

**REPORT**

OF THE

**WATERING COMMITTEE,**

TO THE

**SELECT AND COMMON COUNCILS.**

**READ FEBRUARY 10, 1831.**

**PUBLISHED BY ORDER OF THE COUNCILS.**

**PHILADELPHIA:**

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**1831.**

REPORT

OF THE

COMMISSIONERS

WATERING COMMITTEE

TO THE

SENATE AND HOUSE OF REPRESENTATIVES

OF THE STATE OF NEW YORK

PRINTED BY ORDER OF THE SENATE

ALBANY

1881

# ANNUAL REPORT

## OF THE

# WATERING COMMITTEE.

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

THE Watering Committee respectfully present to Councils the annexed accounts and statements, in relation to the *income* and *expenditure* of the important public works under their direction, for the year 1830 ; and they also submit an estimate for the present year, and such remarks as seem to be requisite, in considering the duty which they have to perform.

From the statements now presented, it appears, that, after deducting allowances and commissions, the *receipts* for 1830 were as follows:—

From the City,	-	-	-	-	-	-	-	\$ 40,466 90
From the District of the Northern Liberties,	-	-	-	-	-	-	-	10,443 39
Spring Garden,	-	-	-	-	-	-	-	3,856 40
Southwark,	-	-	-	-	-	-	-	5,270 13
Total,								\$ 60,036 82
And that the <i>expenses</i> for that year amounted to	-	-	-	-	-	-	-	\$ 35,660 84
Leaving in favour of the works a balance of	-	-	-	-	-	-	-	\$ 24,375 98

Of this balance the sum of \$ 14,000 was applied, according to ordinance, to the credit of the Sinking Fund ; and there then remained the sum of \$ 10,375 98, to be applied to the credit of the Tax Fund, in whole or in part, or to any other public purpose.

As it was not, and indeed could not have been, within the year, ascertained, what would be the actual expenditure of the year 1830 ; it would have been prudent, if, after paying the \$14,000 for the Sinking Fund, the residue of the balance in favour of the works, namely, the sum of \$ 10,375 98, had been retained until after the expenses of 1830 had been ascertained and paid, and the balance, if any, then placed to the credit of the Tax Fund, or other purpose.

It seems, however, no doubt with the best intentions, and under an impression that so much could be spared, that the sum of \$ 15,900 was applied from the water revenue to the Tax Fund : and thus it is, that, although the disposable surplus, in 1830, was but \$ 24,375 98, the sum of \$ 29,900 has been drawn from the water revenue, that is, \$ 14,000 for the Sinking Fund, and \$ 15,900 for the Tax Fund.

These circumstances are thus particularly noticed, not because any evil has resulted from these appropriations, but because the Committee respectfully recommend, that, hereafter, no part of the surplus water revenue of any year shall be applied to the credit of the Tax Fund, until after the actual expenses of the water establishment for the current year shall have been ascertained and paid.

In ordinary cases, it is true, that an early application of a part of the water revenue to the Tax Fund may be prudently made; but as it is not in the power of any officer, however skilful, to foresee in what years the expenditure will be ordinary or extraordinary, it is most safe, and conducive to simplicity of accounts, to reserve the water revenue, beyond the \$14,000 for the Sinking Fund, until demands on the water department shall have been liquidated.

For instance,—the estimate of the Superintendent was, that the sum of \$27,900 would be required and adequate for the work designated for 1830; and it appears, greatly to the credit of that officer, that the actual expenditure for the objects embraced in his estimate, amounted to but \$24,277 90, being \$3,623 10 less than anticipated.

But, in consequence of the execution of work not embraced in his estimate, and directed within the year, after the estimate was made, whilst the demand of the estimate for 1830 was only \$27,900, the actual expenditure upon objects of all kinds within that year amounted to \$35,660 84. Let us briefly notice the work referred to.

In May last, the Councils directed, that Iron Pipes should be laid in the section of the City, extending from Vine Street to and including Spruce Street, and from Eighth Street to and including Eleventh Street; and, for the execution of this work, authorized the Watering Committee to borrow, in 1831, the sum of \$45,000. Owing to the lateness of the season, when the contracts for the pipes were made, as the Committee are informed, but 21,517 feet could be laid, leaving 11,500 feet to be put down next spring. Besides the 21,517 feet laid in the section above-mentioned, 5,158 feet of pipe, embraced in the estimate of 1830, were laid in streets in which new paving was ordered, or where water was applied for, making the whole extent of Iron Pipe, laid in 1830, 26,675 feet, or above five miles: besides which, 850 feet of wooden Pipe were laid in repairs.

In June last, it was discovered that the planking on the southern face of the dam at Fair Mount was decayed. After a full survey, the Committee directed the planking to be renewed with white pine plank, three and a half inches thick: 800 feet, extending from the eastern pier of the dam, to and beyond the deep water on the western side of the river, have been finished, and the rest will be completed early in the spring, the materials being all now on hand. The entire repair might have been made within the last season, if materials could have been in time collected, and if it had not been absolutely necessary to arrange the stone-work, which had settled in some of the cribs.

The excess of expenditure in 1830, of \$7,760 84, therefore, was produced by a compliance with the directions of the ordinance of May last, above referred to—by repairs of the dam—by payments made for hauling clay from Pine Street cul-

vert to the reservoir No. 4, at Fair-Mount—by repairs of the toll-house and lock-gates, and other work not embraced in the estimate for 1830.

From what the Committee have stated, it appears, that the sum of \$5,524 02 has been placed to the credit of the Tax Fund beyond the water revenue received, and that so much is due from the water revenue to the City Treasury, which placed that amount to the credit of the Tax Fund. The Committee, therefore, recommend, that, out of the sum that may be borrowed under authority of the ordinance of May last, there shall be paid to the City Treasury the sum of \$5,524 02, and that the residue shall be applied—

1. To pay for Iron Pipes delivered under contracts of 1830,	\$26,099 74
2. To pay the cost of laying 11,500 feet of pipe, and of materials to complete the work to be done in 1831, under the directions of the ordinance of May last,	4,600 00
	<u>\$30,699.72</u>

Making the entire sum, to be borrowed under the ordinance of May last, no more being needful, \$36,223 76.

Upon the general state of the works under their direction, the Committee would refrain from expressing a laudatory sentiment, if any merit was claimed by themselves; but as that is not the case, and as the praise belongs to others, and especially to the gentleman who has so long and so ably acted as Superintendent, the Committee cannot err in saying, that the works under their charge are in an excellent condition.

Since the erection of the water-power in 1822, the City and Districts have had a constant supply of wholesome water, without one day's intermission. The cost of raising the water for the last year, including all materials and wages, was only three dollars and ninety-three cents per day. The extent of Iron Pipes laid in the City is nearly 41 miles, and in the Districts upwards of 22 miles, in all 63 miles. The increase of Water Rents, in the City and Districts, within the year 1830, amounted to \$6,929 96. The sum constituting the Sinking Fund, at the close of the present year, will be \$158,880 19.

The increased demand for water for domestic and manufacturing uses; the importance of having a copious supply for cleansing the streets and alleys, in the City and Districts, during the summer months; and the desire of preventing a suspension of supply, by a stoppage of the wheels during high tides or for repairs, have induced the Committee to recommend the erection of another wheel and pump; and they accordingly include that object in the estimate for the present year.

The Committee have concluded not to commence the masonry of reservoir No. 4, until next year, when it is believed that the earth will be sufficiently settled to admit of the completion of the work. The quantity of earth hauled since 1828, for the formation of the base and embankments of this reservoir, exceeds 52,749 yards; a further supply is requisite, and is embraced in the estimate for the present year.

The sum remaining of the appropriation to pay damages was, in 1829, \$135 42: of that sum, \$56 25 have been drawn from the Treasury to pay damages in 1830, leaving an unexpended balance of \$79 17.

X It has been usual, in former reports, to present a conjectural statement of the means likely to be applicable to the expenditure of the current year, and the Committee would continue this practice, if they supposed that any benefit could result from it; but when they consider, that, be the expenditure of any year what it may, the income of that year will exceed it, they dispense with hypothetical calculation as of no practical utility.

W. J. DUANE, *Chairman.*

PHILADELPHIA, February 8, 1831.

No. 1.

**LIST OF CERTIFICATES FOR MONEYS**

DRAWN BY THE

**WATERING COMMITTEE**

FOR

**FAIR MOUNT WATER-WORKS.**

*From December 31st, 1829, to December 31st, 1830.*

No.	1830.		Dolls	C.
64	Feb'y.	1 In favour of Frederick Graff, - - - - -	513	14
65	March	1 Ditto, - - - - -	1478	82
66	April	1 Ditto, - - - - -	2289	21
67	May	1 Ditto, - - - - -	2753	43
68	June	1 Ditto, - - - - -	3169	66
69	July	1 Ditto, - - - - -	2664	83
70	August	2 Ditto, - - - - -	1848	13
71	Sept'r.	1 Ditto, - - - - -	2636	05
72	Oct'r.	1 Ditto, - - - - -	4422	51
73	Nov'r.	1 Ditto, - - - - -	3061	98
74	Dec'r.	1 Ditto, - - - - -	2367	94
75		10 Ditto, - - - - -	878	17
76		Ditto, - - - - -	1942	95
77		22 Ditto, - - - - -	3818	58
78		27 Ditto, - - - - -	1815	44
			<b>35660</b>	<b>84</b>

## No. 2.

## ABSTRACT OF PAYMENTS

MADE UNDER THE

*Foregoing Certificates.***Distribution.**

No.	1830.		Dolls.	C.		
64	Feb'y.	1	Wages of workmen for January,	-	217	83
65	March	1	Nathaniel Burt, for 67½ yards of cloth, at 24 cents,	-	16	20
			Wages of workmen for February,	-	190	43
66	April	1	Arabella Jones, 6 months' ground rent for shop lot,	-	13	33
			Isaiah Dixey, for 20 dozen pump nossels and boxes,	-	20	25
			Joseph Edwards, for sundry brass castings,	-	63	68
			Wages of workmen for March,	-	207	02
67	May	1	Ditto for April,	-	226	02
68	June	1	Samuel Richards, for 4 loads of hay, had in 1829-30,	-	46	75
			Wages of workmen for May,	-	220	13
69	July	1	John Warnock, for nails and spikes,	-	10	98
			George Peterman, for horse feed, from December, 1829,	-	40	78
			Wages of workmen for June,	-	249	93
70	August	2	Isaiah Dixey, for 18 hydrant pumps,	-	99	00
			Benjamin Homer, for 24 brass cocks,	-	33	00
			Wages of workmen for July,	-	261	98
71	Sept'r.	1	Arabella Jones, 6 months' ground rent for shop lot,	-	13	33
			Joseph Edwards, for brass work,	-	120	00
			Charles W. Schreiner, tax for shop lot, for 1830,	-	12	24
			George Miley, for hauling wooden pipes, canal sand, &c.	-	44	00
			Wages of workmen for August,	-	268	11
72	Oct'r.	1	Ditto for September,	-	276	71
73	Nov'r.	1	M. & H. Coates, for 2 casks of nails,	-	11	00
			Samuel Richards, for 4 loads of hay,	-	46	06
			William Piersol, for wrought iron,	-	83	95
			Wages of workmen for October,	-	279	79
74	Dec'r.	1	Joseph Caskey, for whiskey,	-	22	77
			Sprogal A. Dare, for 30 pick handles,	-	6	25
			Wages of workmen for November,	-	301	52
75		10	V. Primrose, for repairs and for cart harness,	-	6	56
			William Randolph, for 8871 feet 1¼ inch boards, delivered,	-	212	90
			Charles Fox & Co., for 5700 paving bricks,	-	43	35
			John Warnock, for pump tacks, nails, &c.,	-	5	33
			Lane Schofield, for repairs to cart and wagons,	-	10	87
			J. L. Stelwaggon, for 254 bushels Virginia coal, delivered,	-	74	93
			George Peterman, for horse feed,	-	29	95
			Furman Leaming, for 600 lbs. spikes and nails,	-	33	00
			Robert Looney, for 362 bundles of straw,	-	20	65
76			Wetherill & Brothers, for paints, oil, &c.,	-	33	00
			William Piersol, for sundry wrought iron,	-	58	50
			George Miley, for hauling wooden pipes, canal sand, &c.,	-	125	75
			Keyser & Longstreth for sundry lumber,	-	50	34
			Walton & Hill, for ironmongery,	-	40	00
			Rowley & Alberger, for plumber's work,	-	17	42
			William Riehle, for pump leather,	-	40	00
77		22	Joseph Loveridge & Co., for horse shoeing, &c.,	-	18	75
			Isaiah Dixey, for 24 hydrant pumps and for pump boxes,	-	155	25
78		27	Wages of workmen for December,	-	234	25
			Amount carried forward,		4613	84



No.	1830.	Amount brought forward,	Dolls.	C.	Dolls.	C.
					4613	84
<b>No. 3.</b>						
<b>Fair Mount Works.</b>						
64	Feb'y.	1 Wages of workmen for January, and for hack hire,	41	00		
65	March	1 Thomas Maguire, on account, for cutting down foot-way in John street, - - - - -	200	00		
		Wages of workmen for February, - - - - -	24	69		
66	April	1 Thomas Maguire, on account, for cutting down John street, - - - - -	100	00		
		Wages of workmen, keeping lock gates, - - - - -	12	00		
67	May	1 James Murphy, repaving over the iron main, - - - - -	23	04		
		Coffee & Fudge, for 266 perches of stone, placed on ca- nal bank, &c., - - - - -	184	62		
		William Cannon, for hack hire, - - - - -	40	00		
		Thomas Maguire, on account, for cutting down John street, - - - - -	300	00		
		Wages of workmen for April, - - - - -	24	00		
68	June	1 Andrew Kilpatrick, for hauling dirt near John street, Daniel Rubicam, for sundries, had in 1829-30, - - - - -	26	67	241	58
		Wages of workmen for May, - - - - -	51	64		
69	July	1 Peter Henri, on account, for painting toll house, lock gates, &c., - - - - -	180	00		
		Abraham Marshall, for glass for the office, - - - - -	16	00		
		Wages of workmen for June, - - - - -	63	25		
70	August	2 Thomas Maguire, for cutting down foot-way in Francis street, - - - - -	82	75		
		Peter Henri, balance for painting reservoir fence, &c., - - - - -	48	80		
		Wages of workmen for July, - - - - -	12	00		
71	Sept'r.	1 Francis Mitchell, county and poor tax, for 1830, - - - - -	263	00		
		Thomas Maguire, on account, for quarrying pipe trench in John street, - - - - -	100	00		
		William Cannon, for hack hire, - - - - -	20	00		
		Wages of workmen for August, - - - - -	12	00		
72	October	1 Thomas Maguire, on account, for quarrying pipe trench, Wages of workmen for September, - - - - -	125	40	12	00
		Thomas Maguire, balance, quarrying pipe trench in John street, - - - - -	198	20		
		Frederick Erdman, repairs and materials for toll house, lock gates, &c., - - - - -	106	92		
		Wages of workmen for October, filling in dam, &c., - - - - -	60	74		
74	Dec'r.	1 Vogels & Pierson, for new scow and implements, - - - - -	425	00		
		William Cannon, for hack hire, - - - - -	30	50		
		Samuel Hains, for surveying and measuring dirt in 1829-30, - - - - -	50	00		
		Hugh Scott, for 342 perches of stone put in the dam, Wages of workmen at dam, &c., - - - - -	336	85	34	07
75	10	Amos Jeans, for sundry lumber for fences, &c., - - - - -	46	96		
		William P. Horner, for hack hire, - - - - -	12	50		
		James Gowen, for sundries for the office, - - - - -	20	37		
		Peter Hotz, Spring-Garden corporation tax for 1830, Daniel Rubicam, for sundries, - - - - -	262	80	20	00
76	10					
Amounts carried forward,			3809	35	4613	84

No.	1830.		Dolls.	C.	Dolls.	C.
		Amounts brought forward,	3809	35	4613	84
77	Dec'r. 22	Frederick Erdman, on account, for materials and plank- ing the dam, - - - - -	1698	87		
		Thomas Maguire, balance, for 5592 yards cutting down John street, - - - - -		99	00	
78	27	Wages of workmen for December, - - - - -	20	60		
					5627	82

### No. 4.

### Water Power.

64	Feb'y. 1	Wages of workmen for January, - - - - -	93	00		
65	March 1	Ditto, for February, - - - - -	84	00		
66	April 1	Ditto, for March, - - - - -	93	00		
67	May 1	Lewis & Penington, for 62 gallons olive oil, - - - - -	54	25		
		Thomas Barnes, for 33½ gallons lamp oil, &c., - - - - -	28	80		
		Wages of workmen for April, - - - - -	95	00		
68	June 1	Ditto, for May, - - - - -	93	00		
69	July 1	Ditto, for June, - - - - -	90	00		
70	August 2	Ditto, for July, - - - - -	93	00		
71	Sept'r. 1	Ditto, for August, - - - - -	93	00		
72	Oct'r. 1	Ditto, for September, - - - - -	90	00		
73	Nov'r. 1	Ditto, for October, - - - - -	93	00		
		J. R. & J. M. Bolton, for 24 tons coal delivered,	138	50		
74	Dec'r. 1	Wages of workmen for November, - - - - -	90	00		
76	10	Wetherill & Brothers, for paints, oil, black lead, &c.,	14	39		
		William Kerr, for chandlery, - - - - -	50	42		
		E. & T. Dallett, for tallow, - - - - -	47	04		
78	27	Wages of workmen for December, - - - - -	93	00		
					1433	40

### No. 5.

### Iron Pipes.

64	Feb'y. 1	Wages of workmen for January, fitting cocks, fire plugs, &c., - - - - -	161	31		
65	March 1	Wages of workmen for February, - - - - -	136	75		
66	April 1	Ditto, for March, - - - - -	172	68		
67	May 1	Ditto, for April, - - - - -	358	37		
68	June 1	Samuel Richards, for 61 pipes of 16 inches, for Vine and Broad streets, - - - - -	1490	12		
		Joseph Edwards, for brass work, - - - - -	29	55		
		Wages of workmen for May, - - - - -	370	22		
69	July 1	Ditto, for June, - - - - -	361	62		
70	August 2	Dobbin & Murphy, advertising for iron pipes at Baltimore,	7	00		
		Joseph Edwards, for brass castings, - - - - -	127	05		
		Wages of workmen for July, - - - - -	583	55		
71	Sept'r. 1	Samuel Richards, for extra castings for iron mains,	488	86		
		Smith & Gouge, for advertising, - - - - -	11	77		
		George Miley, for hauling iron pipes, - - - - -	96	00		
		Wages of workmen for August, - - - - -	739	74		
72	Oct'r. 1	Ditto, for September, - - - - -	1097	51		
73	Nov'r. 1	Samuel Haydock, for 1006 feet of lead pipe, - - - - -	201	09		
		William Piersol, for sundry wrought iron, - - - - -	100	00		
Amounts carried forward,			6533	19	11675	06

No.	1830.		Dolls.	C.	Dolls.	C.
		Amounts brought forward,	6533	19	11675	06
73	Nov'r.	1 Joseph Edwards, for brass castings,		96	30	
		Wages of workmen for October,	1067	32		
74	Dec'r.	1 Joseph Caskey, for whiskey,		30	00	
		James M'Clure, 13 days' wharfage,		13	00	
		Wages of workmen for November,	953	90		
75		10 Zachariah Poulson, for advertising,		8	00	
		Lehigh Coal and Navigation Company, for 6000 feet boards,		90	00	
76		Jesse Gilham, 4 days' wharfage of iron pipes,		4	00	
		James Wood, for 3 dozen spades and shovels, &c.,		22	50	
		Israel Roberts, for copper and brass work,		52	52	
		Benjamin Duncan, for wood and handspikes,		12	00	
		William Piersol, for wrought iron,		98	54	
		William Kerr, for spun yarn and chandlery,		210	00	
		Wetherill & Co., for lead pipe,		104	49	
		George Miley, for hauling iron pipes &c.,		182	00	
		Keyser & Longstreth, for sundry lumber,		100	00	
		Walton & Hill, for ironmongery,		31	90	
		Rowley & Alberger, for plumber's work,		372	00	
		E. & T. Dallett, for tallow,		25	34	
		William Riehle & Sons, for sole leather,		41	45	
77		22 Rush & Muhlenberg, for castings and fire clay,		13	25	
		Joseph Edwards, for brass castings,		103	95	
		Samuel Richards, for iron pipes and castings,		1670	83	
78		27 Wages of workmen for December,		186	34	
						12022
						82

No. 6.

RESERVOIR No. 4.

65	March	1	Alexander Scott, on account, for hauling dirt,		800	00
			Zachariah Poulson, for advertising,		2	50
			William Fry, ditto,		2	25
			Jacob Frick, ditto,		2	75
66	April	1	Alexander Scott, on account, for hauling dirt,		700	00
67	May	1	Ditto, balance, for hauling 15752 yards in 1829-30		1110	56
68	June	1	Alexander Scott, on account of new contract,		600	00
69	July	1	Ditto, do. do.		800	00
70	August	2	Ditto, do. do.		500	00
71	Sept'r.	1	Ditto, do. do.		300	00
72	Oct'r.	1	Ditto, balance, for hauling 14407 yards, at 23½ cents,		1185	64
			George Bumm, on account, for hauling clay from culvert,		800	00
73	Nov'r.	1	Alexander Scott, in full, for hauling 2466 yards dirt,		579	11
78	Dec'r.	27	Ditto, on account, for contract unfinished,		500	00
						7882
						81
			Amount carried forward,			31580
						69

No.	1830.		Dolls.	C.	Dolls.	C.
		Amount brought forward,			31580	69
<b>No. 7.</b>						
<b>Salaries.</b>						
66	April	1 Samuel W. Rush, for one quarter's salary,	250	00		
		Samuel Correy, ditto, - - -	31	25		
		Frederick Graff, ditto, - - -	500	00		
69	July	1 Samuel W. Rush, ditto, - - -	250	00		
		Samuel Correy, ditto, - - -	31	25		
		Frederick Graff, ditto, - - -	500	00		
72	October	1 Samuel W. Rush, ditto, - - -	250	00		
		Samuel Correy, ditto, - - -	31	25		
		Frederick Graff, ditto, - - -	500	00		
	Dec'r.	27 Samuel W. Rush, ditto, - - -	250	00		
		Samuel Correy, ditto, - - -	31	25		
		Frederick Graff, ditto, - - -	500	00		
					3125	00
<b>No. 8.</b>						
<b>Incidentals.</b>						
65	March	1 George Wevill, for carpet, &c., for Watering Committee's Office, in City Hall, - - -	19	25		
66	April	1 Amos Hollan, for injury to a horse, allowed by committee, C. G. Childs, printing and colouring 300 plans of rail road, &c., - - -	20	00		
			106	00		
67	May	1 Samuel W. Rush, for sundry bills paid by him, -	44	25		
		Robert Desilver, for stationary and water books,	97	19		
69	July	1 Jacob Frick, for advertising, - - -	11	00		
74	Dec'r.	1 J. Harding, ditto, for iron pipes, &c.,	10	00		
76		10 Lydia R. Bailey, printing and binding, &c., reports on rail road, &c., - - -	189	35		
77		22 Robert Desilver, for duplicate rent books, and stationary,	58	68		
					555	72
<b>No. 9.</b>						
<b>Damages.</b>						
67	May	1 Thomas Hale, for payment of damages to E. Roberts,	56	25		
					56	25
Amount carried forward,					35317	66

No.	1830.		Dolls.	C.	Dolls.	C.
		Amount brought forward,			35317	66
<b>No. 10.</b>						
<b>Repaving.</b>						
67	May	1 Daniel Arnold, for repaving 181 yards over private water pipes,			43	44
		Ditto, - - 281 <sup>1</sup> / <sub>2</sub> yards,			67	64
69	July	1 Ditto, - - 261 <sup>1</sup> / <sub>3</sub> do. - -			60	02
71	Sept'r.	1 Ditto, - - 225 do. - -			54	00
72	October	1 Ditto, - - 225 do. - -			54	00
74	Dec'r.	2 Ditto, - - 267 do. - -			64	08
					343	18
					35660	84

**No. 11.**

**ABSTRACT OF PAYMENTS**

MADE BY THE

**WATERING COMMITTEE,**

*From December 31st, 1829, to December 31st, 1830.*

	Dolls.	C.
Distribution, - - - - -	4613	84
Fair Mount works, - - - - -	5627	82
Water Power, - - - - -	1433	40
Iron Pipes, - - - - -	12022	82
Reservoir No. 4, - - - - -	7882	81
Salaries, - - - - -	3125	00
Incidentals, - - - - -	555	72
Damages, - - - - -	56	25
Repaving, - - - - -	343	18
	35660	84

## No. 12.

## SUMS PAID INTO THE TREASURY

BY THE SUPERINTENDENT,

From December 31st, 1829, to December 31st, 1830.

1830.			Dolls.	C.
Feb'y. 18	To	Cornelius Stevenson, Treasurer, for old pipes, &c.,	-	104 09
April 27	To	ditto, for fixing two fire plugs on the main, &c.,	-	113 92
Sept'r. 7	To	ditto, for rent of Francis street wharf, and sundries sold,	-	136 41
13	To	ditto, for wooden pipes sold Burlington Water Company,	-	171 68
Oct'r. 2	To	ditto, for old iron sold Francis Harley, &c.,	-	332 75
Dec'r. 14	To	ditto, for wooden pipes sold Burlington Water Company, &c.,	-	259 70
				<hr/> 1118,55 <hr/>

X See *Pusher*, account n<sup>o</sup>. 15

## No. 13.

## STATEMENT OF IRON PIPES,

Laid from December 31st, 1829, to December 31st, 1830.

	Feet.	Feet.
Iron main in Vine, between Broad and Schuylkill		
Eighth streets, - - - - - 16 inch pipes,		400
Eleventh, from Vine to Chestnut street, - - - - - 10 do.	2611	
Mulberry, from Eighth to Twelfth street, - - - - - 10 do.	1784	
		4395
Schuylkill Sixth, from Chestnut, northward, - - - - - 6 do.	360	
Filbert, from Thirteenth to Juniper street, - - - - -	289	
Cherry, from Tenth to Eleventh street, - - - - -	421	
Pine, above Thirteenth street, - - - - -	27	
Connexion with Spring Garden, at Thirteenth and Vine streets, - - - - -	30	
Schuylkill Seventh, from Chestnut to Lyndall's Alley, - - - - -	201	
Twelfth, south and north of Mulberry street, - - - - -	100	
West side of Broad, north from Chestnut street, - - - - -	216	
Tenth, from Vine to Spruce street, - - - - -	4042	
Ninth, from Vine to Spruce street, - - - - -	4042	
Race, from Eighth to Eleventh street, - - - - -	1338	
Cherry, from Eighth to Tenth street, - - - - -	892	
Filbert, from Eighth to Eleventh street, - - - - -	1338	
		13296
Sundry connexions of fire plugs, - - - - - 4 inch pipes,	208	
Filbert, from Seventh to Eighth street, - - - - -	396	
Chester, from Race to Vine street, - - - - -	657	
For connexions in sundry streets and fire plugs, - - - - -	640	
		1901
Lyndall's Alley, connected with Schuylkill Sixth street, 3 inch pipes,	225	
Perry, from Pine to Lombard street, - - - - -	306	
Juniper, from High to Mulberry street, - - - - -	722	
Alley north in Cherry, between Tenth and Eleventh streets, - - - - -	127	
Adams and Thirteenth streets connected, - - - - -	27	
Lyndall's Alley, connected with Schuylkill Seventh street, - - - - -	234	
Montgomery, from Twelfth to Thirteenth street, - - - - -	446	
Mifflin, from Perry to Thirteenth street, - - - - -	198	
Alley south from Filbert, between Seventh and Eighth streets, - - - - -	225	
Mechanic street, from Vine to Maple street, - - - - -	557	
James, Maple, and Lemon streets, - - - - -	1000	
North, from Tenth to Eleventh street, - - - - -	446	
Raspberry lane, from Race to Cherry street, - - - - -	358	
Alley south of Mulberry, between Tenth and Eleventh streets, - - - - -	446	
Alley, Eleventh below Arch street, and Fayette street, - - - - -	652	
Hunter, Eleventh below Filbert street, - - - - -	300	
Liberty Court, Ninth, above High street, - - - - -	234	
Orleans street, from Mifflin to Lombard street, - - - - -	180	
		6683
Amount of iron pipes laid in 1830, Upwards of 5 miles.		26675
Iron pipes laid in former years,		189660
Together, Being nearly 41 miles.		216335
There have also been laid, wooden pipes, in repairs,		850

No. 14.

ESTIMATE FOR THE YEAR 1831.

	Dolls.	C.	Dolls.	C.
For working machinery at Fair Mount, and for materials,	1500	00		
For castings, hydrant pumps, lumber, repaving over water pipes, and for general repairs of the distribution,	5500	00		
For laying iron pipes where streets may be ordered to be paved, or where applications are made for a supply of water,	3000	00		
For salaries and incidentals, and repairs to Watering Committee's Office, in the City Hall,	3625	00		
For general repairs at Fair Mount, and for payment of taxes, &c.,	1200	00		
			14825	00
For the Reservoir Department, viz.—				
For balance due on contract not finished, and for hauling 8000 yards of dirt additional,	2200	00		
For balance due on contract not finished, for hauling clay from Pine street culvert, supposed to be 3000 yards, at 58 cents,	940	00		
For the clay, and hauling 3000 yards additional, as per contract, at 70 cents,	2100	00		
For 3000 yards of clay additional, not contracted for, at 70 cents,	2100	00		
			7340	00
For the repairs of the Dam, left unfinished last year, viz.—				
For balance which will become due in 1831, for planking the dam,	301	13		
For 450 perches of large stone, and other materials, and work,	1000	00		
			1301	13
For the erection of an additional wheel and pump, and for fitting up the pump room, for stone work, for iron ascending main and castings,				12500
For building a wall along the west shore of Schuylkill, between the engine building, and the south line of the corporation ground, at Morris street, for filling in back of the same with earth, for fencing, planting with shrubbery, for the erection of a fountain, and other improvements,				4000
				39966
				13

FREDERICK GRAFF,

Superintendent of the Water Works.

To pay for Iron pipes, lead &c. contracted for in 1830 as per report 30699.72  
 Estimate above ----- 39966.13  
 Together ----- \$ 70665.85

Expended in 1831 ----- 63009.57  
 remains in Treasury balance due } 7800.38  
 for new wheel & pump for } ----- 70809.95  
 when finished -----  
 Excess over Estimate ----- \$ 144.08

There was expended in 1831 not Estimated for, To receive Boston Guards at F. Mount 442.58  
 laying extra Iron pipes 888 feet ----- 888.50  
 ditto extra of contract for 1830 laying 242 feet Iron pipes ----- 242.00  
 purchase of 20747 lbs of Lead at an excess of price 1/2 cent per lb ----- 311.20  
 Extra expended ----- \$ 1883.78



## No. 15.

## STATEMENT,

Showing the whole amount of cash received, for the year 1830,  
and as paid into the Treasury, by the Register, the Superintendent,  
and the Collectors of Water Rents,

	Dolls.	C.	Dolls.	C.
Amount received and paid into the Treasury by the Register, viz.—				
For 656 permits, at 25 cents,	164	00		
For repaving,	620	50		
For ferrules,	438	00		
For water rent, fractional part of 1830,	1746	99		
For water rent, as per Account No. 16,	553	00		
For water rent, as per Account No. 16,			551	75
From which deduct \$ 3 erroneously placed to the credit of 1831, by the Treasurer, at the direction of the Register,			3	00
			548	75
				4071 24
For water rents from Northern Liberties, as per Account No. 25,	704	75		
For water rents from Northern Liberties, as per Account No. 18,	9738	64		
				10443 39
For water rents from Southwark, as per Account No. 23,	559	32		
For water rents from Southwark, as per Account No. 20,	4710	81		
				5270 13
For water rents from Spring Garden, as per Account No. 24,	652	76		
For water rents from Spring Garden, as per Account No. 19,	3203	64		
				3856 40
The whole amount of cash paid into the City Treasury, for the year 1830, by the Register, is				23641 16
+ Amount paid into the Treasury, by the Superintendent, for the sale of old materials, for the year 1830, as per Account No. 12,				1118 55
Amount paid into the Treasury, by the collectors of water rents, for the year 1830, as per Account No. 16, is				35277 11
Amount of cash paid into the Treasury, is				60036 82

1118 55  
68918 27

D

## No. 16.

## STATEMENT,

Showing the Settlement of the Duplicates of Water Rents, for the year 1830.

	Dolls.	C.	Dolls.	C.
Amount of duplicates of water rents, 1st January, 1830, -	37881	50		
Add discoveries in 1830, \$ 83 50 by Rugan, \$ 78 50 by Davis,	162	00		
Add amount ordered to be added to duplicate, -	79	00		
			38122	50
From which deduct,				
Collectors' Commissions, -	1111	89		
Amount ordered to be sued for, <i>which had not been accounted for when Reported by Graff to Mr. Deane</i> -	122	01		
Amount of allowances, -	506	74		
			1740	64
Amount paid into the Treasury, -			36381	86
Of which was received, by Register, in 1829, -	553	00		
Received by Collectors, in 1830, -	35277	11		
Received by Register, in 1830, -	551	75		
			36381	86

## No. 17.

## STATEMENT,

Accounting for the amount of Water Rents returned as unpaid, for the year 1830, by Rugan and Davis, Collectors, and allowed to them in the settlement of the above-mentioned Duplicates.

	Dolls.	C.	Dolls.	C.
Amount allowed John Rugan, returned unpaid, -	842	75		
Amount allowed Armon Davis, returned unpaid, -	337	75		
			1180	50
Accounted for, viz:—				
Received and paid into the Treasury by Register, -	551	75		
Allowed by Committee to different individuals, -	506	74		
Amount ordered to be sued for, -	122	01		
			1180	50

## No. 18.

## STATEMENT,

Showing the Settlement of the Duplicates of Water Rents charged to the Board of Commissioners of the District of the Northern Liberties, for the year 1830.

	Dolls.	C.	Dolls.	C.
Amount of duplicates,	10360	25		
Deduct six per cent., commissions,	621	61		
			9738	64
By amount received, and paid into the Treasury by Register, in 1830,			9738	64

## No. 19.

## STATEMENT,

Showing the Settlement of the Duplicates of Water Rents, charged to the Board of Commissioners of the District of Spring Garden, for the year 1830.

	Dolls.	C.	Dolls.	C.
Amount of duplicates,	3461	54		
Deduct six per cent., commissions on \$ 3406 75,	204	40		
			3257	14
By amount received, and paid by Register into the Treasury,	3203	64		
Balance due the City, by said district,	53	50		
			3257	14

## No. 20.

## STATEMENT,

Showing the Settlement of the Duplicates of Water Rents charged to the Board of Commissioners of the District of Southwark, for the year 1830.

	Dolls.	C.	Dolls.	C.
Amount of duplicates,	5011	50		
Deduct 6 per cent., commissions,	300	69		
			4710	81
By amount received and paid by Register into Treasury,			4710	81

## No. 21.

Amount of Duplicates of Water Rents, for the year 1831, for the City.

	Dolls.	C.	Dolls.	C.
<i>Northern District.</i>				
Upper Delaware and North Mulberry Wards,	6039	25		
Lower Delaware and South Mulberry Wards,	5707	00		
High Street and North Wards,	6327	00		
Chestnut Ward,	2601	50		
Amount of Northern District,			20674	75
<i>Southern District.</i>				
Middle Ward,	1907	00		
Walnut and South Wards,	4983	00		
Dock and Locust Wards,	5703	00		
Pine, New-Market, and Cedar Wards,	7297	25		
Amount of Southern District,			19890	25
Received on account of the above duplicates—				
Amount of permits issued in December,	184	50		
By Register, in June and July, 1830,	165	50		
			350	00
			40915	00

## No. 22.

**Amount of the Duplicates of Water Rents for the  
year 1831, of the City and Districts.**

						Dolls.	C.	Dolls.	C.
Accounts,									
No. 34, City,	-	-	-	-	-	20920	75		
No. 33, City,	-	-	-	-	-	19994	25	40915	00
No. 32, Northern Liberties,						11775	00		
No. 30, Spring Garden,	-	-	-	-	-	4972	25		
No. 31, Southwark,	-	-	-	-	-	5951	50	22698	75
								63613	75

## No. 23.

**AMOUNT OF WATER RENTS,**

Received by the Register from the Incorporated District of Southwark, on countersigning Permits, from the 1st of December, 1829, to the 1st of December, 1830.

Water Rents, for 1830,	§ 559 32
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## No. 24.

**AMOUNT OF WATER RENTS,**

Received by the Register from the Incorporated District of Spring Garden, on countersigning Permits, from the 1st of December, 1829, to the 1st of December, 1830.

Water Rents, for 1830,	§ 652 76
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## No. 25.

## AMOUNT OF WATER RENTS,

Received by the Register from the Incorporated District of the Northern Liberties, on countersigning Permits, from the 1st of December, 1829, to the 1st of December, 1830.

Water Rents, for 1830, - - - - -	\$ 704 75
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## No. 26.

## STATEMENT,

Showing the settlement of the amount ordered to be sued on account of Duplicates of 1829, after deducting ten dollars paid by Mr. Ritter, per permit book, in January 1830, on account of Robert Stiles, delinquent, and also five dollars settled by Mr. Stephens, in an after settlement, previous to the institution of suit.

	Dolls.	C.	Dolls.	C.
Amount ordered to be sued, - - - - -			115	50
From which deduct—				
On account of Mr. Ritter, - - - - -	10			
On account of William Stephens, - - - - -	5			
			15	00
Amount to be sued,			100	50
Amount of cash recovered, - - - - -	47			
Amount paid Alderman's fees, - - - - -	3			
The following amounts, Alderman Pettit, this 14th January, 1831, is of the opinion will be lost.				
Robert Adams, 9 Pine street, - - - - -		5		
Anthony Fannan, 244 south Seventh street, - - - - -		5		
Bowen & M'Geltian, 9 Lawrence street, - - - - -		8		
Herbst, 111 Race street, - - - - -		5		
Jacob Painter, 41 Mechanic street, - - - - -		5		
Jacob Nicholas, 194 Vine street, - - - - -		20		
Mr. Lukens, returned without premises, - - - - -		2		
Making the above sum to be sued,			100	50

## No. 27.

Amount of Cash to the credit of the year 1831, viz.—

The above, - - - - -	\$ 47 00
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## No. 28.

## STATEMENT,

Showing the amount taken from the Duplicates of Water Rents of the City and Districts, for the year 1831.

	Dolls.	C.	Dolls.	C.
City—				
Amount declined, reduced, and allowed,	780	24		
Amount ordered to be sued for,	122	01		
			902	25
Districts,				
Northern Liberties, Southwark, and Spring Garden—				
Amount declined and reduced,			327	50
Making,			1229	75

It will be perceived, that the aforesaid deduction decreases the amount of increase by permits issued during the year 1830, for the year 1831, to that amount.

## No. 29.

## STATEMENT,

Showing the increase of Water Rents in the City and Districts, for the year 1831.

	Dolls.	C.	Dolls.	C.
Amount of increase, viz :—				
Spring Garden,	1532	21		
Southwark,	932	50		
Northern Liberties,	1422	25		
			3886	96
City,			3043	00
Amount of increase in 1830,			6929	96

## No. 30.

An Account, showing the amount of Water Rents due the City by the Incorporated District of Spring Garden, for the year 1831, with an account of the number of dwellings, &c., supplied with the Schuylkill Water, to the 31st December, 1830.

	Dolls.	C.	Dolls.	C.
2 Horses, - - - - -	at	1 50		3 00
1 Horse, &c., - - - - -		3 00		3 00
20 Tenements, - - - - -		3 75		75 00
36 Baths, - - - - -		4 50		162 00
1 Porter cellar, - - - - -		5 25		5 25
21 Dwellings, - - - - -		6 00		126 00
539 Dwellings, &c., - - - - -		7 50		4042 50
1 Slaughter house, &c., - - - - -		10 50		10 50
4 Dwellings, &c., - - - - -		11 25		45 00
1 Dwelling, &c., - - - - -		12 00		12 00
4 Soap factories, &c., - - - - -		15 00		60 00
2 Taverns, &c., - - - - -		22 50		45 00
1 Dwelling, &c., - - - - -		24 00		24 00
2 Factories, &c., - - - - -		30 00		60 00
1 Court, - - - - -		36 00		36 00
1 Court, - - - - -		37 50		37 50
1 Steam mill, - - - - -		40 00		40 00
1 Tannery, - - - - -		57 00		57 00
1 Dwelling, &c., - - - - -		75 00		75 00
640 Balance due city by said district, - - - - -				4918 75
				53 50
				4972 25



## No. 31.

An Account, showing the amount of Water Rents due the City by the Incorporated District of Southwark, for the year 1831, with an account of the number of dwellings, &c., supplied with the Schuylkill Water, to the 31st of December, 1830.

	Dolls.	C.	Dolls.	C.
1 Horse, - - - - -	at	1 50		1 50
4 Bake houses, &c., - - - - -		3 00		12 00
42 Tavern and licensed houses, - - - - -		3 75		157 50
11 Baths, - - - - -		4 50		49 50
1 Commissioners' Hall, - - - - -		5 00		5 00
12 Dwellings with cisterns, - - - - -		6 00		72 00
666 Dwellings, - - - - -		7 50		4995 00
1 Dwelling, &c., - - - - -		9 00		9 00
2 School houses, &c., - - - - -		10 00		20 00
13 Dwellings, &c., - - - - -		11 25		146 25
3 Hatteries, &c., - - - - -		12 00		36 00
1 Dwelling, tavern, &c., - - - - -		12 75		12 75
7 Hatteries, &c., - - - - -		15 00		105 00
1 Soap factory, - - - - -		18 00		18 00
1 Steam engine, - - - - -		20 00		20 00
3 Sugar refineries, &c., - - - - -		22 50		67 50
1 Livery stable, - - - - -		25 00		25 00
1 Distillery, - - - - -		27 00		27 00
1 Court, &c., - - - - -		30 00		30 00
1 Court, - - - - -		37 50		37 50
1 Brewery, - - - - -		45 00		45 00
1 Brewery, - - - - -		60 00		60 00
				5951 50

## No. 32.

An Account, showing the amount of Water Rents due the City by the Incorporated District of the Northern Liberties, for the year 1831, also the number of dwellings, &c., supplied therein with the Schuylkill Water, to the 31st of December, 1830.

	<i>Dolls.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>
6 Horses, - - - - -	<i>at</i>	1 50		9 00
14 Wash pavements, &c., - - - - -		3 00		42 00
67 Tenements, &c., - - - - -		3 75		251 25
59 Baths, - - - - -		4 50		265 50
1 Stand for horses, - - - - -		5 00		5 00
72 Dwellings, &c., - - - - -		6 00		432 00
1175 Dwellings, &c., - - - - -		7 50		8812 50
1 Stable, - - - - -		8 00		8 00
2 Dwellings, &c., - - - - -		9 00		18 00
5 Factories, &c., - - - - -		10 00		50 00
18 Dwellings, &c., - - - - -		11 25		202 50
9 Curriers, Hatters, &c., - - - - -		12 00		108 00
20 Curriers, Morocco factories, &c., - - - - -		15 00		300 00
1 Court, - - - - -		18 00		18 00
5 Taverns with stables, - - - - -		18 75		93 75
1 Brewery, &c., - - - - -		19 50		19 50
2 Soap factories, &c., - - - - -		20 00		40 00
2 Taverns with stables, - - - - -		21 00		42 00
13 Taverns with stables, - - - - -		22 50		292 50
5 Morocco factories, &c., - - - - -		25 00		125 00
8 Soap factories, &c., - - - - -		30 00		240 00
1 Brewery, - - - - -		33 00		33 00
6 Taverns with stables, - - - - -		33 75		202 50
1 Morocco factory, - - - - -		37 50		37 50
1 Brewery, - - - - -		52 50		52 50
1 Brewery, - - - - -		75 00		75 00
				<u>11775 00</u>

1496

## No. 33.

Dwellings, Manufactories, and Institutions, supplied  
with the Schuylkill Water, in the Southern Dis-  
trict of the City, to the 31st of December, 1830.

	Dolls.	C.	Dolls.	C.
12 Horses, &c., - - - - -	at	1 00		12 00
34 Wash pavements, &c., &c., - - - - -		2 00		68 00
37 Tenements, &c., - - - - -		2 50		92 50
491 Baths, - - - - -		3 00		1473 00
1 Tavern, - - - - -		3 75		3 75
5 Stables, &c., - - - - -		4 00		20 00
2844 Dwellings, &c., - - - - -		5 00		14220 00
5 Dwellings, &c., - - - - -		6 00		30 00
110 Dwellings in the county, &c., &c., - - - - -		7 50		825 00
81 Hatters, &c., - - - - -		8 00		648 00
2 Dwellings, &c., - - - - -		9 00		18 00
52 Dyers, &c., &c., - - - - -		10 00		520 00
2 Dwellings, &c., - - - - -		11 25		22 50
2 Soap boilers, &c., - - - - -		12 00		24 00
3 Dwellings, &c., - - - - -		12 50		37 50
15 Distillers, &c., - - - - -		15 00		225 00
3 Hatters, &c., - - - - -		16 00		48 00
1 Court, - - - - -		18 00		18 00
9 Taverns, - - - - -		20 00		180 00
1 Court, - - - - -		22 50		22 50
5 Sugar houses, &c., - - - - -		25 00		125 00
1 Steam engine, - - - - -		27 50		27 50
4 Stables, &c., - - - - -		30 00		120 00
2 Mansion house, &c., - - - - -		34 00		68 00
1 Morocco factory, - - - - -		35 00		35 00
1 Steam engine, - - - - -		36 00		36 00
1 Court, - - - - -		39 00		39 00
3 Baths, &c., &c., - - - - -		40 00		120 00
1 Court, - - - - -		45 00		45 00
1 Marble yard, &c., - - - - -		11 00		11 00
3 Hospitals, &c., - - - - -		50 00		150 00
2 Manufactories, &c., - - - - -		75 00		150 00
1 Deaf and Dumb institution, - - - - -		60 00		60 00
1 Alms house, - - - - -		100 00		100 00
1 Bath house, - - - - -		400 00		400 00
				19994 25

## No. 34.

**Dwellings, Manufactories, and Institutions, supplied  
with the Schuylkill Water, in the Northern Dis-  
trict of the City, to the 31st of December, 1830.**

	Dolls.	C.	Dolls.	C.
20 Horses, - - - - -	at	1 00		20 00
25 Wash pavements, &c., - - - - -		2 00		50 00
60 Tenements, &c., - - - - -		2 50		150 00
396 Baths, - - - - -		3 00		1188 00
2 Taverns, - - - - -		3 75		7 50
1 Tavern, &c., - - - - -		13 00		13 00
21 Baths, - - - - -		4 50		94 50
2747 Dwellings, - - - - -		5 00		13735 00
3 Dwellings, &c., - - - - -		6 00		18 00
2 Dwellings, &c., - - - - -		6 50		13 00
170 Dwellings, &c., - - - - -		7 50		1275 00
62 Printing offices, &c., &c., - - - - -		8 00		496 00
6 Dwellings, - - - - -		9 00		54 00
59 Dyers, &c., - - - - -		10 00		590 00
11 Soap boilers, - - - - -		12 00		132 00
5 Dwellings, &c., - - - - -		12 50		62 50
34 Distillers, &c., - - - - -		15 00		510 00
4 Hatters, &c., - - - - -		16 00		64 00
1 Stable, - - - - -		17 00		17 00
1 Court, - - - - -		17 50		17 50
2 Courts, &c., - - - - -		18 00		36 00
20 Taverns, &c., - - - - -		20 00		400 00
11 Sugar houses, &c., &c., - - - - -		25 00		275 00
1 Tavern, &c., - - - - -		29 50		29 50
8 Stables, - - - - -		30 00		240 00
1 Court, - - - - -		33 00		33 00
3 Morocco factories, &c., - - - - -		35 00		105 00
1 Court, - - - - -		32 50		32 50
4 Baths, &c., &c., - - - - -		40 00		160 00
1 Court, - - - - -		41 25		41 25
1 Brewery, &c., &c., - - - - -		44 00		44 00
2 Court, &c., &c., - - - - -		45 00		90 00
3 Stable, &c., - - - - -		50 00		150 00
2 Breweries, - - - - -		75 00		150 00
1 Manufactory - - - - -		112 50		112 50
1 Bath, - - - - -		80 00		80 00
1 Distillery, - - - - -		100 00		100 00
1 Sugar house, - - - - -		335 00		335 00
				20920 75

3694

20920.75  
 19994.25  
 ---  
 City - 40915.00  
 \$40915.00

No. 35.

STATEMENT,

Showing the quantity of Iron Pipes laid, and the number of Fire Plugs erected, in the District of the Northern Liberties, during the years 1826, 1827, 1828, 1829, and 1830.

IRON PIPES, 1830.

		Feet.	In.	Feet.	In.
10	inch diameter, In Callowhill, between Third and Fourth streets,	396			
10	do. In Callowhill, N. S., between Old York road and Fifth street, - - - - -	303			
10	do. In Poplar lane, between Fourth street and Old York road, - - - - -	670	3½		
10	do. In Third street, between Beaver and Canal streets,	842	9½	2212	1
6	do. In Second street, between Poplar lane and Canal street, - - - - -	358	5		
6	do. In Fifth street, between Willow and Buttonwood streets, - - - - -	631	5¼		
6	do. In Tammany street, between Dillwyn street and Old York road, - - - - -	579	4½		
6	do. In Tammany street, between Second and Third streets, - - - - -	519	8		
6	do. In Intersection of Green and Crown streets,	9			
6	do. In Intersection of Old York road and Poplar lane,	20			
6	do. In Intersection of George and Third streets,	9			
				2126	10¾
4	do. In Callowhill, between Fourth and Fifth streets,	400	10		
4	do. In Crown street, between Green and Tammany streets, - - - - -	622	6		
4	do. In Intersection of Mechanic street and Poplar lane,	9			
4	do. In Intersection of Rose alley and Tammany street,	9			
4	do. In Intersection of Lily alley and Tammany street,	9			
4	do. In Julianna street, between Green and Buttonwood streets, - - - - -	607			
				1657	4
3	do. In Intersection of Crown and Callowhill streets,			27	
				6023	3¾

## FIRE PLUGS, 1830.

No.	
95	In Second street, east side, between Poplar lane and Laurel street.
96	Fifth street, west side, between Buttonwood and Noble streets.
97	St. John street, north-west corner of Willow street.
98	Callowhill street, north-east corner of Kunckel street.
99	Callowhill street, north-east corner of Fourth street.
100	Callowhill street, north-east corner of Crown street.
101	Crown street, west side, between Tammany and Green streets.
102	Poplar lane, north-west corner of Apple street.
103	Tammany street, north side, between Dillwyn and Fourth streets.
104	Tammany street, north side, between Fourth street and Old York road.
105	Third street, between George and Canal streets.
106	Third street, west side, between Culvert and George streets.
107	Third street, south-west corner of Canal street.
108	Julianna street, west side, between Green and Buttonwood streets.
109	North-west corner of Julianna and Buttonwood streets.

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## IRON PIPES LAID IN THE NORTHERN LIBERTIES.

	<i>Fect.</i>	<i>In</i>
Number of feet laid during the years 1826, 1827, 1828, and 1829, is	48116	3
Number of feet laid during the year 1830,	6023	3 $\frac{3}{4}$
	54139	6 $\frac{3}{4}$

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## FIRE PLUGS ERECTED IN THE NORTHERN LIBERTIES.

Number erected during the years 1826, 1827, 1828, 1829, and 1830, is 109

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### No. 36.

### STATEMENT,

Showing the quantity of Iron Pipes laid, and the number of Fire Plugs erected, in the District of Spring Garden, during the years 1826, 1827, 1828, 1829, and 1830.

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## FIRE PLUGS, 1830.

No.	
36	South-west corner of Thirteenth and Wood streets.
37	North side of Green street, 150 feet west of Ninth street.
38	North side of Green street, 100 feet east of Ninth street.
39	North-east corner of Green and Lawrence streets.
40	West side of John street, 180 feet north of Green street.
41	South-west corner of Spring Garden and John streets.
42	South-west corner of Spring Garden and Logan streets.
43	South-west corner of Spring Garden and Green streets.
44	North-west corner of Tenth and Nectarine streets.
45	North-west corner of John and Coates's streets.

## IRON PIPES, 1830.

		<i>Fect.</i>	<i>In</i>
6 inch diameter,	Thirteenth street, from Vine to middle of Callowhill street,	523	
6 do.	Green street, from Seventh to Tenth street, -	1283	
6 do.	John street, from Buttonwood to Coates's street, -	1197	
6 do.	Noble street, from Seventh to Eighth street, -	479	
6 do.	Tenth street, from Buttonwood to Green street, -	691	
10 do.	Coates's street, from Sixth to Seventh street, -	440	
4 do.	Logan street, from Buttonwood to Spring Garden street,	265	
4 do.	Logan street, from Spring Garden to Green street, -	273	
		5151	

## IRON PIPES LAID IN THE DISTRICT OF SPRING GARDEN.

	<i>Fect.</i>	<i>In</i>
Number of feet laid during the years 1826, 1827, 1828, and 1829, is -	22279	$\frac{3}{4}$
Number of feet laid during the year 1830, -	5151	
	27430	$\frac{3}{4}$

## FIRE PLUGS ERECTED IN THE DISTRICT OF SPRING GARDEN.

The number erected during the years 1826, 1827, 1828, 1829, and 1830, is - 45

No. 37.

### STATEMENT,

Showing the quantity of Iron Pipes laid, and the number of Fire Plugs erected, in the District of Southwark, during the years 1826, 1827, 1828, 1829, and 1830.

## FIRE PLUGS, 1830.

No.

- 70 In Harmony street, 150 feet east of Fifth street.
- 71 North-west corner of Fourth and German streets.
- 72 In Christian street, between Fourth and Fifth streets.
- 73 In Third street, between Christian and Carpenter streets.
- 74 In Beck's alley, between Swanson and Front streets.

## IRON PIPES, 1830.

		<i>Feet.</i>	<i>In</i>
6 inch diameter,	In Queen street, from Third to Fourth street,	450	
3 do.	In Harmony street, from Fourth to Fifth street,	450	
6 do.	In Fourth street, from Plumb to German street,	261	
10 do.	In Christian street, from Fourth to Fifth street,	450	
6 do.	In Third street, from Christian to Carpenter street,	439	
3 do.	In Beck's alley, from Swanson to Front street,	542	
3 do.	In John street, from Second street to Moyamensing road,	134	
		2726	

## IRON PIPES LAID IN THE DISTRICT OF SOUTHWARK.

	<i>Feet.</i>	<i>In</i>
Number of feet laid during the years 1826, 1827, 1828, and 1829, is	32284	11
Number of feet laid during the year 1830,	2726	
	35010	11

## FIRE PLUGS ERECTED IN THE DISTRICT OF SOUTHWARK.

The number erected during the years 1826, 1827, 1828, 1829, and 1830, is 74

SAMUEL W. RUSH,  
*Register.*