	49	50
94 Dyers, &c.		10 00	940	00
20 Soap boilers, &c.,		12 00	240	00
40 Disillers, &c.		15 00	600	00
5 Hatters, &c.		16 00	80	00
1 Court,		18 00	18	00
23 Taverns, &c.		20 00	460	00
15 Sugar-houses, &c.		25 00	375	00
7 Stables, &c.		30 00	210	00
1 Brewery,		85 00	85	00
5 Baths, &c.		40 00	200	00
1 Brewery,		44 00	44	00
5 Hospitals, &c.		50 00	250	00
2 Manufactories,		75 00	150	00
1 Bath,		80 00	80	00
1 Manufactory,		112 50	112	50
1 Sugar-house, &c.		350 00	350	00
1 Alms-house,		100 00	100	00
7 Morocco factories, &c.		35 00	245	00
1 Mansion house,		37 00	37	00
1 Court,		24 00	24	00
1 Tavern, &c.		28 00	28	00
1 Stokes' court, 33 dollars, and Packet Ship, 10 dollars,			43	00
			<u>32521</u>	<u>50</u>

No. 3. P.

Statement, showing the increase of Water Rents, in the City and Districts, for the year 1828.

	Dolls.	C.	Dolls.	C.
City—				
Duplicates of 1828, - - - - -	32521	50		
Ditto, 1827, - - - - -	30326	75		
Increase of the City, for the year 1828,			2194	75
Southwark—				
Duplicates of 1828, - - - - -	2555	25		
Ditto, 1827, - - - - -	724	75		
Increase in Southwark, for the year 1828,			1830	50
Spring Garden—				
Duplicates of 1828, - - - - -	2065	00		
Ditto, 1827, - - - - -	916	50		
Increase in Spring Garden, for 1828,			1148	50
Northern Liberties—				
Duplicates of 1828, - - - - -	5751	50		
Ditto, 1827, - - - - -	1540	75		
Increase in Northern Liberties, for 1828,			4210	75
Increase in the City and Districts, for 1828, is - - - - -			9384	50

SAMUEL W. RUSH, Register.

January 1st, 1828.

