

REPORT

OF THE

WATERING COMMITTEE

TO THE

SELECT AND COMMON COUNCILS.

READ JANUARY 25, 1816.

PUBLISHED BY ORDER OF THE COUNCILS.

PHILADELPHIA:

PRINTED BY WILLIAM FRY, WALNUT, NEAR FIFTH STREET.

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THE COMMITTEE appointed to superintend the Works for supplying the City with water, in compliance with a standing resolution of the Select and Common Councils, submit the following Annual Report:

During the last year most of the important parts of the New Works at Fair Mount, mentioned in the last annual report of the committee, as being in progress and unfinished, have been completed.

The Steam Engine, upon the principles of Boulton and Watt, with the boiler, pump, and ascending main, having been finished in the month of August last, the Works were put into operation on the 7th of September following, and from that time to the present, the supply of Water for the City has been derived entirely from the New Works. The experience thus far afforded by the use of the Reservoir warrants the opinion that it is in all respects perfect, no leak or defect having at any time appeared. But with respect to some other parts of the Works the Committee regret to be obliged to state, that they believe justice has not been done to the City. Both the boiler and pump appear to be leaky and defective, but whether these deficiencies are occasioned exclusively by bad or negligent workmanship, or arise in part from other causes, they are not at present able, with certainty to determine. When the second Engine shall be put into operation so as to give full opportunity for examining without interrupting the supply of water for the City, it is hoped that the defects may be ascertained and remedied.

The Steam Engine contracted for with Oliver Evans is nearly finished; the pump attached to it is in considerable forwardness, and the contractors are of opinion that the whole will be in readiness for use, some time in the month of February ensuing.

The parts of the Works remaining to be finished are the following: The small pump at the Old Works is to be removed and fixed up for supplying the cold water cistern of the Engine; the plastering, painting, and glazing, of the Engine House are to be completed; the pump channel is to be deepened, and an iron balustrade erected upon the platform, fronting the Schuylkill. The wall of the Reservoir is also to be covered with a stone coping, and further quarrying will be needful to enlarge the wood yard, which is by much too confined.

In order to conduct the water to the City, it was originally intended, to lay down five ranges of six inch pipes, from the Reservoir to the Centre Square, but the impossibility of obtaining a sufficient quantity of suitable timber, induced the Committee, as appears by a former report to lay but four ranges of that size, and one of four inches and a half. One of

the six inch ranges has been continued down Vine Street, and united with the pipes in the upper parts of the city, and the whole have been carried to, and connected with the distributing chest at the Centre Square.

The quantity of water flowing to the city in a given time, in consequence of the alteration above stated, as well as of the friction of the pipes, and the resistance of the frequent elbows is considerably less than the quantity originally intended, and there is reason to apprehend that even more than one additional six inch pipe will be required, to give a supply equal to the consumption of the city, during the summer months. The Committee have contracted for timber, and propose to add another six inch pipe during the ensuing season. Notwithstanding the defects above mentioned it is satisfactory to observe that the populous parts of the city are much more generally and regularly supplied with water than at any former period, and the Committee do not entertain the least doubt, that the works will eventually answer every purpose expected from them.

From actual measurement the Reservoir at Fair Mount, is found to contain 3,264,126 gallons, beer measure, and from the observation of the superintendent it appears that the consumption of water in the city during the twenty-four hours, on the 6th of December last, was about 840,000 gallons, of which quantity 330,000 gallons were used during the night.

The Engine usually works about twelve hours at a time, and is found to consume five cords of oak wood, or about one hundred and six bushels of Virginia coal in thirteen hours. The stroke of the Engine is six feet, and its capacity may be estimated as sufficient to raise into the Reservoir about 2,100,000 gallons of water in twenty-four hours, though from the deficiencies before mentioned, it does not now usually perform at that rate.

The works at the Centre Square being now disused, the reason for placing the smith's shop there, has ceased, and the Committee are of opinion, that, for the purpose of distribution and repairs, for which it will be used exclusively in future, it would be convenient to have a situation nearer to the centre of the built parts of the City, with sufficient space for a shop and stable, and a yard for the deposit of tools and materials. They respectfully suggest that some of the exhausted gravel lots on High Street and Third Street from Schuylkill, might be sold and the proceeds applied to this object.

The amount actually disbursed and chargeable to the works at Fair Mount up to December 31, 1815, exclusive of the interest on the purchase of the ground, appears by the annexed list of certificates and statement marked, No. 1, to be, \$ 183,289 62

From which deduct the cost of 1,205 cords of wood, (considerable part of which is yet on hand), 592 bushels of coal, hauling &c. sundry materials for the Engine and pump, and the wages of workmen, being the general expense of carrying on the works from September 7th, to the end of the year, amounting to, 9,529 28

leaves the actual cost of the works at Fair Mount, \$ 173,760 34

Of this sum one hundred and seventy one thousand dollars have been raised on loan at different times, during the progress of the works under the several ordinances passed for that purpose, and the residue, being two thousand seven hundred and sixty dollars and thirty-four cents, has been disbursed from the appropriation made under the ordinance passed on the 26th of October last.

The proceeds of articles sold from the Fair Mount works appear by the same statement to be, \$ 1,697 58

The estimates for completing the works at Fair Mount, including the balance upon the contract with Oliver Evans for his Engine and pump, and an additional six inch pipe of conduit from the Reservoir to the city, are contained in the annexed statement marked No. 2, and amount to \$ 28,855 00; to meet which it will be necessary to raise money by loan, when the several sums may be wanted. The said statement No. 2, also contains the estimates for the support of the works, for the year 1816, amounting to, \$ 38,975 00

The annexed statement marked No. 3, contains the account of disbursements made during the last year for the purposes of the old works amounting to \$ 17,390 29, together with the timber used during the same period, and the quantity yet on hand. It also contains a statement of the monies paid into the treasury by the superintendent, for old materials and other articles sold from the old works, amounting to \$ 1,683 72

The statement marked No. 4, contains the product of the duplicates of the water rents issued to the collectors for the eighteen months, ending on the 31st of December last. From which it appears that the actual proceeds of those rents after deducting commissions and allowances, amount to \$ 23,891 47, being \$ 969 37, more than the sum of \$ 22,922 10 heretofore appropriated to carry on the works for the year 1815, and leaving that surplus unappropriated. From the same statement it appears that \$ 654 37, have been paid into the Treasury during the year 1815, in advance upon permits issued, and \$ 169, for repairing over water pipes.

From the statement No. 5, annexed, it appears that on the 31st of December 1815, 2983 dwellings, 228 private baths, and 194 stalls for horses were supplied with the Schuylkill water, the rents of which amount to \$ 18,499 50, per annum.

The estimates for the support of the works during the year 1816, as per statement, No. 2, before mentioned amount to, \$ 38,975 00

Towards which the following sums may be applied:

The unexpended balance of the appropriations of last year, transferred under the ordinance of October 26, 1815 \$ 7,454 87

Proceeds of sales of building stone, old materials, &c. as per statement No. 3, viz.

New Works,	\$ 1,697 58	
Old Works,	1,683 72	
	3,381 30	
Amount of duplicates of water rents for 1816,		
as per statement No. 4,	\$ 18,499 50	
Deduct ten per cent. for collection and losses,	1,849 95	
	16,649 55	
Surplus of water rents to Dec. 31, 1815, as per ditto,	969 37	
Rents in advance upon permits issued in 1815, as per ditto,	654 37	
	29,109 46	
Leaves to be appropriated,		\$ 9865 54

By order of the Watering Committee,

GEO: VAUX, Chairman,

January 22, 1816.

No. 1.

LIST OF CERTIFICATES FOR MONIES,

DRAWN BY THE

WATERING COMMITTEE

FOR

FAIR MOUNT WORKS.

From Aug. 28, 1812, to Dec. 30, 1815.

No.	1812.		Dolls.	C.	Dolls.
1	Aug. 28	In favour of Frederick Graff, Clerk of the Water Works,	1000		
2	Sept. 1	Ditto,	149	16	
3	Oct. 1	Ditto,	573	32	
4	12	Ditto,	400		
5	Nov. 2	Ditto,	161	96	
6		Ditto,	580		
7	10	Ditto,	532	12	
8	Dec. 2	Ditto,	759	68	
9		Ditto,	886	38	
10	23	Ditto,	3591	11	
	1813.				
11	Jan. 2	Ditto,	623	48	
12		Ditto,	667	22	
13	26	Ditto,	396	52	
14		Ditto,	600		
15	Feb. 2	Ditto,	732	52	
16	March 2	Ditto,	942	2	
17	27	Ditto,	827	19	
18	April 2	Ditto,	842	88	
19		Ditto,	1576	86	
20	13	Ditto,	2500		
21	20	Ditto,	1670	95	
22	27	Ditto,	2200		
23	May 1	Ditto,	3046	88	
24	13	Ditto,	749	19	
25	31	Ditto,	1842	74	
26	June 1	Ditto,	2100	97	
27	8	Ditto,	910	90	
28	July 1	Ditto,	1431	69	
29		Ditto,	3580	67	
30		Ditto,	285	65	
31	Aug. 2	Ditto,	1537	17	
32		Ditto,	3753	86	
33		Ditto,	2000		
34	Sep. 2	Ditto,	1226	84	
35		Ditto,	4114	30	
36	Oct. 2	Ditto,	3092	36	
37		Ditto,	3465	65	
38	8	Ditto,	650		
39	Nov. 1	Ditto,	1276	25	
40		Ditto,	4104	33	
41	Dec. 2	Ditto,	2882	78	
42		Ditto,	1916	65	
43	4	Ditto,	297	47	
	1814.				
44	Jan. 1	Ditto,	2028	24	
Amount carried forward,			68,507	96	

No.	1814.		Amount brought forward,	Dolls.	C.	Dolls.	C.
						68,507	96
45	Jan.	1	In favour of Frederick Graff, Clerk of the Water Works,	2006	34		
46	Feb.	2	Ditto,	770	85		
47			Ditto,	1174	49		
48			Ditto,	1140	1		
49	March	1	Ditto,	521	77		
50			Ditto,	5890	29		
51	April	1	Ditto,	1942	14		
52		15	Ditto,	1452	94		
53	May	2	Ditto,	1043	65		
54			Ditto,	2387	88		
55		10	Ditto,	811	15		
56		20	Ditto,	2215			
57	June	1	Ditto,	1366	86		
58			Ditto,	3993	28		
59		4	Ditto,	3000			
60		14	Ditto,	817	82		
61		24	Ditto,	398	30		
62	July	1	Ditto,	2085	63		
63			Ditto,	2202	99		
64		28	Ditto,	488	30		
65	Aug.	1	Ditto,	949	74		
66			Ditto,	4028	89		
67		4	Ditto,	1154	70		
68	Sep.	1	Ditto,	2498	79		
69			Ditto,	2934	13		
70		10	Ditto,	5000			
71	Oct.	1	Ditto,	1937	26		
72			Ditto,	1874	94		
73		10	Ditto,	2134	50		
74	Nov.	1	Ditto,	481	21		
75			Ditto,	1812	92		
76		14	Ditto,	840	59		
77	Dec.	1	Ditto,	2435	73		
78		13	Ditto,	800			
79		28	Ditto,	1671	20		
80		30	Ditto,	1798	3		
	1815.						
81	Feb.	1	Ditto,	497	67		
82			Ditto,	1136	4		
83		14	Ditto,	3000			
84	March	1	Ditto,	1148	28		
85		7	Ditto,	1000			
86		22	Ditto,	5000			
87	April	1	Ditto,	1500	44		
88		20	Ditto,	1550			
89	May	1	Ditto,	811	8		
90			Ditto,	2961	70		
91		27	Ditto,	1950			
92	June	1	Ditto,	2073	82		
93			Ditto,	1528	37		
94	July	1	Ditto,	840	7		
95			Ditto,	1345	20		
96		14	Ditto,	1950			
97	Aug.	1	Ditto,	1413	63		
98	Sep.	1	Ditto,	1406	48		
99	Oct.	2	Ditto,	1347	99		
100		7	Ditto,	1500			
101	Nov.	2	Ditto,	1357	97		
						103,381	6
			Amount carried forward,			171,889	2

No.	1815.		Amount brought forward,	Dolls.	C.	Dolls.	C.
						171,889	2
102	Nov.	2	In favour of Frederick Graff, Clerk of the Water Works,	3542	1		
103	Dec.	2	Ditto,	2243	94		
104		26	Ditto,	992	14		
105			Ditto,	2074	97		
106			Ditto,	1354	69		
107		30	Ditto,	1192	85		
						11,400	60
						183,289	62

ABSTRACT OF PAYMENTS,

Made under the foregoing Certificates.

Engine and Pump.

No.	1812.			Dolls.	C.	Dolls.	C.
6	Nov.	2	Large and Smallman, their monthly payment,	200			
7		10	Ditto, bills for sundry materials,	72	12		
			Ditto, for the wages of workmen, for September and October,	140			
8	Dec.	2	Charles Richards, on account for iron,	728	96		
9			John Mingle, on account for a pair of bellows,	65			
			Large and Smallman, for materials,	50	81		
			Wages of workmen, for November,	162	25		
			Large and Smallman, their monthly payment,	200			
10		24	Charles Richards, 4t 9cwt 1qr 23lbs of iron, at \$120	536	75		
		1813.					
11	Jan.	2	Large and Smallman, for materials,	49	27		
12			Ditto, their monthly payment,	200			
			Wages of workmen, for December,	226	4		
			John Mingle, balance for a pair of bellows,	10			
13		26	Joseph P. Horner, one dozen of shovels and large vice,	57	50		
			Mark Richards, for ten sledges and sundry tools,	39	2		
15	Feb.	2	Wages of workmen, for January,	366	20		
			Large and Smallman, for materials,	274	0		
			Ditto, their monthly payment,	200			
16	March	2	Wages of workmen, for February,	491	87		
			Large and Smallman, their monthly payment,	200			
17		27	Thomas M'Ilwham, for sundry brass castings,	56	2		
18	April	2	Wages of Workmen, for March,	700	67		
19			Charles Richards, 4t 8cwt 2qr 25lbs of iron, at \$120	531	30		
			Large and Smallman, for materials,	295	56		
			Ditto, their monthly payment,	200			
			Bishop and Mahlon, account for boiler iron,	400			
						6206	74
						Amount carried forward,	

No.	1813.		Dolls.	C.	Dolls.	C.
		Amount brought forward,	6206	74		
20	April 13	Samuel Richards, on account of castings,	2500			
23	May 1	Wages of workmen, for April,	797	72		
		Large and Smallman, their bill of materials,	177	11		
		Ditto, their monthly payment,	200			
		Bishop and Mahlon, on account of boiler iron,	500			
25	31	Ditto, balance for boiler iron,	909	34		
26	June 1	Wages of workmen, for May,	621	42		
27	8	Large and Smallman, their monthly payment,	200			
		Henry Foxall, for 3t 17cwt 2qr 26 lbs of gun borings,	164	33		
		Hann & Fleming, hauling ditto, from Washington city,	276	57		
28	July 1	Mark Richards, for cast iron anvil,	26			
		L. Krumbhaar, for 800lbs of English steel, 20 dollars,	160			
		Charles Richards, for 3t 1cwt 2qr 21lbs of iron,	747	21		
		John Mingle, for a pair of bellows,	55			
		Frederick Graff, sundry bills, paid to July 1, 1813,	18	77		
		Large and Smallman, their monthly payment,	200			
29		Ditto, their bill for materials,	110	30		
		Wages of workmen, for June,	650	27		
31	Aug. 2	Alexander and William Adams, for poles and spirits,	143			
		Large and Smallman, their monthly payment,	200			
32		Ditto, their bill for materials,	10	79		
		Wages of workmen, for July,	668	57		
33		Samuel Richards, on account of castings,	2000			
		Warner and Gorgas, for 6537 ft. of plank and boards,	74	14		
35	Sep. 2	Large and Smallman, their monthly payment,	200			
		Wages of workmen, for August,	731	40		
36	Oct. 2	Bishop and Mahlon, for flanch and boiler iron,	266	60		
		Charles Richards, for boiler, rivet iron, &c.,	117	32		
		Daniel and Joseph Rhoads, for lumber,	19	65		
		Samuel Richards, on account for castings,	2000			
		Large and Smallman, their monthly payment,	200			
		Wages of workmen, for September,	714	83		
39	Nov. 1	Baker and Wayne, for large files and rubbers,	15	28		
		David Prentice, castings for drill frame, and lathes,	257	96		
		John Carrel, for anvil, files, &c.,	210	8		
40		Large and Smallman, for 2123½lbs brass castings, &c.,	1076	93		
		Ditto, their monthly payment,	200			
		Wages of workmen, for October,	487	28		
41	Dec. 2	Jonas Smith, for hauling castings,	36			
		Samuel Richards, on account of castings,	2400			
42		Wages of workmen, for November,	651	3		
43	4	Large and Smallman, their monthly payment,	200			
		Frederick Graff, sundry bills paid to Dec. 1, 1813,	46	66		
		James Clemson, for a grind stone,	15			
	1814.					
44	Jan. 1	Oliver Evans, for an air pump,	215	62		
45		Jonas Smith, five days, hauling castings,	25			
		Large and Smallman, their monthly payment,	200			
		Wages of workmen, for December,	717	49		
		Guest and Dickinson, for two grind stones,	35	25		
46	Feb. 2	Bishop and Mahlon, for boiler iron,	150	44		
		Edmund Kinsey, for turning lathe straps, and repairs,	69	25		
47		Daniel and Joseph Rhoads, for sundry lumber,	43	66		
		Luke Morris, for 370 feet square oak scantling,	11	10		
		John Martin, for hauling 3 pieces of leaver beam, &c.,	11	50		
		James Rowland, for 5cwt 2qr 23 lbs of iron slabs, at 7 dollars,	39	94		
		Thos. and John Morgan, for 24 galls. neats oil and cask,	43			
		Charles Richards, for sundry iron,	248	27		
		Amount carried forward,	29,273	82		

No.	1814.		Dolls.	C.	Dolls.	C.
		Amount brought forward,	29,273	82		
48	Feb.	2 Wages of workmen, for January, - - -	792	98		
49	March	1 James Rowland, for 10cwt 0qr 21 lbs. of iron, at \$ 6 50,	66	21		
		Thomas Mervine, for repairs of quarry tools,	7	50		
		Large and Smallman, their bill for materials,	25	40		
50		Samuel Richards, on account for castings, - - -	5000			
		Wages of workmen, for February, - - -	715	41		
51	April	1 Frederick Graff, sundry small bills paid to April 1, 1814,	6			
		Wages of workmen, for March, - - -	957	21		
53	May	2 Aaron Denman, for 13cwt 2qr 10 lbs of pig lead, at \$ 18,	244	60		
		Charles Richards, 10 bundles of spike rods, &c.	69			
54		Wages of workmen, for April, - - -	905	39		
55		10 Edward W. Carr, for a vice, 86lbs at 33 & 1-3d cents,	28	67		
		Edward M'Dermott, for 110 barrels of coals, at \$ 3 50,	385			
		William Somerville, for sundry castings, - - -	92	48		
57	June	1 Henry Abbot & Co., 400 bushels of coals, at \$ 1 21,	484			
		Thomas and John Morgan, 15 galls. neats oil, at \$1 75,	26	25		
		William Piersol, 19cwt 3qr 12 lbs, of iron, at \$ 6 50,	129	9		
		Alex. and W. Adams, for part of 229 galls. of whiskey,	36	12		
58		Large and Smallman, 398lbs of brass work, at 50 cents,	199			
		Wages of workmen, for May, - - -	581	43		
59		4 Samuel Richards, on account for castings, - - -	3000			
60		14 Brugier and Teisseire, for 40cwt 1qr 25 lbs pig lead, at 16 dollars 50 cents, - - -	667	82		
62	July	1 Joseph Warnick, for nails and spikes, - - -	23	16		
63		Large and Smallman, their bill of materials,	45	32		
		Wages of workmen, for June, - - -	622	59		
65	Aug.	1 Potts and Sexton, for 19cwt 3qr 16lbs of iron, at \$ 6 25,	134	29		
		Charles Richards, 12cwt 3qr 8 lbs of iron, at \$ 1 40,	89	76		
		Stilwaggon and Knight, 18cwt 0qr 17 lbs assorted iron,	142	89		
		Large and Smallman, their bill for materials, -	27	57		
66		Wages of workman, for July, - - -	554	6		
67		Oliver Evans, for 11,547 lbs of fly wheel, shaft, and socket iron, at 10 dollars per hundred,	1154	70		
69	Sept.	1 Wages of workmen, for August, - - -	642	51		
70		10 Oliver Evans, on account for steam engine, -	5000			
72	Oct.	1 Wages of workmen, for September, - - -	581	80		
		Potts and Sexton, 15cwt 2qr assorted iron, at 7 dollars,	108	50		
		Large and Smallman, 2cwt 1qr 4 lbs of 2½ square iron, at 6 dollars, - - -	13	72		
74	Nov.	1 Francis Markoe, for 931ft square beams, at 40 dollars,	37	24		
		William Somerville, for sundry castings, - - -	91	48		
		Joseph Smith, 1076 lbs of castings, at 7 and a half cents,	80	70		
		Baker and Wayne, three large smiths' rubbers,	8	43		
		Alex. and W. Adams, part of 164½ galls. of whiskey,	35			
75		Jonas Smith, for sundry hauling, - - -	86	50		
		Wages of workmen, for October, - - -	596	74		
77	Dec.	1 Potts and Sexton, 6cwt 1qr 18lbs of bar iron,	48	10		
		Wages of workmen, for November, - - -	436	45		
79		28 Oliver Evans, for an air vessel, &c., - - -	853	32		
		Guest and Dickenson, for a grind stone, - - -	10	44		
80		30 Joseph and Daniel Rhoads, for lumber, -	12	29		
		Potts and Sexton, 9cwt 0qr 26 lbs of iron, at \$ 8 50,	78	47		
		Wages of workmen, for December, - - -	499	34		
	1815.					
81	Feb.	1 William Davis, for scaffolding ropes and large fall,	57			
		Bomhurst and Walker, 74lbs and a fourth of brass valves	44	55		
		Jonas Smith, for sundry hauling, from Nov. 1, 1814, to Jan. 20, 1815, - - -	32	50		
82		Thomas Mervine, repairs of quarry tools, -	20	71		
		Amount carried forward,	55,863	51		

No.	1815.		Dolls.	C.	Dolls.	C.
		Amount brought forward,	55,863	51		
82	Feb.	1 Samuel Tash, 19 galls. of whiskey for men in the pump chamber,		20		
		Wages of workmen, for January, 1815,		754	85	
83		14 Oliver Evans, on account for steam engine,		3000		
84	March	1 Wages of workmen, for February,		706	10	
		James Twaddle, 18 $\frac{1}{2}$ quarter casks of gun powder,		247		
85		7 Oliver Evans, on account for steam engine,		1000		
86		22 Ditto, ditto,		5000		
87	April	1 Henry Graff, for weighing 112t 14cwt of castings, at 80 cents,		90	16	
		Potts and Sexton, 5cwt 2qr 27 lbs of bar iron, @ 8 50,		48	80	
		Woods and Montelius, 4cwt 2qr 10 lbs of pig lead, at 15 dollars,		68	84	
		Morris and Evans, for 12cwt of pig lead, at 16 dollars,		192		
		Bomhurst and Walker, 51 lbs and a half, brass works, at 55 cents,		28	32	
		Jonas Smith, for sundry hauling,		37	50	
		Thomas Mervine, for repairs of quarry tools,		20	36	
		Large and Smallman, their bill for materials,		13	1	
		Wages of workmen, for March,		772	58	
89	May	1 Thomas Sparks, 12cwt 0qr 28 lbs pig lead, at \$ 12,		146	46	
		Bomhurst and Walker, 140 lbs and a half, brass work, at 50 cents,		70	25	
		John Lisle, 13cwt 3qr 11 lbs of pig lead, at \$ 11		152	34	
		Samuel Carswell, for 20cwt 2qr 16 lbs of pig lead, at 11 dollars 50 cents,		237	39	
		Jonas Smith, for sundry hauling,		30	50	
		Frederick Graff, for sundry bills paid to May 1, 1815,		13	50	
90		Wages of workmen, for April,		638	22	
92	June	1 Oliver Evans, for sundry castings,		482	93	
		Samuel Carswell, for 20cwt 0qr 4 lbs lead, at \$ 11 50,		230	41	
		William Somerville, for sundry castings,		311	63	
		A. and S. Douglass, for 100 bushels of coals, and hauling,		42		
		John D. Huhn, bricks for the boilers,		201	90	
		Jonas Smith, for sundry hauling,		20		
93		Wages of workmen, for May,		559	73	
		Jonas Smith, for sundry hauling,		21	25	
		Frederick Graff, for sundry bills, paid to July 1,		42		
95	July	1 Wages of workman, for June,		420	3	
97	Aug.	1 Clarke and Coffee, for iron work, to leaver beam,		361	75	
		Phinney and Eaton, 100 bushels of coals and hauling,		39	50	
		William Arrentrue, for 139 lbs of candles,		26	80	
		Wages of workmen, for July,		426	14	
98	Sep.	1 Israel Roberts, for sundry copper pipes,		203	76	
		John D. Huhn, for bricks,		68	85	
		Wages, of workmen, for August,		139	77	
99	Oct.	2 Henry Harberger, jun. for copper pipe, &c.,		6	72	
		Wages of workmen, for September,		58	78	
101	Nov.	2 Jonas Smith, for sundry hauling,		14		
		Alexander and William Adams, for whiskey,		70		
		Bomhurst and Co., for brass work,		21	75	
102		Oliver Evans, on account for castings of main pump, and materials,		1000		
103	Dec.	2 Conarroe and Co., for slide beam of pump rod,		17	39	
		William Somerville, for sundry castings,		44	31	
104		26 Henry Voight, for plumber's work,		45	27	
		Stilwaggon and Knight, for sheet iron,		11	42	
		Nathan Smith, for lumber,		21	15	
		Amount carried forward,	74,060	93		

No.	1815.		Amount brought forward,	Dolls.	C.	Dolls.	C.
105	Dec. 26	Michael and John Brown, riggers, for putting up the engine, &c.,	- - - - -	74,060	93		
		Oliver Evans, for sundry castings,	- - - - -	54			
106		John Carrell, for ironmongery,	- - - - -	79	28		
		Frederick Graff, for sundry bills, paid to December 31, 1815,	- - - - -	26	21		
				3	90		
				<hr/>		74,224	32

Buildings.

	1812.			Dolls.	C.		
2	Sep. 1	Wages of workmen, for August,	- - - - -	149	16		
3	Oct. 1	Ditto, for September,	- - - - -	530	7		
		William Helne, for 11 wheelbarrows,	- - - - -	43	25		
5	Nov. 2	Wages of workmen, for October,	- - - - -	130	71		
		Enoch Tomlinson, on account for quarrying,	- - - - -	130			
9	Dec. 2	Wages of workmen, for November,	- - - - -	35	33		
		Enoch Tomlinson, on account for quarrying,	- - - - -	110			
10	24	Ditto, ditto,	- - - - -	150			
				<hr/>			
				1813.			
11	Jan. 2	Alexander and William Adams, 32 galls. and a half of spirits,	- - - - -	32	50		
		John Warnick, for nails,	- - - - -	19	34		
		Joseph and Daniel Rhoads, for lumber, tool house, &c.,	- - - - -	146	61		
		Wages of workmen, for December,	- - - - -	32	18		
		Enoch Tomlinson, on account for quarrying,	- - - - -	100			
13	26	Ditto, ditto,	- - - - -	120			
14		Ditto, ditto,	- - - - -	300			
15	Feb. 2	Wages of workmen, for January,	- - - - -	34	27		
16	March 2	Enoch Tomlinson, on account for quarrying,	- - - - -	150			
		Wages of workmen, for February,	- - - - -	26	97		
17	27	Enoch Tomlinson, on account for quarrying,	- - - - -	373	13		
18	April 2	Wages of workmen, for March,	- - - - -	40	45		
19		Enoch Tomlinson, on account for quarrying,	- - - - -	150			
21	20	Ditto, ditto,	- - - - -	120			
23	May 1	Wages of workmen, for April,	- - - - -	103	25		
24	13	Enoch Tomlinson, on account for quarrying,	- - - - -	250			
26	June 1	Wages of workmen, for May,	- - - - -	189	68		
27	8	Enoch Tomlinson, on account for quarrying,	- - - - -	120			
28	July 1	James Flanagan, on account for making sash and window frames,	- - - - -	80			
29		Wages of workmen, for June,	- - - - -	211	75		
31	Aug. 2	A. and T. Duffield, 18,229 feet of scantling,	- - - - -	393	89		
		Thomas Mervine, for repairs of quarry tools,	- - - - -	47	71		
		Charles Carey, for lumber for lime houses, &c.,	- - - - -	50			
		Alexander and William Adams, for scaffold poles and spirits,	- - - - -	85	87		
32		Wages of workmen, for July,	- - - - -	277	46		
34	Sep. 2	William Graham, for 14 kegs of powder,	- - - - -	241	50		
		Thomas Mervine, for repairs of quarry tools,	- - - - -	32	72		
		C. and J. Remington, for boards and scantling,	- - - - -	155	22		
35		James Flanagan, account of making frames and sashes,	- - - - -	50			
		Wages of workmen, for August,	- - - - -	397	13		
				<hr/>			
Amounts carried forward,				5,610	15	74,224	32

No.	1813.		Dolls.	C.	Dolls.	C.
		Amounts brought forward,	5,610	15	74,224	32
36	Oct.	2 Benjamin Bond, hauling 5 spring beams,		20		
		Wages of workmen, for September,	429	7		
38		8 Conarroe and Co. 5 spring beams, and 52 raft oars,	230	73		
39	Nov.	1 Thomas Mervine, for repairs of quarry tools,		56	90	
40		Jonas Smith, for sundry hauling,		46	50	
		Wages of workmen, for October,	369	90		
41	Dec.	2 Samuel Pancoast, for ironmongery,		4	20	
		Thomas Mervine, for repairs of quarry tools,		30	37	
42		Wages of workmen, for November,		302	71	
	1814.					
44	Jan.	1 Enoch Tomlinson, balance, quarrying 3208 perch of stone,		81	23	
		William Graham, 14 kegs of powder, at \$ 15, 4 a 18 50,	284			
		Thomas Mervine, for repairs of quarry tools,		22	75	
45		Wages of workmen, for December,	215	87		
46	Feb.	2 S. Simmons, for 1530 feet pannel stuff,		69	60	
		Joseph Warnick for nails, spikes, &c.,		28	68	
		Alexander and William Adams, for whiskey,		78	12	
47		Daniel and Joseph Rhoads, for sundry lumber,		28	30	
		Smith and Harding, for 845 feet scantling and plank,		16	53	
48		Jacob Babb, on account for cutting facia stone,	100			
		Wages of workmen, for January,		15		
49	March	1 Jacob Babb, on account for cutting facia stone,	100			
51	April	1 Thomas and John Graham, one keg of powder,		15	36	
		Edward Simmons and Son, 492 feet pine scantling and hauling,		20	34	
52		15 Conarroe and Co. 3284ft. of joist and hauling, at \$ 20,	68	96		
53	May	2 William Graham, part of 16 kegs of powder,	120			
		Thomas Mervine, for repairs of quarry tools,		30	78	
57	June	1 Jonas Smith, for sundry hauling,		25	59	
		Alex. and Wm. Adams, for part of 229 galls. whiskey,		36	12	
58		Philadelphia Prison, 64 scaffold poles, and 76lbs ropes,		43	26	
		James Flanagan, balance for making frames and sashes,		54	45	
		Jacob Babb, on account for mason's work,	100			
		Wages of workmen, for May,		63	74	
60		14 Jacob Babb, on account for mason's work,	150			
62	July	1 William Fisher, for 6854 feet of boards and scantling,	125	81		
		Jonas Smith, for sundry hauling,		101	81	
		Thomas Mervine, for repairs of quarry tools,		23	83	
		Joseph Warnick, for nails and spikes,		40		
		Alexander Crawford, on account for lime,	300			
		Jacob Babb, on account for mason's work,		450		
63		Wages of workmen, for June,	145	99		
65	Aug.	1 Edward Simmons and Son, for 1504 feet pannel stuff,	43	15		
		Jonas Smith, for sundry hauling,		112	32	
66		Alexander Crawford, on account of lime,	300			
		Jacob Babb, on account for mason's work,		500		
		Wages of workmen, for July,		250	27	
68	Sep.	1 Alexander Crawford, on account for lime,	200			
		Jacob Babb, on account for mason's work,		500		
		Thomas Mervine, for repairs of quarry tools,		16	81	
		Britton and Smith, for sundry lumber,		81	98	
69		Jonas Smith, for sundry hauling,		64	66	
		Wm. Hansberry, for part of 603 loads of canal sand,	122	50		
		Alex. and Wm. Adams, for part of 488 galls. whiskey,		94	39	
		Wages of workmen, for August,		98	91	
71	Oct.	1 Alexander Crawford, on account for lime,	300			
		Jacob Babb, on account for mason's work,		400		
		Jonas Smith, for sundry hauling,		61	68	
		Amounts carried forward,	13,203	32	74,224	32

No.	1813.		Dolls.	C.	Dolls.	C.
		Amounts brought forward,	13,203	32	74,224	32
72	Oct. 1	Wages of workmen, for September, - -	123	20		
		Frederick Graff, for bills paid to October 1, 1814,	20	70		
73	10	George Eyre, 46 days, scow hire, at 75 cents per day,	34	50		
		Dougherty and M'Brine, on account for stone, -	100			
74	Nov. 1	Francis Markoe, for 1104 feet of white pine scantling,	38	64		
		Alex. and Wm. Adams, part of 164 gallons and a half				
		of whiskey, - - - - -	24	24		
75		Dougherty and M'Brine, balance for 243 perches and a				
		half of stone, - - - - -	127	5		
		Joseph Kite, for 1750 feet of white pine boards,	37	62		
		Jonas Smith, for sundry hauling, - - - -	28	60		
		Wages of workmen, for October, - - - -	449	46		
76	14	Jacob and Samson Babb, balance for 3176 perches of				
		stone work, - - - - -	778	44		
		Jacob and Samson Babb, for sundry jobbing,	19			
		Daniel Groves, measuring mason's work of buildings,	30	78		
77	Dec. 1	Alexander Crawford, balance for 6330 bushels of lime,				
		at 35 cents, - - - - -	615	50		
		Bennet and Tennant, for marble coping, -	306	47		
		Samuel Pugh, for raising dinner for 85 persons 70 cents,	58	50		
		Jacob Keighler, for copper gutters, spouts, heads, &c.,	299	29		
		Richard Smith, for turning 190 ballusters, at 15 cents,	28	50		
		Wages of workmen, for November, - - - -	185	91		
78	13	John R. Griffiths, on account for slating, - - -	800			
79	28	C. and J. Remington, for sundry lumber, - - -	40	96		
		John Carrell, for ironmongery, - - - -	14	91		
		Henry Voight, for plumber's work and sheet lead,	51	62		
		John R. Griffiths, balance for slating the buildings,	361	9		
		Joseph Warnick, for nails and spikes, - - -	80			
		James Smallman, for 6870 feet of boards, at \$ 22 50,	154	57		
80	30	James Harper, jun. for 42,250 bricks, at \$ 12 and 8 50,	388	75		
		Joseph and Daniel Rhoads, for sundry lumber,	152	90		
		Nathan Atherton, for a load of lime and sundries,	15	69		
		Wages of workmen, for December, - - - -	315	39		
	1815.					
81	Feb. 1	William Hansberry, 96 loads of canal sand, at 25 cents,	24			
		Lindsey Nicholson, for sundry lumber, - - -	17	65		
		William Davis, for scaffold ropes, - - - -	93	5		
		Samuel Simmons, for sundry lumber, - - - -	162	34		
		Jonas Smith, for sundry hauling, - - - -	12	75		
82		Wages of workmen, for January, - - - -	277	98		
84	March 1	Ditto, for February, - - - -	195	18		
87	April	Ditto, for March, - - - -	228	87		
90	May 1	Ditto, for April, - - - -	111	16		
93	June 1	Ditto, for May, - - - -	92	87		
		John Warnick, for nails and spikes, - - - -	39			
		James Traquair, for marble sluice, sill, &c.,	193			
		Peter Wolford, plastering recesses of windows, &c.,	39	40		
		Frederick Graff, sundry small bills, paid to July 1,	10	20		
95	July 1	Wages of workmen, for June, - - - -	125	27		
97	Aug. 1	Ditto, for July, - - - -	99	65		
98	Sep. 1	John D. Huhn, for bricks, - - - -	87			
		J. and S. Gleason, for sundry screws, &c., -	8	17		
		Wages of workmen, for August, - - - -	387	85		
		Christian Frank, on account for painting and glazing,	100			
99	Oct. 2	Henry Harberger, for copper, spirits, &c., -	14	25		
		Alexander Crawford, part of 400 bushels of lime,	181	20		
		William Hansberry, for 87 loads of canal sand,	20	12		
		Morris and Smith, for 600 feet long joist, -	15			
		Amounts carried forward,	21,421	56	74,224	32

No.	1815.		Dolls.	C.	Dolls.	C.
		Amounts brought forward,	21,421	56	74,224	32
99	Oct.	2 Frederick Graff, for sundry small bills, paid to Oct. 1,		21	75	
		Wages of workmen, for September,		25	54	
101	Nov.	2 Bennet and Tenant, 99 feet 5 inches of marble coping,		182	45	
		at 1 dollar 80 cents,				
		Jonas Smith, for sundry hauling,		10		
		Alexander and William Adams, for whiskey,		80		
102		Wages of workmen, for October,		121	74	
103	Dec.	3 George Rex, for 25 bushels of lime, at 45 cents,		11	25	
		John D. Huhn, for 3000 bricks,		33		
		Peter Wolford; for plastering 4 rooms, and nails, &c.,		51	77	
		Wages of workmen, for November,		77	50	
104		26 Ebenezer Betz, for nails and spikes,		55		
		Nathan Smith, for plastering lath,		3		
		Roberts and West, iron for the railing of west front,		123	46	
105		Mich. and John Brown, riggers for raising the building,		28	30	
		Stephen Simmons, for lumber,		447	20	
		Joseph and Daniel Rhoads, for lumber,		117	86	
106		John Carrell, for ironmongery,		24	62	
		Frederick Graff, sundry bills paid to Dec. 31, 1815,		2	50	
107		30 Wages of workmen, for December,		87	81	
			<hr/>		23,152 31	

Leading Main.

1812.			Dolls.	C.
1	Aug.	28 Conarroe and Co., on account of pipe timber,	1000	
5	Nov.	2 Wages of workmen, for October,		31 25
8	Dec.	2 Charles Richards, on account for iron,		30 72
9		Wages of workmen, for November,		84 50
10		24 Joseph Smith, 18t 4cwt 0qr 5 lbs band iron, at \$ 1 18,	2147	86
		Benjamin Jones, 1t 6cwt 0qr 9 lbs ditto, at 1 20,	156	50
1813.				
11	Jan.	2 Roberts and West, 3t 17 lbs ditto, at 1 15,	345	76
		Wages of workmen, for December,		99
15	Feb.	2 Ditto, for January,		73 50
16	March	2 Ditto, for February,		35
18	April	2 Ditto, for March,		33
21		20 Conarroe and Co., on account for pipe timber,	400	95
		Ditto, for ditto,		500
		Ditto, for ditto,		500
22		27 Ditto, for ditto,		700
		Ditto, for ditto,		1500
23	May	1 Wages of workmen, for April,		62
24		13 Conarroe and Co., on account for pipe, timber,	499	19
25		31 Ditto, for ditto,		780 78
26	June	1 Wages of workmen, for May,		203 69
28	July	1 Jonas Smith, for hauling pipes of conduit,		55
		Frederick Graff, for sundry bills paid,		68 24
29		Wages of workman, for June,		934 26
30		Jacob Eckfeldt, for 22 picks,		55
31	Aug.	2 Alexander and William Adams, for poles and spirits,	109	45
		Jonas Smith, for hauling pipes of conduit,		58 75
32		Wages of workmen, for July,		933 64
34	Sep.	2 Jonas Smith, for hauling pipes of conduit,		55
Amounts carried forward,			11,453	4 97,376 63

No.	1813.		Dolls.	C.	Dolls.	C.
		Amounts brought forward,	11,453	4	97,376	63
35	Sep.	2 Wages of workmen, for August, - - -	1192	84		
36	Oct.	2 Jonas Smith, hauling pipes of conduit, - - -	45			
37		Wages of workmen, for September, - - -	744	95		
39	Nov.	1 Conarroe and Co., bringing raft from Grey's ferry,	8			
		John Carrell, for shovels, &c., - - -	46	53		
		Jonas Smith, for hauling pipes of conduit, -	50			
		Wages of workmen, for October, - - -	845	25		
41	Dec.	2 Jonas Smith, for hauling pipes, - - -	45			
		John Smith, for repairs of log waggon, - -	11	10		
42		Wages of workmen, for November, - - -	818	6		
43		4 Frederick Graff, for sundry bills paid, - -	5	50		
	1814.					
45	Jan.	1 Jonas Smith, for hauling pipes, - - -	25			
		John Allison, for horse feed, - - -	35	67		
		Wages of workmen, for December, - - -	434	47		
46	Feb.	2 Alexander and William Adams, for whiskey,	70	40		
48		Wages of workmen, for January, - - -	150	18		
49	March	1 Jacob Eckfeldt, for 10 picks, - - -	25			
		Reading Howell, for levels of streets, - -	16			
50		Wages of workmen, for February, - - -	59	62		
51	April	1 Ditto, for March, - - -	148	40		
52		15 Conarroe and Co., bal. for 24,955 feet of pipe timber,	383	98		
		Ditto, on account for timber delivered in 1814,	1000			
53	May	2 Ditto, for ditto, - - -	400			
		William Graham, for powder, - - -	138	50		
		Henry Abbot, 2 dozen spades, and one dozen handles,	26			
54		Jonas Smith, for hauling pipes of conduit, -	47	50		
		Wages of workmen, for April, - - -	728	82		
55		10 Conarroe and Co., on account for pipe timber,	300			
56		20 Ditto, for ditto, - - -	615			
		Ditto, for ditto, - - -	1600			
57	June	1 Jonas Smith, for hauling pipes, - - -	72	50		
		Joseph Purson, 2 loads of hay, wintering mill horse,	51	57		
		Alex. and Wm. Adams, part of 229 galls. of whiskey,	36	12		
58		Conarroe and Co., on account for pipe timber,	600			
		Wages of workmen, for May, - - -	1119	99		
61		24 Conarroe and Co., on account for timber, -	398	30		
62	July	1 George and Jacob Peterman, for horse feed,	79	54		
		Jonas Smith, for hauling pipes, - - -	96	25		
63		John Smith, for repairs to log waggon, - -	7	18		
		Wages of workmen, for June, - - -	741	8		
64		28 Conarroe and Co., on account for pipe timber,	488	30		
65	Aug.	1 Jonas Smith, for hauling pipes of conduit, -	80			
66		Wages of workman, for July, - - -	1015	8		
69	Sept.	1 Jonas Smith, for hauling pipes, - - -	76	25		
		Alex. and Wm. Adams, part of 488 galls. whiskey,	134	85		
		Wages of workmen, for August, - - -	994	22		
71	Oct.	1 Jonas Smith, for hauling pipes, - - -	55			
72		Wages of workmen, for September, - - -	695	16		
73		10 Samuel Richards, on account for castings, - -	2000			
74	Nov.	1 William Somerville, for sundry castings, - -	12	82		
		Alex. and Wm. Adams, part of 164½ galls. whiskey,	24	33		
		William Graham, for powder, - - -	44			
75		Jonas Smith, for hauling pipes of conduit, -	23			
		Thomas Mervine, repairs of quarry tools, -	13	94		
		Wages of workmen, for October, - - -	223	18		
77	Dec.	1 Ditto, for November, - - -	265	50		
79		28 John Carrell, for ironmongery, - - -	21			
		George and Jacob Peters, for horse feed, -	40			
		Amounts carried forward,	30,878	97	97,376	63

No.	1815.	Amounts brought forward,	Dolls.	C.	Dolls.	C.
			30,878	97	97,376	63
81	Feb. 1	Jonas Smith, for hauling pipes, - - -		10	50	
88	April 20	Conarroce, and Co., on account of pipe timber, - - -	1550			
92	June 1	Ditto, balance for ditto, - - -	647	14		
		Jonas Smith, for hauling pipes, - - -		11	25	
93		Wages of workmen, for May, - - -	369	42		
94	July 1	Jonas Smith, for hauling, - - -		40		
		Frederick Graff, for bills paid, - - -		28	50	
95		Wages of workmen, for June, - - -	416	35		
97	Aug. 1	Ditto, for July, - - -	120	62		
99	Oct. 2	Ditto, for August, - - -	414	62		
101	Nov. 2	Michael Frick, for 48 brass cocks, - - -		80		
		Alexander and William Adams, for whiskey, - - -		44	98	
102		Wages of workmen, for October, - - -	327	35		
103	Dec. 2	Jonas Smith, for hauling pipes, - - -		26	50	
		Conarroce and Co., for 726 feet of pipe timber, - - -	318	30		
		William Somervile, for sundry castings, - - -	139	17		
		Wages of workmen, for November, - - -	409	52		
104	26	Henry Voight, for lead pipe for air cocks, - - -		75		
105		Oliver Evans, for sundry castings, - - -	169	12		
		Mark Richards, for band iron, - - -	200			
107	30	Wages of workmen, for December, - - -	183	75		
			<hr/>		36,461	6

Reservoir.

1812.			Dolls.	C.	
4	Oct. 12	Daniel Dougherty, on account for digging reservoir, - - -	400		
6	Nov. 2	Ditto, for ditto, - - -	250		
7	10	Ditto, for ditto, - - -	300		
9	Dec. 2	Ditto, for ditto, - - -	163	11	
10	24	Ditto, for ditto, - - -	600		
1813.			Dolls.	C.	
11	Jan. 2	Joseph and Daniel Rhoads, for lumber, - - -	30		
12		Jonas Smith, on account for hauling stone, - - -	180		
14	26	Ditto, for ditto, - - -	150		
		Daniel Dougherty, on account for digging, - - -	150		
15	Feb. 2	Wages of workmen, for January, - - -	31	15	
17	Mar. 27	Daniel Dougherty, for 10,615 yards digging, &c., - - -	398	4	
18	April 2	Wages of workmen, for March, - - -	68	76	
21	20	Jonas Smith, on account for hauling stone, &c., - - -	150		
23	May 1	Wages of workmen, for April, - - -	1206	80	
25	31	Jonas Smith, for hauling clay, - - -	152	62	
26	June 1	Wages of workmen, for May, - - -	1086	18	
27	8	Jonas Smith, for hauling clay and stone, - - -	150		
28	July 1	Ditto, for hauling clay, sand, boards, &c., - - -	193	86	
		Frederick Graff, for sundry bills paid, - - -	12	43	
29		Wages of workmen, for June, - - -	1474	9	
31	Aug. 2	Charles Carey, for lumber, - - -	90	1	
		Alexander and William Adams, for spirits, - - -	344	20	
		Jonas Smith, for hauling clay, &c., - - -	193	75	
32		Wages of workmen, for July, - - -	1663	40	
34	Sep. 2	Henry Abbot, 38 spades, at 10 dollars per dozen, - - -	31	67	
		Charles Carey, 142 loads of canal sand, - - -	35	50	
		Jonas Smith, for hauling stone, clay, sand, &c., - - -	288	35	
			<hr/>		
Amounts carried forward,			9,793	133,837	69

No.	1813.		Dolls.	C.	Dolls.	C.
		Amounts brought forward,	9,793	92	133,837	69
34	Sep.	2 C. and J. Remington, 17,516 feet boards and scantling,	262	74		
35		Wages of workmen, for August, - - -	1592	93		
36	Oct.	2 Jonas Smith, for hauling stone, clay, &c., -	283			
		Daniel and Joseph Rhoads, for lumber, -	44	38		
37		Wages of workmen, for September, - - -	1376	80		
38		8 Alexander Crawford, on account for lime,	650			
39	Nov.	1 N. and D. Sellers, for sand screen, - - -	11	50		
		Alexander Crawford, balance for 2309 bushels of lime,	119	66		
		Dougherty and M'Brine, for 290 perches and three quarters of stone, - - - -	283	36		
		Charles Carey, for 145 loads of canal sand, -	36	25		
40		Jonas Smith, for hauling clay, &c., - - -	280	75		
		Wages of workmen, for October, - - - -	687	72		
41	Dec.	2 Jonas Smith, for hauling clay, &c., - - -	270			
		Smith and Harding, for 2009 feet of plank at \$ 13,	26	11		
42		Wages of workmen, for November, - - -	144	85		
43		4 Frederick Graff, for sundry bills paid, - - -	3			
	1814.					
44	Jan.	1 John and Jacob Fitzwater, for 787 bushels of lime, at 33 cents and a third, - - - -	262	33		
		James Hamilton, for 1623 loads of clay, at 25 cents,	405	75		
45		Jonas Smith, for hauling clay, &c., - - -	229	25		
		Wages of workmen, for December, - - -	88	34		
46	Feb.	2 Nathan Atherton, for sundry bills paid, - - -	34	33		
		Joseph Warnick, for nails and spikes, - - -	50			
		Alexander and William Adams, for whiskey,	115	89		
		Jonas Smith, for hauling clay, - - - -	63			
47		Joseph and Daniel Rhoads, for lumber, - - -	48	73		
		Henry Voight, for 310 feet lead 2 inch pipe, solder, &c.,	683	46		
48		Wages of workmen, for January, - - - -	21	85		
49	March	1 Jonas Smith, for hauling 257 loads of clay,	216	66		
50		Wages of workmen, for February, - - - -	48	14		
		Jacob Sipps, on account for digging clay, -	67	12		
51	April	1 Jonas Smith, for hauling 459 loads of clay,	394	80		
		Jacob Sipps, on account for digging clay, -	70			
		Frederick Graff, for bills paid, - - - -	12			
		Wages of workmen, for March, - - - -	62	3		
53	May	2 Charles Carey, for 251 feet of joist and 39 loads of sand,	14	77		
54		Jonas Smith, for sundry hauling, - - - -	259	93		
		Wages of workmen, for April, - - - -	381	24		
55		10 Jacob Sipps, balance for digging clay, - - -	5			
57	June	1 Jonas Smith, for hauling in May, - - - -	433	38		
		Alex. & Wm. Adams, part of 229 galls. of whiskey,	36	12		
58		Alexander Crawford, on account for lime, -	300			
		Wages of workmen, for May, - - - -	871	41		
62	July	1 William Graham, for 10 kegs of powder, - - -	153			
		Jonas Smith, for sundry hauling, - - - -	504	73		
63		Wages of workmen, for June, - - - -	575	83		
65	Aug.	1 Jonas Smith, for sundry hauling, - - - -	319	76		
66		James Harper, Jun., on account for bricks, -	800			
		Wages of workmen, for July, - - - -	544	48		
68	Sep.	1 James Harper, Jun., on account for bricks, -	1000			
		Alexander Crawford, on account for lime, -	200			
		Charles and Jacob Souder, on account for paving the Reservoir, - - - -	500			
69		Jonas Smith, for sundry hauling, - - - -	63	28		
		William Hansberry, 603 loads canal sand, -	28	25		
		Alex. & Wm. Adams, part of 488 galls. of whiskey,	94	39		
		Wages of workmen, for August, - - - -	459	92		
		Amounts carried forward,	26,286	14	133,837	69

No.	1814.		Dolls.	C.	Dolls.	C.
		Amounts brought forward,	26,286	14	133,837	69
71	Oct.	1 Charles and Jacob Souder, on account for paving the Reservoir,			300	
		James Harper, Jun., balance for 213,300 paving bricks, at \$ 11,			545	20
		Jonas Smith, for sundry hauling,			22	88
		Wages of workmen, for September,			295	55
74	Nov.	1 Alex. and Wm. Adams, part of 164½ galls. whiskey,			24	33
75		Charles & Jacob Souder, balance for paving Reservoir,			45	25
		Wages of workmen, for October,			181	58
76	14	Jacob and Samson Babb, for mason's work,			12	37
77	Dec.	1 Wages of workmen, for November,			126	51
79	28	Henry Voight, for plumber's work to small pump,			12	30
		Joseph Warnick, for nails and spikes,			30	99
80	30	Joseph and Daniel Rhoads, for lumber and sand,			59	34
		Nathan Atherton, for sundries,			16	80
	1815.					
81	Feb.	1 Lindsey Nicholson, for lumber,			17	46
89	May	1 Benjamin Duncan, for 153 oak posts at 56 cents,			85	68
		Jonas Smith, for sundry hauling,			22	50
90		Wages of workmen, for April,			69	60
92	June	1 Jonas Smith, for sundry hauling,			52	52
93		Wages of workmen, for May,			196	36
94	July	1 Satori and Vanuxem, for lumber for the fence,			297	80
		Joseph Warnick, for nails and spikes,			40	
		James Traquair, for marble flooring,			40	
		Jonas Smith, for sundry hauling,			40	92
		Frederick Graff, for sundry bills paid,			8	
95		Wages of workmen, for June,			213	93
104	Dec.	26 Ebenezer Betz, for nails, spikes, &c.,			24	45
105		Joseph and Daniel Rhoads, for lumber,			41	75
106		John Carrell, for ironmongry,			25	37
						29,135 58

Salaries.

	1813.		Dolls.	C.
30	July	1 Nathan Atherton, for one quarter's salary,		187 50
		Elisha Clark, 21 days salary at 750 dollars,		43 15
31	Aug.	2 Ditto, - - - balance in full,		20 54
36	Oct.	2 Nathan Atherton, his salary,		187 50
		Joseph Naylor, on account for salary,		108 91
40	Nov.	1 Ditto, - - - ditto,		60
41	Dec.	2 Ditto, - - - ditto,		60
	1814.			
44	Jan.	1 Ditto, balance in full to January 1, 1814,		69 6
		Nathan Atherton, on account of salary,		187 50
		Frederick Graff, part of his compensation,		500
48	Feb.	2 Joseph Naylor, on account for salary,		60
49	March	1 Ditto, for ditto,		65
51	April	1 Nathan Atherton, for ditto,		187 50
		Joseph Naylor, for ditto,		60
54	May	2 Ditto, for ditto,		65
58	June	1 Ditto, for ditto,		60
62	July	1 Nathan Atherton, for ditto,		187 50
		Amounts carried forward,	2,109	16 162,973 27

No.	1814.		Amounts brought forward,	Dolls.	C.	Dolls.	C.
				2,109	16	162,973	27
63	July	1	Joseph Naylor, on account for salary, - - -	65			
66	Aug.	1	Ditto, for ditto, - - -	65			
69	Sep.	1	Ditto, for ditto, - - -	60			
71	Oct.	1	Nathan Atherton, for ditto, - - -	187	50		
			Joseph Naylor, for ditto, - - -	65			
74	Nov.	1	Ditto, for ditto, - - -	60			
77	Dec.	1	Ditto, for ditto, - - -	65			
80		30	Nathan Atherton, salary in full, to Jan. 1, 1815,	187	50		
			Joseph Naylor, for his salary, - - -	60			
	1815.						
82	Feb.	1	Joseph Naylor's estate, the balance of his salary,	62	50		
100	Oct.	7	Frederick Graff, balance of his compensation -	1500			
						4,486	66

Incidental Expenses.

				Dolls.	C.		
	1812.						
7	Nov.	10	Large and Smallman, their bill for materials, -	20			
9	Dec.	2	Isaac Wampool, for deed and searches, -	15	38		
	1813.						
16	March	2	Reading Howell, for surveying Fair Mount ground,	38	18		
28	July	1	Frederick Graff, for sundry bills paid, - - -	15	18		
43	Dec.	4	Ditto, for ditto, - - - - -	27	31		
	1814.						
46	Feb.	2	George Hyde, for stationary, - - - - -	41	14		
51	April	1	Frederick Graff, for sundry bills paid, - - -	8	50		
72	Oct.	1	Ditto, for ditto, - - - - -	36	31		
80	Dec.	30	George Hyde, for stationary, - - - - -	11	56		
	1815.						
81	Feb.	1	Reading Howell, for levels of streets, - - -	25	87		
89	May	1	Frederick Graff, for sundry bills paid, - - -	52	46		
99	Oct.	2	Ditto, for ditto, - - - - -	83	40		
105	Dec.	26	George Hyde, for stationary, - - - - -	20	31		
						395	60

Engines.

				Dolls.	C.		
	1815.						
90	May	1	John Tuft, for 300 cords of wood, at \$ 6 50, -	1950			
91		27	Ditto, 300 of ditto, - - - - -	1950			
93	June	1	Wages of workmen, piling wood for May and hauling,	227	99		
95	July	1	Ditto, for June, - - - - -	51	50		
96		14	John Tuft, for 300 cords of wood, - - - - -	1950			
97	Aug.	1	Jonas Smith, for 5 cords of pine wood, hauling and wharfage, - - - - -	26	55		
98	Sept.	1	Josiah Steel, on account for cording wood, -	45			
99	Oct.	2	Alexander Crawford, for lime for the boilers, -	60			
			Frederick Graff, for sundry bills paid, - - -	2	89		
			Wages of workmen, for September, -	74	66		
Amounts carried forward,				6,838	59	167,855	53

No.	1815.		Dolls.	C.	Dolls.	C.
		Amounts brought forward,	6,338	59	167,855	53
101	Nov. 2	Elijah and Thomas Dalett, for tallow, - - -	152	44		
		Henry Nixon, for 6 months' rent of wharf, due Oct. 15,	150			
102		John Tuft, for 200 cords of wood, - - -	1300			
		Wages of workmen at engines, &c., - - -	234	92		
103	Dec. 2	Jonas Smith, for hauling wood, - - -	42	78		
		John D. Huhn, for 2250 bricks at 10 dollars, - -	22	50		
		Wages of workmen, for November, - - -	180	15		
104	26	Stilwaggon & Knight, for 592 bushels of coals at 48 cts.,	284	16		
		William Arrentrue, for candles, - - -	8	58		
105		William Davis, for chandlery, - - -	149	48		
		Josiah Steel, balance for cording and wharfage of 1479 cords of wood, - - -	21	85		
106		Samuel Wetherill and Son, for oil, emery, whiting, &c.,	99	16		
		Frederick Graff, for sundry bills paid to Dec. 31, 1815,	8			
		John Tuft, for 100 cords of wood at \$ 6 50, - -	650			
107	30	Wages of workmen, for December, - - -	295	86		
		William Songster, for shorts for boiler, and straw for main pipes, - - -	11	12		
		Samuel Tash, for candles, salt for cement, &c.,	18	56		
		Jonas Smith, for sundry hauling in December,	61	13		
					10,029	28

Quarrying.

No.	1815.		Dolls.	C.	Dolls.	C.
90	May 1	Wages of workmen, for April, - - -	192	72		
92	June 1	Enoch Tomlinson, for 271 lbs. of quarrying tools,	42	17		
		Thomas Mervine, for repairs of quarry tools,	31	87		
93		Wages of workmen, for May, - - -	82			
94	July 1	Ditto, for June, - - -	118	12		
97	Aug. 1	James Twaddle, for 6 quarter casks of gun powder,	64			
		Thomas Mervine, for repairs of quarry tools,	20	12		
		Wages of workmen, for July, - - -	228	50		
98	Sep. 1	John Fernsler, for 8 quarter casks of gun powder,	80			
		Wages of workmen, for August, - - -	286	8		
99	Oct. 2	Thomas Mervine, for repairs of quarry tools, - -	25	94		
		Wages of workmen, for September, - - -	117	12		
101	Nov. 2	Alexander and William Adams, for whiskey,	80			
102		Wages of workmen, for October, - - -	204			
103	Dec. 2	Ditto, for November, - - -	212	37		
104	26	James Twaddle, for powder, - - -	49			
106		Thomas Mervine, for repairs of quarry tools, - -	12	55		
107	30	Wages of workmen, for December, - - -	114	93		
					1,961	49

Distribution.

No.	1815.		Dolls.	C.	Dolls.	C.
101	Nov. 2	William Piersol, for sundry iron, - - -	71	70		
		Jonas Smith, for hauling pipes of conduit, &c.,	32	50		
					104	20
Amounts carried forward,			104	20	179,846	80

No.	1815.	Amounts brought forward,	Dolls.	C.	Dolls.	C.
			104	20	179,846	30
101	Nov. 2	Alex. and Wm. Adams, for 198½ galls. of whiskey,	169	91		
		Bornhurst and Co., for brass castings, - - -	36	50		
102		Wages of workmen, for October, - - -	347	75		
103	Dec. 2	Elizabeth Foulke, for 6 months' stable and shop rent,	20			
		Conarroe and Co., for 4208 feet of boards and haul-				
		ing at 25 dollars, - - - - -	107	30		
		Israel Roberts, 12 copper pump balls at 2 dollars,	24			
		William Somerville, for sundry castings, - - -	36	60		
		Wages of workmen, for November, - - -	423	13		
104	26	Ebenezer Betz, for nails and spikes, - - -	16	60		
		Michael Riley, for shoeing cart horse, - - -	10	53		
		Henry Voight, plumber's work and pipes for pumps,	131	64		
		Stilwaggon and Knight, for coals, - - - - -	70	50		
		Roberts and West, for iron, - - - - -	40	85		
		Joseph Peirson, for 175 bundles of straw, - - -	14	5		
105		Jacob Edenborn, for 262 and 3-4 lbs of soal leather,	85	54		
		Stephen Simmons, for lumber, - - - - -	38	75		
		Joseph and Daniel Rhoads, for ditto, - - -	8	71		
		Mark Richards, for band iron, - - - - -	296	39		
106		Samuel Wetherill and Son, for paints and oil,	44	90		
		John Carrell, for ironmongery, - - - - -	22	27		
		George and Jacob Peterman, for horse feed, - - -	41	12		
		Richard Smith, for turning pump boxes and nossels,	31	87		
		Frederick Graff, for sundry bills paid to Dec. 31, 1815,	33	40		
107	30	Wages of workmen, for December, - - -	419	69		
			<hr/>		2,576	20

Old Engines.

No.	1815.		Dolls.	C.	Dolls.	C.
101	Nov. 2	Elijah and Thomas Dalett, for tallow, - - -	156	74		
102		Wages of workmen, for October, - - - - -	6	25		
103	Dec. 2	Wm. Rees, bal. for hauling 416 cords of wood at 40cts.,	46	40		
104	26	William Arrentrue, for candles, - - - - -	7	48		
105		William Davis, for chandlery, - - - - -	272	19		
		Oliver Evans, for castings, - - - - -	44	24		
106		Samuel Wetherill and Son, for oil, whiting, &c.,	23	82		
		Frederick Graff, for sundry small bills paid to Dec. 31,	5			
			<hr/>		562	12

Old Salaries.

No.	1815.		Dolls.	C.	Dolls.	C.
101	Nov. 2	John Keith, for 4 months' salary due November 1,	5			
106	Dec. 26	Frederick Graff, balance of one year's salary due De-				
		ceMBER 31, 1815, - - - - -	300			
			<hr/>		305	
			<hr/>		183,289	62

ABSTRACT OF PAYMENTS

MADE BY

THE WATERING COMMITTEE

From August 28th, 1812, to December 30th, 1815.

	Dolls.	C.	Dolls.	C.
Engine and pump, - - - - -	74,224	32		
Buildings, - - - - -	23,152	31		
Leading Main, - - - - -	36,461	6		
Reservoir, - - - - -	29,135	58		
Salaries, - - - - -	4,486	66		
Incidental Expenses, - - - - -	395	60		
Engines, - - - - -	10,029	28		
Quarrying, - - - - -	1,961	49		
Distribution, - - - - -	2,576	20		
Old Engines, - - - - -	562	12		
Old Salaries, - - - - -	305			
			183,289	62

Paid into the Treasury by the Superintendent for articles sold from
Jan. 1, 1814, to Dec. 30, 1815, from Fair Mount Works:

	Dolls.	C.	Dolls.	C.
1814.				
Jan. 1 To George A. Baker, Treasurer, - - - - -	422	13		
April 1 To ditto, - - - - -	16	50		
Dec. 30 To ditto, - - - - -	222	65		
1815.				
July 15 To James E. Smith, Treasurer, - - - - -	361			
Dec. 26 To ditto, - - - - -	675	30		
			1,697	58

FREDERICK GRAFF,
Superintendent of the Water Works.

January 18th, 1816.

No. 2.

Estimate of Cost for the Completion of Fair Mount Works.

	Dolls.	C.	Dolls.	C.
For the Buildings, - - - - -	1,350			
the Reservoir, - - - - -	2,205			
the Engine and Pump, - - - - -	1,300			
the Leading Main, - - - - -	8,500			
the balance due Oliver Evans for Steam Engine, - - - - -	9,000			
contingencies, including the main pump attached to Oliver Evans' Engine. - - - - -	6,500			
	28,855		28,855	

Estimate for the Support of Fair Mount Works during the year 1816.

	Dolls.	C.	Dolls.	C.
For 100 cords of Wood due by John Tuft as per contract, including cordage and hauling at \$ 6 81, - - - - -	681			
working the Engine and for materials, - - - - -	2,963	70		
2200 cords of Wood, cordage and hauling, at \$ 7 31, - - - - -	16,082			
rent of wood wharf on Callowhill Street, - - - - -	300			
	20,026	70	20,026	70

For the Leading Main and Distribution.

	Dolls.	C.	Dolls.	C.
For 20,000 feet of pipe timber, boring and laying at 90 cts., - - - - -	18,000			
laying 3304 feet of pipes now in the pond at 35 cts., - - - - -	1,156	40		
castings, of cylinders, cocks, fire plugs, &c., - - - - -	1,200			
40 tubs for hydrant pumps and fixtures, - - - - -	400			
repairs of Leading Mains, pipes in the streets and for pumps, fire plugs &c., - - - - -	2,500			
	23,256	40		
From which deduct the New Main included in the estimate for the completion of the Works, - - - - -	8,500			
	14,756	40	14,756	40
For enlarging the wood yard, quarrying, &c., - - - - -			2,000	
salaries of the superintendent and messenger, - - - - -			2,040	
incidentals, for advertising, stationary, &c., - - - - -			151	90
			38,975	

FREDERICK GRAFF,
Superintendent of the Water Works.

January 18th, 1816.

No. 3.

ABSTRACT OF PAYMENTS

ACCOUNT

OF THE

OLD WATER WORKS

From February 1st, 1815, to October 2d, 1815.

LIST OF CERTIFICATES OR ORDERS FOR MONIES

DRAWN BY

THE WATERING COMMITTEE

FOR

THE OLD WATER WORKS,

From Feb. 1, 1815, to Oct. 2, 1815.

No.	1815.		Dolls.	C.
1036	Feb.	1 In favour of Frederick Graff, Clerk of the Water Works,	2100	92
1037	March	1 Ditto,	485	75
1038	April	1 Ditto,	641	45
1039		Ditto,	1500	
1040	May	1 Ditto,	947	96
1041	June	1 Ditto,	1143	13
1042		Ditto,	595	84
1043		5 Ditto,	650	
1044	July	1 Ditto,	2183	59
1045	Aug.	1 Ditto,	2033	2
1046	Sep.	1 Ditto,	4027	96
1047	Oct.	2 Ditto,	1080	67
			17,390	29

ABSTRACT OF PAYMENTS

From the foregoing Orders.

DISTRIBUTION.

No.	1815.		Dolls.	C.	Dolls.	C.	
1036	Feb.	1	Samuel Richards, for sundry castings,	1481	80		
			Wages for January, 1815,	266	46		
1037	March	1	Wages for February,	264	60		
1038	April	1	George and Jacob Peterman, for horse feed,	21	94		
			Wages for March,	329	66		
1040	May	1	Blakely Barns, for lead and spelter,	36	22		
			Edward M'Dermott, 100 bushels of coals and hauling,	57			
			Joseph Peirson, for two loads of hay and 75 bundles of straw,	42	61		
			Frederick Graff, small bills paid to May 1, 1815,	47	50		
			Wages for April,	277	14		
1041	June	1	Richard Smith, for turning pump boxes, &c.,	14	87		
			Potts and Sexton, for sundry bar iron,	34	51		
			S. Gardner, for three rafts of logs,	750			
			Elizabeth Foulke, six months' stable rent, due May 6,	20			
			Isaac Cowgill, for one pair of new wheels and repairs of old,	16	25		
			Malcolm Murphy, for one pair of new tire and repairs of old,	49	87		
			Michael Riley, for shoeing horse, to April 25th,	10	43		
1042	June	1	Wages for May,	373	43		
1044	July	1	Joseph Warnick, for nails to May 8,	16	12		
			Coal Company, for 25 bushels of coals, at 45 cents, and hauling,	11	75		
			Wages for June,	583	78		
1045	Aug.	1	George and Jacob Peterman, for horse feed to July 28,	28	82		
			Jonas Smith, for hauling pipes of conduit,	47	50		
			Wages for July,	632	7		
1046	Sep.	1	William Somerville, for 19 iron frames and covers,	247			
			Jonas Smith, hauling pipes of conduit,	33	50		
			Wilmer Biddle, for hewing 28 pumps,	35			
			Wages for August,	564	14		
1047	Oct.	2	Joseph Peirson, for two loads of hay, and 25 bundles of straw,	44	56		
			Wages for September,	343	30		
			Frederick Graff, small bills paid to October 1,	4	37		
			Amount carried forward,			6,686	20

		Dolls.	C.	Dolls.	C.
		Amount brought forward,		6,686	20
CENTRE ENGINE.					
No.	1815.				
1036	Feb. 1	Thomas Morgan, for 16 gallons of neats oil, at 2 dolls.	32		
		Wages for January, 1815,	131	86	
1037	March 1	Wages for February,	115	50	
		Bornhurst and Walker, for 33 3-4 lbs brass castings,	20	25	
1038	April 1	Wages for March,	159	36	
1039		Frederick Graff, on account for the purchase of wood,	1200		
1040	May 1	Ditto, small bills, paid to May 1, 1815,	22		
		Ditto, on account for the purchase of wood,	200		
		Wages for April,	159	99	
1041	June 1	Elijah and John Dalett, for tallow,	100		
		Charles Donhoven, for extra work at centre engine,	50		
1042		Wages for May,	127	86	
1043	5	Frederick Graff, on account for the purchase of wood,	650		
1044	July 1	Ditto, for ditto,	1000		
		Wages for June,	146	50	
1045	Aug. 1	William Arrentrue, 299 lbs of candles,	28	49	
		Frederick Graff, on account for the purchase of wood,	1051	47	
		Wages for July,	117	38	
1046	Sept. 1	Frederick Graff, on account for the purchase of wood,	735	96	
		Wages for August,	195	7	
1047	Oct. 2	Christian Frank, for painting centre engine roof,	25		
		Wages for September,	93	50	
		Frederick Graff, on account for the purchase of wood,	137	67	
		Ditto, for bills paid to October 1, 1815,	7	87	
				6,507	73
LOWER ENGINE.					
1815.					
1036	Feb. 1	Thomas Morgan, for 16 gallons of neats oil at 2 dolls.	32		
		Wages for January, 1815,	99	55	
1037	Mar. 1	Wages for February,	85	40	
1038	April 1	William Somerville, for arch plate for boiler,	30	94	
		Wages for March,	94	55	
1040	May 1	Wages for April,	105	50	
		Elijah and John Dalett, for tallow,	97	20	
1042	June 1	Wages for May,	94	55	
1044	July 1	Wages for June,	91	50	
1045	Aug. 1	William Arrentrue, for candles,	28	49	
		Wages for July,	93	80	
1046	Sep. 1	Josiah Steel, cordage and wharfage of 408½ cords of wood,	57	19	
		William Rees, on account for hauling wood,	120		
		John Tuft, for 300 cords of wood, at 6 dolls. 50 cts.	1950		
		Wages for August,	90	10	
1047	Oct. 2	Wages for September,	81		
		Frederick Graff, for small bills paid to October 1,	38	40	
				3,190	17
Amount carried forward,				16,384	10

		Dolls. C.		Dolls. C.	
		Amount brought forward,		16,384 10	
SALARIES.					
No.	1815.				
1038	April 1	John Keith, four months' salary, due March 1,	5		
1039		Frederick Graff, on account of ditto, - - -	300		
1044	July 1	James Young, one year's salary, due July 1,	25		
		Frederick Graff, on account, - - -	300		
1045	Aug. 1	John Keith, four months' salary, due July 1, -	5		
1047	Oct. 2	Frederick Graff, on account of ditto, - - -	300		
			<hr/>		935
INCIDENTAL EXPENSES.					
1815.					
1036	Feb. 1	John Kissick, for allowance of substitute in the militia,	31	25	
		John Lighton, for ditto, - - - - -	26		
1044	July 1	Enos Bronson, for advertising, - - - - -	8	94	
1047	Oct. 2	Frederick Graff, for small bills paid to October 1,	5		
			<hr/>		71 19
			<hr/>		17,390 29

ABSTRACT OF PAYMENTS

MADE BY

THE WATERING COMMITTEE

From February 1st, 1815, to October 2d, 1815.

	Dolls.	C.	Dolls.	C.
Distribution, wages to workmen, laying pipes, digging pipe trenches, repairs to pumps, fire plugs, setting new ones, with materials,	6,686	20		
Centre Engine, working engines, wages, fuel, &c., - - -	6,507	73		
Lower Engine, ditto, ditto, - - - - -	3,190	17		
Salaries of superintendent and messenger, - - - - -	935			
Incidental expenses, advertising &c., - - - - -	71	19		
	<hr/>		17,3 029	

STATEMENT OF PIPE

Used in the Distribution from Feb. 1, 1815, to Oct. 2, 1815.

Geyer's Alley, in Eleventh below Mulberry Street,	110
In the Alms House yard,	80
Connections in Centre Square, with the new works pipes,	942
Eleventh from Locust to Spruce and in Spruce,	670
Currant Alley,	473
Lombard Street, and in Ninth to near South,	811
Twelfth, from Chesnut to George, and up George Street,	528
Vine, from Ninth to Thirteenth Street,	1750
Relief Alley, near South, between Second and Front Streets,	300
Mulberry, from Broad to Thirteenth Street,	555
Blackberry Alley, from Locust southward,	128
Hunter's Court, in Eleventh above Market,	216
South Hall Street, back of Mulberry between Eleventh and Twelfth Streets,	446
Two extra mains from the Reservoir eastward,	1142
Whalebone Alley, from Chesnut Street to Harmony Court,	398
	8549
Repairs in the Streets, and for fire plugs,	846
	9395
	<i>Feet</i>
Amount of timber in the pond, December 31, 1814,	2093
Purchased in 1815,	12363
	14456
Logs laid, as per statement, and in repairs,	9395
	5061
Deduct waste of timber, and doubtful pipes,	1993
	3068

Paid into the Treasury by the Superintendent for articles sold from
Feb. 1, 1815, to Oct. 2, 1815, for the Old Water Works.

		Dolls.	C.	Dolls.	C.
First Quarter, from January 1, to April 1, 1815.	Of Robert Ralston, for 200 cords of wood at 7 dollars, for the relief of the poor,	1400			
	James Vanuxem, for two cords of wood at 7 dollars,	14			
	William Arrentrue, for 144 bushels of ashes and nine loads of inferior ditto,	57	24		
				1471	24
Second Quarter, from April 1, to July 1, 1815.	Of Joshua Cresson, for the removal of a fire plug,	5	17		
	Alms House, 80 feet of pipe, cock &c., for ditto,	116	69		
	William Arrentrue, for 209 bushels of ashes,	70	12		
	13 and one quarter loads of cuttings of pipe timber,	13	25		
	James Vanuxem, for 50 pounds of gun borings, &c.	7	25		
				212	48
				1683	72

FREDERICK GRAFF,
Superintendent of the Water Works.

January 18th, 1816.

No. 4.

	<i>Dolls.</i>	<i>Cts.</i>
Amount of Duplicates of Water Rent for 1815, - - - - -	25,469	00
Less 10 per cent. for allowances and commissions, - - - - -	2,546	90
	22,922	10
Less 10 per cent. as above, - - - - -	<i>Dolls.</i> 2,546	<i>Cts.</i> 90
From which deduct the actual commissions and deficiencies, viz.		
Amount of Duplicates of 1815, - - - - -	25,469	00
Deduct allowances made to the collectors for delinquents, - - - - -	1,000	81
	24,468	19
Commission of four per cent. on the amount collected, - - - - -	978	72
Amounts twice charged in duplicates, - - - - -	21	31
Allowance made by the committee for errors, &c. - - - - -	197	50
Amounts outstanding and to be collected by suits by the city clerk, - - - - -	380	00
	1,577	53
	969	37
	23,891	47
Receipts of rents paid into the Treasury for issuing permits,		
For the First quarter from January 1, to March 31, - - - - -	46	28
Second ditto, April 1, to June 30, - - - - -	278	30
Third ditto, July 1, to Sept. 30, - - - - -	210	57
Fourth ditto, Oct. 1, to Dec. 31, - - - - -	119	22
	654	37
The delinquents of rents up to December 31, 1815, as reported by the several collectors, amounted to - - - - -	1000	81
Of which it has since appeared that the collectors' receipts were produced by six persons returned as delinquents, who had actually paid them, amounting to - - - - -	47	50
Three persons were also twice charged, - - - - -	21	31
There has been paid since to the city clerk, - - - - -	354	50
Allowances for errors &c., have been made by the committee amounting to - - - - -	197	50
Amount outstanding, to be recovered by suits by the city clerk, and to be accounted for by him, - - - - -	380	00
	1000	81
Received for repairing over water pipes and paid into the treasury,		
For the First quarter from January 1, to March 31, - - - - -	10	00
Second ditto, April 1, to June 30, - - - - -	55	00
Third ditto, July 1, to Sept. 30, - - - - -	54	00
Fourth ditto, Oct. 1, to Dec. 31, - - - - -	40	00
	159	00

Philadelphia, January 20, 1816.

JOSHUA ALLEN, City Clerk.

No. 5.

List of Dwellings, Manufactories and Institutions supplied with the Schuylkill Water, as per Register to 31st Dec. 1815.

	Rates.		Totals.
	Dolls.	C.	Dolls.
3 Back Buildings,	at 2	50	7 50
2747 Dwellings, schools, private stables, &c.,	5		13735
2 Ditto by contract,	6	50	13
1 Hatter Shop,			7
48 Dwellings north of Vine and south of Cedar streets,	7	50	360
7 Printing Offices and hydrants in Courts,	8		56
3 Cistern pumps and vinegar yard,	9		27
52 Banks, stables, &c.,	10		520
2 Soap factory and stables,	12		24
10 Hatters and inns,	13		130
43 Distilleries, carriers' shops, inns, stables &c.,	15		645
1 Hydrant pump,			16
1 Dye shop,			19
14 Distillers, hotels, stables, &c.,	20		280
2 Hydrant Pump, and a morocco factory,	22		44
2 Paper factory and livery stable,	24		48
11 Distillers, soap factory and stables,	25		275
1 Paper factory,			28
10 County goal, sugar and soap factory,	30		300
1 Malt distillery,			34
5 Tanyard, morocco factory and brewers,	35		175
5 Hydrant pumps, distillery and stable,	40		200
2 Brewers,	44		88
7 Pennsylvania Hospital and brewers,	50		350
1 Distillery,			60
1 Public bath,			80
1 Almshouse,			100
2983 Dwellings, &c.,			17621 50
228 Private baths,	3		684
194 Horses kept on premises,	1		194
			18499 50

Philadelphia, January 1, 1816.

JOSHUA ALLEN, City Clerk.

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Philadelphia, January 20, 1816.

JOSHUA ALLEN, City Clerk.

