

**JOURNAL**  
**OF THE**  
**SELECT COUNCIL**

**OF THE**  
**CITY OF PHILADELPHIA,**

**FOR 1842-43.**

**BEGINNING OCTOBER 14, 1842,**

**AND**

**ENDING SEPTEMBER 29, 1843.**

-----  
**WITH AN APPENDIX.**  
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**PHILADELPHIA:**  
**J. CRISSY, PRINTER, NO. 4 MINOR STREET.**  
**1843.**

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## NUMBER XII.

## ANNUAL REPORT

OF THE

## WATERING COMMITTEE

TO THE SELECT AND COMMON COUNCILS.

The Watering Committee respectfully present to Councils their Annual Report and Accounts for the year.

It will appear by the Report of last year, that the estimate for the support of the Works in 1842, amounts to \$23,500 00

The expenses of the year 1842, were as follows:

For the Distribution, . . .	\$3569 65	
Fair Mount Works, . . .	8634 86	
Iron Pipes, . . .	5091 68	
Water Power, . . .	2453 94	
Incidentals, . . .	548 07	
Salaries, . . .	4090 00	
		<u>24,388 20</u>

Making an excess over the estimate of \$888 20

On examination of the Report of the last year—for 1841—the Accounts show a surplus of \$1798 25, from which was reserved \$600 for the payment of filling 5000 yards of earth in the quarry north of the Reservoirs, then under contract, and for the repairs of the south face of the mound-dam, injured by the freshet on the night of the 24th December, 1841, this sum not having been allowed, together with the expense of placing

an iron railing and granite work along the forebay, not included in the estimate, and additional expense in painting the Works, which have caused the excess mentioned, it being the first trespass over the estimate for many years.

During the year; only 3083 feet of iron pipes were laid, which added to the former quantity, will make the whole distance now laid in the City, 64 $\frac{3}{8}$  miles.

Many of the stop-cocks having been in use since the commencement of the introduction of iron pipes in 1819, have become defective by wear and rust of the threads of the screws which raise the valves. The experiment of repairing them without taking out the cocks, was made and found successful, since which upwards of 80 have been repaired, and provision is now making for the renewal of 350 screws additional during the next summer. "By a report on the subject of stop-cocks, made to a select committee of the House of Commons in 1821, it is stated, that the cost for the renewal of the screws and fresh facing the doors or valves, may be considered as being equal to a complete renewal of that portion of the capital in every ten years." On examination of our valves, some of which have been in use upwards of twenty years, they are still found to be good. The supposed cause of decay to the facing of the valves in England is not mentioned, which must be attributed to some mineral substance connected with the water, from which ours is free. As an evidence, many of the cocks we have repaired with new screws, were imported, the valves of which are still perfect.

Councils having authorized the construction of two additional wheels and pumps, and eight sets of forebay framing and gates, proposals will be issued for their erection, and every exertion made to have the whole completed early in the next season.

The iron pipes and fire-plugs in the City and Districts, are as follows:

Pipes in the City, 64 $\frac{3}{8}$ miles.	Fire-plugs in the City, 524
Do Districts, 50 $\frac{7}{8}$ "	Do Districts, 531
Together, <u>115<math>\frac{1}{4}</math></u>	Together, <u>1055</u>

The amount of revenue by duplicates for 1842, as per last Annual Report, per Register's Account No. 3, without deducting commissions for collection, and loss, was . . . . \$141,339 50

The amount paid into the Treasury, after deducting commissions, &c., as per Balance Sheet of Register, is . . . . \$139,682 97

The amount of revenue as per duplicates for 1843, per Register's Statement No. 3, is as follows:

City, . . . . .	\$71,703 75
Spring Garden, . . . . .	24,335 00
Northern Liberties, . . . . .	26,219 50
Kensington, . . . . .	5,003 75
Southwark, . . . . .	16,392 25
Moyamensing, . . . . .	4,671 00
	<hr/>
	\$148,325 25
Rent of the Wharf at Fair Mount,	75 00
	<hr/>
Together,	\$148,400 25
From which deduct annual appropriation to Sinking Fund, as per Ordinance of 27th Feb'y., 1840, \$20,000 00	
Ditto, 20th Jan. 1842, 12,000 00	
	<hr/>
	\$32,000 00
And estimated am't. of expense in 1843, . . . . .	48,480 00
	<hr/>
	80,480 00
	<hr/>
Balance that may be taken in aid of Taxes,	\$57,920 25
	<hr/>
The increase of water rents by new permits, in 1842, is as follows:	
City and Districts, . . . . .	\$9,843 00
Deduct rents declined, &c., . . . . .	2,787 75
	<hr/>
Amount of increase,	\$7,055 25
	<hr/>
The routine of the general concerns of the Works being so similar to former years, little can be added, excepting that every precautionary care and economy has been used in securing the work for the season.	
The sum appropriated by Councils for the repairs of the Dam, amounts to . . . . .	\$60,498 36
Of which there has been expended, to December 27, 1842, . . . . .	39,523 20
	<hr/>
Leaving for the completion of the work in 1843,	\$20,975 16
	<hr/>
There has been expended for the Dam, since the settlement of the Accounts for 1842, for wages, &c.,	\$526 61
	<hr/>

## ESTIMATE FOR THE YEAR 1843.

*Current Expenses:*

For working the machinery, fuel, and materials, . . . . .	\$3,000 00	
For wages, lumber, castings, pumps, &c., for distribution, . . . . .	5,000 00	
For Salaries, . . . . .	3,900 00	
For the payment of taxes and incidentals, . . . . .	2,500 00	
	<hr/>	\$14,400 00

*Permanent Expenses:*

For 2 water-wheels, pumps, ascending mains, &c., . . . . .	\$25,000 00	
For 5 sets of forebay gates, and materials, . . . . .	3,000 00	
	<hr/>	28,000 00
For iron pipes and repairs to stop-cocks, . . . . .		4,000 00
For grass-sodding, filling, levelling, and fencing on the south side of the Reservoirs, . . . . .		1,280 00
For general carpentry and other jobbing to the mill-wheels, buildings, fences, &c., including lumber, nails, &c., . . . . .		800 00
		<hr/>
		\$48,480 00

Annexed is the Report of the Superintendent for rebuilding the Dam, which was laid before the Building Committee, and referred by them to the Watering Committee to be submitted to Councils.

*Report of the Superintendent for Rebuilding the Dam.*

GENTLEMEN:

I have the honour to submit to you the following report of the present condition of the work committed to my charge.

The work on the Fair Mount Dam was opened with a small force on the 2d of May of the present year, but in consequence of the water holding up too high for our operations, the raising of the coffer-dam was delayed until after the middle of the month. On stripping the old dam of the backing, the oak planking on the up-stream slope was found to be much decayed, particularly on the lower side, and in many places entirely through; the white pine plank on the down-stream slope, which has been in use about twelve years, were comparatively

sound, but much worn by the action of the water and other matter passing over them; they were used in the construction of the coffer-dams erected during the past season:—the longitudinal timbers upon which the planking was secured, together with the blocking courses down to the square, were completely decayed, and would have fallen had they not been supported by the stone: from the lower angle downward the decay in the timber showed a gradual diminution to within two courses of low water, where it was found to be completely sound, and but little worn by the action of the ice and water:—a part of the lower courses of the old dam were connected by tree nails or trunals of oak, and where the hemlock of which the dam was composed was found to be in a state of decay, the pins were in like condition; and it is my opinion that the great amount of decay in the timber above high water, was mainly caused by the want of ventilation, as in the confined hold of a ship, the front of the dam being planked close from the angle to low water, thereby preventing the escape of the heated air confined in the upper part of the dam. The iron bolts in all cases were in a perfect state of preservation, and when first drawn from the wood, had the appearance of bolts clean from the forge; these bolts, after the necessary alteration, were equal in all respects to new bolts, and were used in the construction of the new dam.

All the stone filling in the back range of cribs in the old dam, was found to be perfect, and also those in the front range, with the exception of five cribs; in two of them the stone had sunk below low water, in the other three only partially so; this loss of stone was caused by the wide spaces left between the timbers at those points below low water, and small instead of large stone being thrown into them: the proper remedy to prevent a recurrence has been resorted to, by running down timber at those places, and filling against them with large stone as high as low water. For nearly the whole distance from the eastern abutment to the rocks, a log platform has been laid over the front course of cribs, to prevent the weight of the upper filling from forcing outwards on the timbers below,—as the stone could not be regularly walled, but merely thrown into them, in which they often act as a series of wedges outward.

The crib foundation on which the eastern abutment is erected, is perfectly sound, as far at least as has been exposed to view; there can be no doubt of any part of it which is below low water.

By chance or design two white pine logs had been placed in the face of the old dam near the high water line, about one hundred feet from the eastern abutment, which was found, on being removed, to be perfectly sound and as lively as when

first placed in the work, while the hemlock timber on the same course was in a state of decay, showing clearly the superior durability of white pine timber in exposed situations, over that of hemlock.

The foundation cribs across the channel of the river to a distance of 380 feet, and extending up-stream from 5 to 20 feet above the back course of the superstructure, so far as was uncovered, showed no signs of decay;—their depth below the original surface line of water is an average of  $8\frac{66}{100}$  feet:—it was thought advisable, for the more secure connexion with the old cribs, to extend the ties 5 feet back on them, and to add an additional longitudinal course of timber, thereby making the new superstructure, for a distance of 380 feet in length from the eastern pier, 5 feet wider than it was originally built; at the end of this distance the new dam is again reduced to the original width of the old foundation, there being a space from this point to the rocks that a foundation for the additional width could not be obtained.

As the new superstructure has progressed under the eyes of the gentlemen of the Committee, with the plan of which they are perfectly acquainted, I therefore think it unnecessary to enter into the details of its construction.

There is now finished  $635\frac{25}{100}$  feet in length from the eastern pier, crossing the whole channel of the river, and extending about 200 feet upon the rocks above the low water line; there remains to be done during the coming season 530 feet, making the whole length of the new overfall  $1165\frac{25}{100}$  feet. The portion of the dam finished, embraces all the difficult and most expensive part of the whole work, owing mainly to having its foundation at low water line. Great delay in the progress of this part of the work has been experienced, in consequence of the limited period of time allowed to work at each tide, in removing the old materials as well as in laying the foundation for the new superstructure. This delay will not, however, be experienced in the section of the dam yet to be removed, the foundation of which is between 3 and 4 feet above low water, thereby allowing about 8 hours for work during each tide, in place of from 1 to 2, as was the case in the section now finished.

In addition to the wood work completed during the past season, as you are aware, the western abutment of the dam has been erected, and also two new ice breakers, one on each side of the river; it was thought advisable to do so, that the abutment should have an opportunity of seasoning before coming in contact with the water. We have also laid in the stone for the commencement of the coffer-dam for the next section, and deposited a large body of it at a convenient point for filling the return section connecting with the western pier.

There has been consumed in the finished portion of the work, 45,898 feet of white pine timber as contracted for; in addition to which, 2,666 feet of timber which would not hold contract size, and received at a reduced price, has been used in the piers for the coffer-dams, and in platforms in the foundations of the new superstructure, making the whole amount of white pine timber used, 48,564 feet.

The timber required for the completion of the dam will be 23,200 feet, being less than the half of the quantity already used; the portion of the dam to be constructed being 3 courses of timber less in height than that already done, the labour and all materials will of course be in the same proportion. Judging from the operations of the past season, I am of the opinion that the entire distance of 433 feet from the termination of the section already finished to the angle, may be constructed within one coffer-dam, with perfect safety as regards danger from freshets, and also at much less expense both of time and money; it will at the same time allow the whole western division of the dam to progress without any other interruption than what may be caused by freshets or bad weather.

The return section uniting with the western abutment, will require no other protection than a slight water-break when at common height, as the old dam on that section will remain until the new superstructure is ready for backing. It will be seen that by this arrangement a large amount will be saved, at least 20 per cent. upon the cost of the labouring work, and delay in time avoided, which would be caused by dividing the distance.

The space occupied on the overfall by the coffer dam just removed, was 417 feet, being but 48 feet less in length than the one proposed, which is a matter, in my opinion, of but little account, as the coffer-dams are so constructed as to admit of the water flowing over them with perfect safety.

The following is the amount of money expended during the present season, up to December 20th, 1842. In this amount is included all the materials for completing the whole work, the balance of which remains on hand ready for the spring commencement, with the exception of a small quantity of 2 inch plank, and iron for bolts, which will be found in the estimate for the next season's operations.

You will please to observe, that the prices for the work and materials, in the estimate for the next season, are founded upon the actual cost of the same kind of work done, and materials used the past season: the planking as well as all labouring work, is rated per foot lineal on the portion of the dam completed, and on the log work by the foot, surface measure, on the timber used.



*The amount of money expended on the Fair Mount Dam during the season, up to December 20th, 1842, viz:*

77 398 feet white pine timber, at 11 cents, . . . . .	\$8,512 79	
182,209 feet oak deck plank, at \$24, selected timber, from the butts of the trees, . . . . .	4,373 01	
80,430 feet of 2 inch white pine plank, at \$21, . . . . .	1,689 03	
		<u>14,574 83</u>
Sundry bills of lumber, . . . . .	1,211 26	
Wharf-builders and carpenters, . . . . .	3,545 97½	
Labouring work, . . . . .	12,671 46½	
A. Baily's contract for western abutment, . . . . .	2,045 14	
Iron, boats, scow, tools, and various other bills, . . . . .	4,224 53	
Superintendent's salary, . . . . .	1,250 00	
		<u>24,948 37</u>
		<u>\$39,523 20</u>

*Estimate for completing the work.*

23,200 feet of timber laid, at 5½ cts.,	\$1,218 00	
530 feet of planking, at \$1 56,	826 80	
530 feet coffer-dam paving, and all labour connected with removing old dam and filling the new one, at \$20 00,	10,647 70	
10,000 feet 2 in. plank, \$21 per 1000,	210 00	
3000 rough plank, at \$15,	45 00	
4½ tons of iron, at \$80,	360 00	
1500 lbs. wrought spikes, at 6½ cents,	97 50	
1600 lbs. cut spikes, at 5½ cents,	88 00	
Smith work, . . . . .	300 00	
Superintendent's salary, . . . . .	1000 00	
		<u>14,793 00</u>
		<u>\$54,316 20</u>

Making, for the whole cost of Dam, \$54,316 20

*Timber remaining on hand.*

	FEEET.
White pine, face measure, . . . . .	31,492
Required for completing, . . . . .	23,200
	<u>8,292</u>
Showing a surplus of . . . . .	<u>8,292</u>

Oak deck plank on hand, superficial measure, . . . . .	82,500
Required for completing, . . . . .	81,150
	<hr/>
Showing a surplus of . . . . .	1,350
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White pine plank, 2 inch, required to complete, . . . . .	37,440
Plank on hand, . . . . .	27,904
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Showing a deficiency of . . . . .	9,536
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This deficiency has been caused by the extra width of the Dam over the channel, and lining the deck extending upstream beyond the superstructure, which was not at first contemplated.

All of which is respectfully submitted.

[Signed] F. ERDMANN,  
*Superintendent of the Fair Mount Dam.*

In conclusion, your Committee have the pleasure to believe that the supply of Water which has been distributed in the City and Districts, since the erection of the present Works, has not been excelled in any country, nor afforded at so reasonable a rate. We now supply 25,816 Tenants, including Manufactories, the average of which will not exceed \$5 71 per annum; while the income derived from the Works is fully adequate to defray the expenses of the repairs to the Dam, new Wheels and Pumps to be erected in 1843, and leave a surplus that may be appropriated for the extension of Iron pipes, or for other improvements, should such be deemed expedient.

JOHN P. WETHERILL,  
M. NEWKIRK,  
CHARLES GILPIN,  
JOHN TRUCKS,  
HENRY C. CORBIT,  
JAMES J. BOSWELL,  
OWEN SHERIDAN,  
H. RODNEY.

LIST OF CERTIFICATES FOR MONEYS

DRAWN BY THE

WATERING COMMITTEE  
FOR FAIR MOUNT WATER WORKS,

*From December 31, 1841, to December 31, 1842.*

No.	1842.		D.	C.
1	Feb'y. 1,	In favour of Frederick Graff,	585	25
2	March 1,	Do do	752	13
3	April 1,	Do do	1922	02
4	16,	Do do	1808	57
5	May 2,	Do do	1386	47
6		Do do	417	62
7	30,	Do do	7143	10
8	June 1,	Do do	3455	01
9	2,	Do do	1225	76
10	9,	Do do	1885	38
11	23,	Do do	2451	72
12	July 1,	Do do	2904	39
13	7,	Do do	1874	88
14	21,	Do do	2577	02
15	22,	Do do	3442	08
16	August 1,	Do do	1458	96
17	5,	Do do	1719	14
18	18,	Do do	1918	40
19		Do do	815	77
20	Sept'r. 1,	Do do	775	04
21		Do do	995	63
22	15,	Do do	1998	03
23	29,	Do do	2634	60
24	Oct'r. 1,	Do do	1887	92
25	8,	Do do	1393	03
26	13,	Do do	1427	43
27	27,	Do do	888	00
28	Nov'r. 1,	Do do	814	95
29	10,	Do do	944	28
30	24,	Do do	3129	84
31	Dec'r. 1,	Do do	942	69
32	8,	Do do	1044	28
33	19,	Do do	794	94
34	23,	Do do	1957	71
35	27,	Do do	1939	96
36	28,	Do do	599	11
			<b>63911</b>	<b>40</b>

## ABSTRACT OF PAYMENTS MADE UNDER THE FOREGOING CERTIFICATES.

## Distribution.

No.	1842.		D.	C.	D.	C.
1	February	1,	Wages for January,		244	70
2	March	1,	Martha L. Adams, 6 months' ground rent, due February 1st,		13	32
			Sigmond Hogeland, for 16 Cwt. 1 qr. of hay,		12	00
3	April	1	Wages for February,		200	30
4	May	2,	Wages for March,		254	65
			Wages for April,		236	47
5	June	1,	George C. Williams, for 22 Cwt. of hay,		18	70
6	July	1,	John Agnew, for a set of tool barrow wheels,		16	00
			Wages for May,		239	40
7	August	1,	Wages for June,		142	50
			Tingley & Burton, for 46½ yards of packing cloth,		10	28
			Reeves & Whitaker, for nails and spikes,		32	50
			Reese Conrad, for 25 Cwt. 1 qr. of hay,		18	25
			William Carman, for 7510 feet 1¼ inch pine boards,		206	15
			James Wilson, for 3 tons of coal for the office,		12	72
			Wages for July,		219	88
8	Sept'r.	1,	Wages for August,		216	04
			Martha L. Adams, 6 months' ground rent, due August 1,		13	32
			George W. Briggs, for County and State tax, for 1842,		9	64
9	October	1,	Harbert & Davis, for sundry lumber, to August 30,		48	45
			Wages for September,		206	30
			James Wilson, for 236 bushels smith's coal, delivered,		65	7½
10	Nov'r.	1,	Wages for October,		219	55



No	1842.		Amounts brought forward,	D. C.	D. C.
6	May	2,	Thomas Evans, for sundries for the Corporation, April 28th,	1599 06	3569 65
8	June	1,	William French, for repairs to rough-casting, scaffolds, &c.	250 00	
			James M'Closkey, for new curbstone, and re-setting old,	37 50	
			Wages for May,	44 37	
9		2,	Euston & Weer, for painting all the work at Fair Mount,	926 20	
10		9,	Wetherill & Brother, for 5307 lbs. white lead, for painting the Works,	1225 76	
12	July	1,	Wages for June,	521 89	
			Aaron Wolff, for sundries for Corporation, April 28th,	548 75	
			William Carman, for 3735 feet lumber, for fences and wheels,	38 00	
13	August	1,	Wages for July,	112 30	
20	Sept'r.	1,	Wages for August,	210 86	
			Philip M. Price & Co., for surveying Biddle Street,	115 56	
23		29,	Harbert & Davis, for sundry lumber, to August 30th,	18 00	
24	Oct'r.	1,	Wages for September,	75 00	
			P. Luciani, for 108 perches stone for mound dam,	197 73	
28	Nov'r.	1,	Wages for October,	54 00	
			Julius Fink, for 26 feet stove pipe for mill-house,	97 87	
			Euston & Weer, for painting fence near the bridge,	14 85	
			William Clements, for 175 yards marsh mud, for mound dam,	6 80	
			Owen Sheridan, for hack hire, from Nov. 23, 1841, to September 29, 1842,	43 75	
30		24,	Joseph Whisler, for Corporation, Watch and Lamp tax, for 1842,	105 00	3301 00
31	Dec'r.	1,	Wages for November,	1957 00	
			William Leonard and William Beal, Constables at Fair Mount,	46 75	
33		19,	Harbert and Davis, for 1017 feet boards, to cover fountain,	82 00	
			Charles Fox, for 1600 bricks for pavement, &c.,	30 51	
			G. Zantzing, for 12 gallons wine, for office at Fair Mount,	13 10	
35		27,	Keiser & Longstreth, for 1500 feet of joist,	48 00	
			G. Zantzing, sundries for Councils, December 21,	26 55	
			G. W. Brown, do do	12 00	
			do do	14 00	
			William T. Carter, for hack hire, from December 20, 1841, to December 7, 1842,	88 00	
			Owen Sheridan, for hack hire, from October 5, to December 23, 1842,	74 00	
					8634 86

## Iron Pipes.

1	Feb'y.	1,	Wages for January,	162 50
2	March	1,	Wages for February,	149 54
3	April	1,	Wages for March,	167 75
5	May	2,	Wages for April,	141 12
7		30,	P. L. & A. Fassitt, for 7082 lbs. lead, at 3 $\frac{1}{4}$ cents per pound,	230 17
8	June	1,	David C. Wood, for iron pipes and castings, per contract,	1896 07
			Wages for May,	136 50
12	July	1,	Wages for June,	626 00
			John Mingle & Son, for 445 lbs. brass castings, for cocks, &c.,	133 54
16	August	1,	James Rowland, for wrought iron, from February 14th,	116 18
			Henry Hill & Co., for spades and shovels, and hardware,	55 15
			Edger G. Steever, for plumber's work to pipes in Walnut Street,	25 00
			J. P. Morris & Co., for iron castings,	30 59
			Wages for July,	181 75
17		5,	William Ker, for hemp, spun yarn, and chandlery,	59 65
20	Sept'r.	1,	Wages for August,	255 25
24	October	1,	Wages for September,	169 75
28	Nov'r.	1,	Wages for October,	166 88
31	Dec'r.	1,	Wages for November,	136 50
32		27,	James Rowland, for wrought iron,	71 79
			E. Dallett & Co., for tallow,	18 13
			Henry Hill & Co., for hardware,	92 79
36		28,	Wages for December,	159 13

Amount carried forward,

5091 68

17296 19

No.		Amount brought forward,	D.	C.	D.	C.
		<b>Water Power.</b>			172	96 19
1	Feb'y.	1. Wages for January,	178	25		
2	March	1 Wages for February,	161	00		
3	April	1 Wages for March,	203	25		
5	May	2 Wages for April,	172	50		
6	June	1 Wages for May,	163	91		
41		23. James Wilson, for 54 tons Schuylkill Coal, delivered,	167	40		
42	July	1 Wages for June,	142	50		
		Shober & Bunting, for 40 gallons lamp oil,	38	00		
46	August	1 Wages for July,	147	25		
20	Sept'r.	1 Wages for August,	147	25		
24	October	1 Wages for September,	142	50		
26	Nov'r.	1 Wages for October,	147	25		
31	Dec'r.	1 Wages for November,	142	50		
33		19. Isaac P. Morris & Co., for new piston lid for pump No. 6,	10	90		
		Shober & Bunting, for 29½ gallons lamp oil,	25	08		
85		27. William Ker, for chandlery,	111	90		
		C. Dallett & Co., for 5 casks of tallow,	83	60		
		Wetherill & Co., for oils, paints, black lead, &c.,	121	50		
36		28. Wages for December,	147	25		
					2453	94



## Incidentals.

5	May	2,	G. Wevill, for repairs to blinds and carpet in Register's office,	8 00
			Wright, Hunter & Co., repairs to gas pipes, Register's office,	12 50
			F. Sharpless, for table cover for Register's office,	16 25
			J. B. Lippincott, for water rent book and stationary,	72 18
			James Crissy, for ditto, printing notices, &c.,	55 50
	8	1,	Jacob Ridgway, overcharge for water rent refunded,	3 76
	12		N. Gordon, do do	5 25
	14		Samuel W. Rush, incidental expenses of the Committee,	50 00
	16	1,	Jacob Hammill, allowance of water rent,	25 00
	5		Enoch Thorn, for book-stand for Register's office,	6 56
			G. W. Harvey, for serving delinquent notices,	10 00
			W. Dougherty, do do	10 00
	17	5	Mathew Newkirk, allowance of water rent refunded,	108 00
	24	1,	F. J. Moore, \$1 36, and E. Duket, \$11, allowance of water rent,	12 36
			James Crissy, stationary, &c., for Register's office,	14 50
	28	1,	Charles Shaw, allowance of water rent,	10 00
	31	1,	H. Chester, do	5 25
			Jacob W. Clarke, do	1 50
			G. W. Carpenter, do	1 00
	33	19	J. B. Lippincott, stationary, &c., for Register's office,	36 46
	34	23	S. W. Rush, for incidental expenses of the Committee,	25 00
	36	28,	Lydia R. Bailey, for stationary, &c.,	59 00

Amount carried forward,

20298 20

No.	1842.		Amount brought forward,	D. C.	D. C.
			<b>Salaries.</b>		20298 20
3	April	1,	Samuel W. Rush, one quarter, due April 1st, . . . . .	375 00	
			George W. Harvey, do do . . . . .	90 00	
			Frederick Graff, do do . . . . .	500 00	
12	July	1,	Samuel W. Rush, do do . . . . .	375 00	
			George W. Harvey, do do . . . . .	100 00	
			Frederick Graff, do do . . . . .	500 00	
			Frederick Graff, Jr., do do . . . . .	75 00	
24	October	1,	Samuel W. Rush, do do . . . . .	375 00	
			George W. Harvey, do do . . . . .	100 00	
			Frederick Graff, do do . . . . .	500 00	
			Frederick Graff, Jr., for two months' salary, due October 1st, . . . . .	50 00	
35	Dec'r.	27,	Samuel W. Rush, one quarter, due December 1st, . . . . .	375 00	
			George W. Harvey, do do . . . . .	100 00	
			Frederick Graff, do do . . . . .	500 00	
			Frederick Graff, Jr., do do . . . . .	75 00	
					4090 00
			<b>Fair Mount Dam.</b>		
4	April	16,	William Carman, for 2 inch plank, per contract, . . . . .	1400 00	
5	May	2,	Lewis Ourt, for smith's bellows, for shop at Fair Mount, . . . . .	10 00	
			John Dugee, for 2C wheelbarrows, at \$4, . . . . .	80 00	
6			John Glenn, for a wharf builder's boat, and fixtures, . . . . .	50 00	

		James Mitchell, for a 4 feet grindstone,	18 25
		R. M'Coy, for a timber marking axe,	3 50
7	30,	P. Luciani, for 260 58-100 perches stone, put on the dam,	130 29
		F. Erdmann, for wages, from May 2d, to 11th, inclusive,	151 43
		Do do 12th, to 25th, inclusive,	560 40
		P. Luciani, for 347 44-100 perches stone, delivered on the dam,	173 72
		William Carman, for balance in full of 2 inch plank,	229 02
		Do on account, for wharf timber, and oak deck plank,	5608 07
8 June	1,	Bowlby & Benners, for augers for the dam,	7 30
10	9,	F. Erdmann, for wages, from May 26th, to June 8th,	863 49
		Abraham Baily, on account, for building pier west end of the dam,	500 00
11	23,	F. Erdmann, for wages, from June 9 to 22d,	1052 98
		Abraham Baily, on account, for building pier,	500 00
		Kiem & Whitaker, for wrought iron, and spikes,	477 09
		George Stockham, for a scow,	250 00
		George Humes, for boat hook, and axe handles,	4 25
12 July	1,	A. B. Cooley, for 22 casks hydraulic lime, at \$2 60 $\frac{1}{2}$ ,	57 31
13	7,	F. Erdmann, for wages, from June 23d, to July 6th,	828 13
		Abraham Baily, balance in full for building pier west end of the dam,	1011 50
		D. W. Hughes, for tweir iron for smith's forge,	5 00
		Thomas Brown, for 11 kegs blasting powder,	30 25
14	14,	Willtam Carman, on account, for oak deck plank,	1326 95
		F. Erdmann, for services, one-third payment of 1842,	416 67
		Do for wages, from July 7th to 20th,	783 40
15	22,	William Carman, on account, for wharf timber,	2535 18
		Do for 29,338 feet refuse coffer-dam plank,	606 90
16 August	1,	James Rowland, for crowbar and wrought iron,	50 00
		Reeves & Whitaker, for nails and spikes,	30 00
		Henry Hill & Co., for spades, shovels, &c.,	71 05
17	5,	F. Erdmann, wages, from July 21st, to August 3d,	1318 04
		William Ker, for ropes, tackles, and chandlery,	113 75
		A. M. Jones, for 18 kegs of 10 inch spikes,	119 70
18	18,	William Carman, balance in full, 77,389 feet timber,	1269 16
		<b>Amount carried forward,</b>	<b>23102 78</b>
			<b>24388 20</b>

No.			Amounts brought forward,	D. C.	D. C.
				23102 78	24388 20
18	August 18,	William Carman, on account, for oak deck plank,		446 80	
		Do in full for 9640 feet 5 inch pine plank,		202 44	
19		F. Erdmann, wages from August 4th, to 17th,		730 69	
		Keim & Whitaker, in full for wrought iron,		85 08	
21	Sept'r. 7,	G. Erdmann, for 3 months' and 20 days' services at the dam,		165 81	
		Bowlby & Benners, for augers, axe, &c.,		19 20	
		J. Nicholls, for a cross-cut saw,		5 00	
		F. Erdmann, for wages, from August 18th, to 31st,		805 62	
22	15,	Keim & Whitaker, for 4 Cwt. 10 qrs. 25 oz. bar iron,		368 12	
		F. Erdmann, for wages, from September 1st, to 14th,		1629 91	
23	29,	John Dugee, for 12 wheelbarrows,		48 00	
		F. Erdmann, for second payment for services at the dam,		416 66	
		Harbert & Davis, for sundry lumber, to August 30,		171 16	
		T. Brown, for 3 kegs blasting powder,		8 25	
		Michael Towers, for expenses on survey of the dam, in July,		10 00	
		John Glenn, for a boat and fixtures,		50 00	
		F. Erdmann, for wages, from September 15th, to 27th,		1807 13	
25	October 8,	William Carman, for balance, 181,932 feet oak deck plank,		1393 03	
26	13,	Do for 4295 feet of lumber, ropes for rafts, &c.,		145 10	
		F. Erdmann, for wages, from September 28th, to October 11th,		1282 33	
27	27,	Do do October 12th, to 25th,		825 00	
		R. Harding, for rent of landing for wharf timber,		63 00	
29	Nov'r. 10,	F. Erdmann, for wages, from October 25th, to November 8th,		944 28	
30	24,	John Dugee, for 18 pick handles,		3 37	
		Keim & Whitaker, for 2 Cwt. 5 qrs. 3 lb. 8 oz. of bar iron,		186 93	
		John Glenn, for 1 pair boat oars,		2 50	
		F. Erdmann, for wages, from November 9th, to 22d,		980 01	
31	Dec'r. 1,	William Carman, for 11,515 feet lumber, oak, and white pine,		264 14	
32	8,	F. Erdmann, for wages, from November 20th, to December 6th,		1044 28	
33	19,	Harbert & Davis, for 17,778 feet boards, plank and joist,		236 46	
		Isaac Wilson, for 150 bushels smith's coal,		41 50	
		Curtis & Hand, for 6½ doz. shovels,		71 50	
34	23,	F. Erdmann, for wages, from December 7th, to December 20th,		1503 04	

27, F. Erdmann, for third payment for services at the dam, . . . . .  
 G Hume, for 6 setting poles, . . . . .  
 Williams & Hinds, for stove for Mr. Erdmann's office, . . . . .  
 William Ker, for chandlery, . . . . .  
 Reeves & Whitaker, for nails and spikes, . . . . .

416 66  
 6 00  
 7 01  
 55 63  
 78 75

39523 20

63911 40

1842.			D. C.	D. C.
<b>Abstract of Payments made by the Watering Committee,</b>				
<i>From December 31, 1841, to December 31, 1842.</i>				
		Distribution,	3569 65	
		Fair Mount Works,	8634 86	
		Iron Pipes,	5091 68	
		Water Power,	2453 94	
		Incidentals,	548 07	
		Salaries,	4090 00	
		Fair Mount Dam,	39523 20	
				63911 40
<hr/>				
<b>Sums paid into the Treasury,</b>				
<i>From December 31, 1841, to December 31, 1842.</i>				
Feb'y.	4,	For 208 perches, quarry leave,	26 00	
March	4,	472 do do	47 20	
April	11,	145 do do and a cock spindle,	18 23	
June	7,	233 do do	23 30	
July	1,	197 do do	19 70	
August	5,	Refunded, overdrawn in Certificate No. 16,	10 00	
Nov'r.	3,	For 251 perches stone, quarried, and for sundries,	36 68	
	28,	For amount saved by purchase of relief notes, to pay F. M. state tax, for 1842,	26 60	
Dec'r.	16,	For 106 perches quarry leave, and for wood, pipes, &c.,	18 93	
	28,	For shifting a hydrant pump, in Eleventh below Walnut Street,	20 50	
				247 14
		1612 perches.		

Account of Iron Pipes.

	Inch	Feet	Feet	Feet.
Iron pipes laid in former years, commencing October, 1819, to December 31st, 1841,				335866
<i>Iron Pipes laid in 1842.</i>				
In an Alley running south from Ann Street, between Twelfth and Thirteenth Street,	2		90	
Quince Street, from Pine Street, northward,	3	236		
Watts' Street, running from Schuylkill Third Street, below Pine Street,			83	
Clare Alley, from Perry to Juniper Street,			145	
Norman's Alley, from Thirteenth Street, westward,			150	
Jones' Alley, above High, from Schuylkill Fourth to Fifth Streets,			420	
			1134	
Branches to Fire Plugs, and side connexions on Walnut Street, from Broad to Twelfth Streets,	4	150		
Branches to Fire Plugs, and repairs to culvert in Vine Street,			86	
			236	
Extended pipes in Walnut, west of Schuylkill Third Street,	6	93		
Walnut Street, from Eleventh to Twelfth Street, and connexions,			450	
			543	
Walnut Street, from Broad to Twelfth Street,	12		1080	
			3083	
Being upwards of 64 3-8 miles,				333949

Estimate for the year 1843.

	D.	C.	D.	C.
<i>Incidental Expenses.</i>				
For the support of the distribution,	5000	00		
For working machinery, fuel and materials,	3000	00		
For salaries,	3900	00		
For taxes, whitewashing fences, and incidentals,	2500	00		
Annual current expenses,			14400	00
<i>Permanent Expenses.</i>				
For 2 water wheels, pumps, ascending mains, &c.,	25000	00		
For 8 sets of forebay gates, and materials,	3000	00		
			28000	00
For iron pipes and repairs to stop-cocks,			4000	00
For grass sodding, filling, levelling, and fencing on the south side of reservoirs,			1280	00
For general carpentry, and other jobbing to the mill wheels, buildings, fences, &c., including lumber nails, &c.,			800	00

## Particulars relating to the Fair Mount Water Works.

The Consumption of water in the City and Districts, during the year 1842, was as follows:

	Gallons.
From Jan'y. to April, a term 13 weeks, the supply averaged, per day,	3,679,800
From April to July, do do	4,468,328
From July to October, do do	5,204,288
From October to December, do do	3,837,505

Being an average daily supply for the year, of 4 297,480 gallons—148,150 gallons per day less than the supply of 1841, and equal to 167 gallons to each tenant.

	Tenants.
The above supply of water was distributed as follows:	
To 13,138 tenants who pay for the water in the City, and to 3300 families who receive a supply of water without charge from the public hydrant pumps—making together, in the City,	16,438
And by private hydrants in the District of Spring Garden, . . .	3,026
Do do Southwark, . . .	1,971
Do do Northern Liberties, . . .	3,245
Do do Moyamensing, . . .	568
Do do Kensington, . . .	568
Together,	25,816

There are no public hydrant pumps in the Districts.

The iron pipes laid in the City to December 31, 1842, amount to	64 $\frac{1}{2}$ miles.
Do do Districts, . . .	50 $\frac{1}{2}$ "

The number of fire-plugs in the City, is . . . . .	524
Do do Districts, . . . . .	531

The annual increase of water tenants for the last six years, including families supplied in the City by public hydrant pumps, is as follows:

	Tenants.
In 1837, they amounted to . . . . .	20,462
1838, do . . . . .	21,947
1839, do . . . . .	22,636
1840, do . . . . .	23,482
1841, do . . . . .	24,828
1842, do . . . . .	25,816

The cost for the erection of the Works in 1822, with the additions of permanent work annually made, (not including the expense of the repairs to the Dam,) up to December 31, 1842, amounts to \$1,493,688 20

**FREDERICK GRAFF,**

*Superintendent of the Fair Mount Water Works.*

December 31, 1842.



## Index to the Accounts

*Kept in the Department of the Register of the Watering Committee.*

- No. 1, Balance sheet of the income and expenditure for the year 1842.
- 2, Fractional rents, &c., from city and districts, year 1842.
- 3, Tabular statement of his accounts.
- 3, Girard water rents in the city.
- 4, Requisitions drawn during the year 1842.
- 5, Annual water rents payable in the office of the Watering Committee.
- 6, Settlement of the city duplicates for the year 1842.
- 7, Settlement of the returns by the city collectors, for 1842.
- 8, Settlement of balance of water rent sued in 1841.
- 9, Settlement in part of rents sued for the year 1842.
- 10, Duplicates of water rents for the year 1843.
- 11, Water rents declined, city and districts, in 1842.
- 12, Number of dwellings, &c., supplied with water in city, year 1842.
- 13, Settlement of rents payable in the office for 1842.
- 14, Settlement of Girard city water rents for 1842.
- 15, Northern Liberty duplicates for the year 1843.
- 16, Settlement of Northern Liberty duplicates for 1842.
- 17, Iron pipes laid and fire-plugs erected in the Northern Liberties.
- 18, Southwark duplicates for 1843.
- 19, Settlement of Southwark duplicates for 1842.
- 20, Iron pipes and fire-plugs in the district of Southwark
- 21, Settlement of Moyamensing duplicates for 1842.
- 22, Moyamensing duplicates for the year 1843.
- 23, Iron pipes and fire-plugs in Moyamensing.
- 24, Settlement of Kensington duplicates, 1842.
- 25, Kensington duplicates for 1843.
- 26, Iron pipes and fire-plugs in Kensington.
- 27, Settlement of Spring Garden duplicates for 1842.
- 28, Iron pipes and fire-plugs in Spring Garden.
- 29, Spring Garden duplicates for 1843.

## No. 1.

**BALANCE SHEET**, setting forth the Amount of Revenue received from the sale of Schuylkill Water in the City and Districts, and the Costs of its Collection; also the Appropriation by Councils to the Watering Committee, and the Expenditure for and during the year 1842.

	D. C.		D. C.	D. C.
Duplicates of Water Rents for the City and Districts, as per last Annual Report, Register's Account No. 1,	141339	50	Cash paid by City Collectors, as per Account No. 6,	60430 52
			Do Northern Liberties, do 16,	23700 22
			Do Spring Garden, do 27,	20875 29
			Do Southwark, do 19,	14009 53
			Do Moyamensing, do 21,	4045 04
			Do Kensington, do 24,	4414 57
			Do Treasurer of the Girard Estates, 14,	979 00
			Do Register of Watering Committee, 2,	11228 80
<i>To which add, viz.—</i>			Amount of cash paid into the City Treasury by the Watering Committee, in the care of the Register, for the year 1842,	139682 97
Fractional parts of Water Rents, &c., received during the year 1842, as per Account No. 2,	5649	77		
Discoveries in the collection, as per Account No. 6,	106	50	Commissions allowed Nor. Liberties, as per Account No. 16,	1512 78
Balance of Water Rents sued for the year 1841, Account No. 8,	437	75	Do Spring Garden, do 27,	1332 46
Cutting off Pipes in the year 1842, as per Account No. 9,	76	25	Do Southwark, do 19,	894 22
Water Rents in advance for 1843, as per Account No. 2,	1521	50	Do Moyamensing, do 21,	257 32
Moyamensing interest, as per Account No. 21,	13	61	Do Kensington, do 24,	280 42
Kensington, for interest, as per Account No. 24,	21	24	Do City Collectors, do 6,	1964 23
Paid by the Commissioners of Northern Liberties, in June last—Issued, but not countersigned in time for last Report,	4	50	Amount paid for collection of Water Rents, City and Districts, for 1842,	6241 43
Placed in register's hands to pay petty bills,	75	00		
			Amount allowed in settlement of duplicates, as per Account No. 7,	235 50
			Amount returned by Alderman Joel Cook, as lost, as per Account No. 8,	127 50
			Amount returned by Alderman Armon Davis, as lost, as per Account No. 8,	76 72
Appropriation by Councils, &c.			Amount paid to Alderman Cook for fees, as per Account No. 8,	9 50
Incidental expenses, . . . . .	14360	00		
Permanent expenses, . . . . .	9140	00		
Rebuilding Fair Mount Dam, . . . . .	60498	36		

Amount paid to Alderman Davis, for fees, as per Account No. 8,	8 00	
Amount in Alderman Davis' hands, sued for 1842, as per Account, No. 9,	167 25	
Amount in Alderman Cook's hands, sued for 1842, as per Account No. 9,	416 50	
Amount received in advance in July, &c., 1841, for 1842, and paid, as per last annual Account No. 2,	2130 25	
Rent of wharf at Fair Mount, not paid,	75 00	
Amount of petty bills paid by Register, settled by Committee on Accounts,	59 37	
Balance in Register's hands to pay petty bills,	15 63	
		3321 22
Amount disbursed by the Watering Committee, for the year 1842, as per Account No. 4,		63911 40
Balance in hands of City Treasurer, December 31, 1842,		20066 96
		<u>233243 98</u>
<u>233243 98</u>		

**SAMUEL W. RUSH,**  
*Register of Watering Committee.*

No. 2.

Statement, showing the Amount of Cash received and paid by Samuel W. Rush, Register, into the City Treasury, during the year 1842.

DATES.	City water rents, fractional for 1842.	Fer-rules.	Repar-ing.	S. G. wa-ter rent, fractional, 1842.	N. L. wa-ter rent, fractional, 1842.	Moya-mensing wa. rent, fractional, 1842.	South-work wa-ter rent, fractional, 1842.	Kensing-ton wa-ter rent, fractional, 1842.	Annual wa. rents payable in the office.	Delin-quent's water rents, 1842.	Delin-quent's, &c in ad-vance, for 1843.	Water rents sued, 1842.	Water rents sued for 1841.	TOTAL.
	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.
1842.	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.
January 31.	257 36	14 31	10 50	89 62	13 34		31 52							416 65
February 28.	53 38	16 50	12 50	90 11	14 44	12 92	19 55	18 61						238 01
March 31.	254 82	30 75	29 25	126 59	53 33	18 44	39 19	17 60						569 97
April 30.	207 40	32 25	33 50	144 26	61 36	41 09	66 00	22 35						608 21
May 31.	200 08	33 00	33 50	132 68	63 21	4 50	105 11	23 94	551 00					1147 02
June 30.	142 12	43 75	40 75	91 09	48 76	19 30	117 82	10 60	1442 50	398 50	314 50			2669 69
July 30.	209 61	41 75	31 00	44 26	25 48	6 38	138 70	18 82		1020 00	970 00			2506 00
August 31.	147 82	58 00	44 00	60 15	30 32	8 13	56 77	2 75	140 00	90 00	75 00			712 94
September 30.	117 19	52 50	46 00	76 60	25 42	6 42	74 10	26 26						424 49
October 31.	147 92	51 00	54 00	126 99	168 63	4 76	35 50	36 53						625 33
November 30.	96 33	47 75	58 50	152 26	109 42	88 57	9 39	6 88						569 10
December 31.	18 72	9 25	8 50	97 01	21 40		6 91	2 07			162 00	199 50	216 03	741 39
	1852 75	430 81	402 00	1231 62	635 11	210 51	700 56	186 41	2133 50	1508 50	1521 50	199 50	216 03	11228 80
Deduct as follows :														
Water Rents for the year 1843,													1521 50	
Delinquents sued in 1842, . . . . .													199 50	
Delinquents sued for 1841, . . . . .													216 03	
Delinquents paid for 1842, . . . . .													1508 50	
Annual Water Rents payable in the Office,													2133 50	
													5579 03	
This, and the above amount of \$11,228 80, are both carried to Account No. 1,													5649 77	

December 31, 1842.

SAMUEL W. RUSH, Register of Watering Committee.

No. 3.

The Register submits to the Watering Committee the following Tabular Statement, embracing the Accounts of his Department, setting forth the Appropriations by Councils, and their Expenditure, the Income from Water Rents, the Iron Pipes and Fire Plugs laid, &c., in the Districts, &c., to the 31st of December, 1842.

	Expendi- ture of ap- propriat'n by councils to rebuild Dam, and balance on hand.	Am't of ap- propriat'n for 1842, including the Dam at F. M.	Cash drawn for the expen- diture for 1842, inc. the Dam, Ac't. No. 4.	Receipts for water rents during the year 1842, see Account No. 1.	Amount allowed the Districts for collect- ing the wa- ter rents, inc. 1843.	Increase of water rents dur- ing the year 1842.	Water rents declined, allowed, &c during the year 1842.	Number of water lakers, City and Districts.	Amount of water rents, City and Districts, for the year 1843.	Miles of Iron Pipes laid, City & Dist- ricts.	Fire Plugs erected in City and Dist's.	Amount of wa- ter rents, &c., from the com- mencement to 1843, inclusive.
	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.	D. C.		D. C.			D. C.
City, . . . . .		83998 36	63911 40	139682 97		1721 75	1548 50	13138	68886 25	*64½	*524	123225 75
Spring Garden, . . . . .					11470 92	2127 25	384 50	3026	24335 00	16½	157	188835 40
Southwark, . . . . .					9052 09	1488 50	206 25	1971	16392 25	12	133	149182 54
Northern Liberties, Moyamensing, . . . . .					15898 08	1005 50	446 50	3245	26219 50	14½	149	278713 95
Kensington, . . . . .					1595 26	382 25	82 00	568	4671 00	3½	41	26122 11
Girard Water Rents in the City, . . . . .					1667 40	330 00	120 00	568	5003 75	5½	51	27073 60
Expended on ac't. of Dam, Balance on hand, . . . . .	39523 20 20975 16								984 00			6837 00
Water Rents payable in the Office of the Water- ing Committee, to June, 1842, see Ac't. No. 5, Rent of wharf at F. M., Families by public pumps,								3300	1833 50 75 00			9664 50 150 00
	60498 36	83998 36	63911 40	139682 97	39683 75	7055 25	2787 75	25816	148400 25	115½	1055	1918804 85

\* The Iron Pipes and Fire Plugs (of the City proper) in the above Table, are taken from the Account kept by the Superintendent.

December 31, 1842.

SAMUEL W. RUSH, Register of the Watering Committee.

OF THE SELECT COUNCIL.

## CITY.

## No. 4.

*Statement, showing the amount of the different heads of accounts, embracing all the accounts, as registered by Samuel W. Rush, Register, and paid by requisitions on the Mayor, being signed by John Price Wetherill, Chairman, and countersigned by Samuel W. Rush, Secretary.*

	D. C.
Distribution, . . . . .	3569 65
Incidentals, . . . . .	548 07
Water Power, . . . . .	2453 94
Iron Pipes, . . . . .	5091 68
Fair Mount Works, . . . . .	8634 86
Salaries, . . . . .	4090 00
Fair Mount Dam, . . . . .	39523 20
Carried to Balance Sheet, No. 1,	63911 40

## No. 5.

*Statement, showing the list of Water Rents payable to the Register of the Watering Committee, in the Office, City Hall, on the 1st of June, 1843.*

	D. C.
Joseph S. Lovering & Co., No. 27 Church Alley,	750 00
Trustees Philadelphia Gas Works, . . . . .	400 00
Thomas Hewit, Zane Street, . . . . .	150 00
Police Committee, Filbert, east of Schuylkill Eighth,	10 00
Do Cherry, between Fourth & Fifth,	10 00
Committee on City Property, . . . . .	5 00
Do do . . . . .	5 00
Do do . . . . .	11 00
E. Vansyckel, Ashton, near Vine Street, . . . . .	125 00
Naval Asylum, Gray's Ferry Road, . . . . .	140 00
James Maxwell, Cedar, west of Twelfth Street,	112 50
Committee on City Property, High Street Bridge,	5 00
Robert Harmer, No. 48 North Third Street, . . . . .	110 00
Carried to Account No. 3, . . . . .	1833 50

CITY.

No. 6.

Statement, showing the settlement of the duplicates of the City water rents, for the year 1842.

	D. C.	D. C.
Amount of duplicates of water rents,	64622 25	
Add, discoveries in the collection,	106 50	
		64728 75
From which deduct—		
Collectors' commissions,	1964 23	
Amount ordered to be sued, as per Account No. 7,	590 00	
Amount allowed, as per Account No. 7,	235 50	
		2789 73
Amount paid into the City Treasury,		61939 02
Of which was received—		
By James Hickey, Collector,	21407 62	
By Thomas Millar, Collector,	19676 63	
By George W. Gillingham, Collector,	19346 27	
Amount paid by Collectors, carried to Account No. 1,		60430 52
By S. W. Rush, as per Account No. 2,		1508 50
		61939 02

No. 7.

Statement, showing the settlement of the amount of water rents returned by J. Hickey, T. Millar, and G. W. Gillingham, Collectors, for the year 1842, as not paid, and allowed to them by the Committee in the settlement of the duplicates of water rents for said year.

	D. C.	D. C.
Amount by Register of Watering Com.,	117 00	
Do by James Hickey,	672 50	
Do by Thomas Millar,	1052 50	
Do George W. Gillingham,	609 00	
		2451 00
Accounted for, to wit—		
Received and paid into the City Treasury by the Register, as per Account No. 2,	1508 50	
Allowed by Com., carried to Account No. 1,	235 50	
Amount ordered to be sued by Committee, for settlement of which see Account No. 9,	707 00	
Making the above am't. returned not paid,		2451 00

The above \$707 to be sued, consists of \$590 returned by the Collectors, and \$117 of rents payable in the office, but not paid, for 1842.

## CITY.

## No. 8.

*Statement, showing the settlement of the water rents remaining in the hands of Aldermen Joel Cook and Armon Davis, as stated per Account No. 9, for last year.*

	D. C.	D. C.
Balance in Alderman Joel Cook's hands, as per last year's Account No. 9, . . .	197 25	
Do Armon Davis' do . . .	240 50	
		437 75
Settled as follows—		
Cash received from Ald. J. Cook, in December, 1842, . . . \$60 25		
Do A. Davis, do . . . 155 78		
	216 03	
Paid Alderman Cook's fees, . . . \$9 50		
Do Davis' fees, . . . 8 00		
	17 50	
Alderman Cook's return in December, 1842, as lost, . . . \$127 50		
Do Davis' do . . . 76 72		
	204 22	
		437 75

The above amount received by Register, is paid into the Treasury, as per Account No. 2.

## No. 9.

*Statement, showing a settlement in part of the water rents ordered to be sued for the year 1842.*

	D. C.	D. C.
Water rents ordered to be sued, . . .	707 00	
Add, for cutting off pipes, . . .	76 25	
	783 25	
From which deduct—		
Amount received by Register without suit, and paid, as per Account No. 2, . . .	199 50	
		583 75
Balance in suit, settled, viz.—		
In Alderman Cook's hands, Dec. 31, 1842, . . .	416 50	
Do Davis' hands, do . . .	167 25	
		583 75



CITY.

No. 10.

*Statement, showing the amount of the duplicates of water rents for the year 1843.*

	D. C.	D. C.
<i>First District.</i>		
North Mulberry Ward, &c <sup>s</sup> . . . .	6864 00	
Locust and Dock Wards, . . . .	9568 25	
Walnut and South Wards, . . . .	7381 00	
		23813 25
<i>Second District.</i>		
Upper Delaware Ward, . . . .	3935 25	
Lower Delaware and South Mulberry Wards, . . . .	9320 00	
High Street and North Wards, . . . .	8362 50	
		21617 75
<i>Third District.</i>		
Chesnut Ward, . . . .	3202 00	
Middle Ward, . . . .	3965 00	
New Market, Pine and Cedar Wards, . . . .	14766 75	
		21933 75
Amount to be collected for the year 1843, The Register received in advance, on ac- count of the above duplicates, and paid, as per Account No. 2, . . . .		67364 75
		1521 50
Carried to Account No. 3, . . . .		68886 25

## CITY AND DISTRICTS.

## No. 11.

*Statement, showing the amount of water rents taken from the water rent books of the City and Districts, for and during the year 1842.*

		D. C.	D. C.
City.			
Amount ordered to be sued,	\$707 00		
Deduct am't. continued on books,	119 50		
		587 50	
Amount allowed by Committee,	.	235 50	
Amount declined,	.	725 50	
			1548 50
Districts.			
Kensington,	.	120 00	
Northern Liberties,	.	440 50	
Spring Garden,	.	384 50	
Southwark,	.	206 25	
Moyamensing,	.	82 00	
			1239 25
Amount taken from the books, carried to Account No. 3,	.		2787 75

It will be perceived, that the increase of water rents during the year 1842, by new permits, is decreased to the amount of the aforesaid deduction.

CITY.  
No. 12.

*Statement, of the number of dwellings, manufactories, and institutions, supplied with the Schuylkill water, in the City of Philadelphia, to the 31st of December, 1842.*

	D. C.	D. C.
40 Horses, &c.,	at 1 00	40 00
135 Wash pavements,	2 00	270 00
242 Tenements, &c. &c.,	2 50	605 00
2079 Baths,	3 00	6237 00
9 Taverns,	3 75	33 75
42 Stables,	4 00	168 00
37 Baths,	4 50	166 50
9069 Dwellings, &c. &c.,	5 00	45345 00
1 Stable, &c.,	5 50	5 50
34 Dwellings, &c.,	6 00	204 00
3 Dwellings, &c.,	7 00	21 00
375 Dwellings, &c.,	7 50	2812 50
539 Printing offices, &c.,	8 00	4312 00
2 Dwellings, &c.,	8 50	17 00
29 Vinegar yards, &c. &c.,	9 00	261 00
1 Steam engine, &c.,	9 50	9 50
173 Dyers, &c. &c.,	10 00	1730 00
1 Dwelling, &c.,	10 50	10 50
4 Marble yards,	11 00	44 00
6 Dwellings, &c.,	11 25	67 50
22 Soap boilers, &c.,	12 00	264 00
34 Dwellings,	12 50	425 00
3 Taverns, &c.,	13 00	39 00
3 Courts,	14 00	42 00
64 Distilleries, &c. &c.,	15 00	960 00
4 Hatteries, &c.,	16 00	64 00
2 Stables, &c.,	17 00	34 00
3 Courts, &c.,	17 50	52 50
5 Courts, &c.,	18 00	90 00
35 Taverns, courts, &c. &c.,	20 00	700 00
1 Steam engine, &c.,	20 50	20 50
10 Courts, &c.,	22 50	225 00
2 Stables,	24 00	48 00
32 Sugar houses, &c. &c.,	25 00	800 00
1 Court, &c.,	26 00	26 00
3 Taverns, &c. &c.	27 50	82 50
1 Tavern, &c.,	29 50	29 50
20 Stables, &c.,	30 00	600 00
1 Steam engine,	31 75	31 75
1 Court, &c.,	32 50	32 50
3 Courts, &c.,	33 00	99 00
1 Mansion house, &c.,	34 00	34 00
1 Hotel,	35 00	35 00
6 Morocco factories, &c. &c.,	35 00	210 00
4 Steam engines,	36 00	144 00
2 Steam engines, &c.,	39 00	78 00
5 Steam engines, &c. &c. &c.,	40 00	200 00
1 Court, &c.,	41 25	41 25
1 Court, &c.,	44 00	44 00
3 Courts, &c.,	45 00	135 00
13 Stables, &c. &c.,	50 00	650 00
1 Hotel,	53 00	53 00
<b>13169</b>	<b>Amount carried forward,</b>	<b>68649 25</b>

APPENDIX TO THE JOURNAL  
CITY.

13109	Amount brought forward,	D. C.	D. C.
1 Hotel,		55 00	68649 25
3 Hotels, &c. &c.,		60 00	55 00
1 Hotel,		61 50	180 00
1 Hotel,		65 00	61 50
5 Breweries, &c.,		75 00	65 00
1 Distillery,		80 00	375 00
1 Hotel,		86 00	80 00
1 Hotel,		88 00	86 00
2 Laboratories, &c.,		90 00	88 00
1 Hotel,		96 50	180 00
1 Bath house,		110 00	96 50
1 Water wheel,		112 50	110 00
1 Distillery,		125 00	112 50
1 Naval Asylum,		140 00	125 00
1 Sugar house,		150 00	140 00
1 Gas Works,		400 00	150 00
1 Sugar house,		750 00	400 00
			750 00
<b>13133</b>			<b>71703 75</b>

The above Account No. 12, is composed of the following water rents—

Duplicates, as per Account No. 10,	\$68886 25
Girard water rents, as per Account No. 3,	984 00
Water rents payable in the office, as per Account No. 5,	1833 50
	<b>\$71703 75</b>

No. 13.

*Statement, showing the settlement of the water rents payable to the Register of the Watering Committee, as per last year's Report, Account No. 5.*

	D. C.
Amount received and paid by Register, as per Account No. 2, after deducting \$117 ordered to be sued,	2133 50

No. 14.

*Statement, showing the settlement of the water rents charged to the Girard Estate in the City, as per last year's Report, Account No. 3.*

	D. C.
Bill of water rent paid by the Treasurer of the Girard Trusts, to the City Treasurer, carried to Account No. 1,	979 00

## NORTHERN LIBERTIES.

## No. 15.

An account, showing the amount of the water rents due and payable to the City, by the incorporated District of the Northern Liberties, on the 1st of June, 1843, after 6 per cent. shall have been deducted, as per agreement—also the number of dwellings, &c., supplied therein with the Schuylkill water, to the 31st of December, 1842.

	D.	C.	D.	C.
46 Horses,	at	1 50	69	00
1 Horse, &c.,		2 50	2	50
15 Wash pavements,		3 00	45	00
66 Tenements,		3 75	247	50
270 Baths,		4 50	1215	00
2 Stands for horses,		5 00	10	00
78 Dwellings,		6 00	468	00
2439 Dwellings,		7 50	18292	50
1 Stable,		8 00	8	00
1 Stable, &c.,		8 75	8	75
10 Dwellings,		9 00	90	00
8 Factories,		10 00	80	00
2 Stables, &c.,		10 50	21	00
79 Dwellings, &c.,		11 25	888	75
68 Curriers, &c.,		12 00	816	00
3 Stables, &c.,		13 50	40	50
54 Curriers, morocco factories, &c.,		15 00	810	00
1 Steam engine, &c.,		16 50	16	50
2 Morocco factories,		17 00	34	00
1 Court,		18 00	18	00
15 Taverns, &c.,		18 75	281	25
1 Brewery, &c.,		19 50	19	50
2 Soap factories,		20 00	40	00
1 Tavern, &c.,		21 00	21	00
1 Tavern, &c.,		21 25	21	25
27 Taverns, &c.,		22 50	607	50
3 Morocco factories, &c.,		25 00	75	00
1 Stable,		25 50	25	50
2 Courts,		26 25	52	50
1 Steam engine,		29 25	29	25
15 Soap factories,		30 00	450	00
1 Morocco factory,		33 00	33	00
10 Taverns,		33 75	337	50
1 Turpentine factory,		35 00	35	00
1 Mineral water,		35 25	35	25
4 Morocco factories,		37 50	150	00
1 Hay market,		40 00	40	00
2 Courts, &c.,		41 25	82	50
2 Turpentine distilleries and morocco factories,		50 00	100	00
2 Tanneries,		52 50	105	00
1 Brewery, &c.,		55 00	55	00
1 Morocco factory,		65 00	65	00
1 Brewery,		77 50	77	50
2 Gas Works and brewery,		150 00	300	00
3245			26219	50
	Carried to Account No. 3,			

## NORTHERN LIBERTIES.

## No. 16.

*Statement, showing the settlement of the duplicates of water rent charged to the Board of Commissioners of the incorporated District of the Northern Liberties, as per last Annual Report, Account No. 15.*

	D.	C.	D.	C.
Amount of duplicates, . . . . .	25213	00		
Deduct 6 per cent., as per agreement,		1512		78
			23700	22
Settled, viz:—				
Amount paid to the City Treasurer by the Treasurer of the District of Nor. Liberties, carried to Account No. 1,			23700	22

## No. 17.

*Statement, showing the quantity of iron pipes laid, and the number of fire plugs erected in the District of Northern Liberties, from the year 1826 to the year 1842, both inclusive.*

	Feet.	In.
Iron pipes laid to and including the year 1841, Iron pipes laid in the year 1842, viz:	74446	00
6 inch, New Market Street, between Pegg and Margaretta Streets, . . . . .		270
Say 14½ miles, carried to Account No. 3, . . . . .	74716	00

*Fire Plugs erected in the District of Northern Liberties.*

No. 148, in Apple Street, 300 feet north of George Street.

No. 149, in Front Street, 15 feet north of Noble Street.

149 fire plugs erected in the District. Carried to Account  
No. 3.

## SOUTHWARK.

## No. 18.

An account, showing the amount of water rents due and payable to the City, on the 1st of June next, by the incorporated district of Southwark, for the year 1843, after 6 per cent. shall have been deducted, as per agreement—also an account of the number of dwellings, &c., supplied with the Schuykill water, to the 31st of December, 1842.

	D. C.	D. C.
1 Horse,	at 1 50	1 50
9 Bake houses, &c.,	3 00	27 00
25 Tavern licensed houses,	3 75	93 75
70 Baths,	4 50	315 00
1 Commissioners' Hall,	5 00	5 00
16 Dwellings,	6 00	96 00
1721 Dwellings,	7 50	12907 50
2 Dwellings, &c.,	9 00	18 00
31 Taverns, &c.,	11 25	348 75
9 Dwellings, &c.,	12 00	108 00
1 Hattery, &c.,	12 75	12 75
1 Stable, &c.,	14 25	14 25
33 Hatteries, &c. &c.,	15 00	495 00
2 Soap factories,	18 00	36 00
9 Courts, &c.,	18 75	168 75
1 Steam engine,	20 00	20 00
1 Court, &c.,	21 00	21 00
13 Sugar houses, &c.,	22 50	292 50
1 Court, &c.,	24 50	24 50
1 Livery stable,	25 00	25 00
3 Courts,	26 25	78 75
1 Tavern, &c.,	29 25	29 25
4 Courts, &c.,	30 00	120 00
1 Court, &c.,	33 00	33 00
1 Steam engine,	36 00	36 00
4 Courts, &c.,	37 50	150 00
2 Breweries,	45 00	90 00
2 Courts, &c.,	52 50	105 00
1 Foundry,	70 00	70 00
2 Navy yards, &c.,	75 00	150 00
1 Vagrant apartment, County Prison,	100 00	100 00
1 County Prison,	400 00	400 00
<b>1871</b>	<b>Carried to Account No. 3,</b>	<b>16302 25</b>

## SOUTHWARK.

## No. 19.

*Statement, showing the settlement of the duplicates of water rent charged to the Board of Commissioners of the district of Southwark, for the year 1842, as per last Annual Report, Account No. 18.*

	D. C.	D. C.
Amount of duplicates, . . .	14903 75	
Deduct 6 per cent., as per agreement,	894 22	
		14009 53
Settled, viz:		
Amount paid to the City Treasurer, by the Treasurer of the District of Southwark, carried to Account No. 1,		14009 53

## No. 20.

*Statement, showing the quantity of iron pipes laid, and the number of fire plugs erected in the District of Southwark, from the year 1826 to the year 1842, both inclusive.*

	Feet. In.	Feet. In.
Iron pipes laid in the District, to and including the year 1841, . . .		60724 00
Laid in 1842.		
3 inch, In Clare Street, to the 3 arm branch in Sixth Street, . . .	195 03	
6 inch, In Fourth Street, from Wharton to south of Federal Street, . . .	412 06	
		607 09
Say 12 miles—carried to Account No. 3,		61331 09

*Fire plugs laid in the District.*

No. 133, East side of Fourth Street, near Federal Street.  
133 plugs erected in the District. Carried to Account No. 3.



MOYAMENSING,

No. 21.

*Statement, showing the settlement of the duplicates of water rents charged to the Board of Commissioners of the township of Moyamensing, in the year 1842, as per last Report, Account No. 22.*

	D. C.	D. C.
Amount of duplicates for 1842,	4288 75	
Deduct 6 per cent., as per agreement,	257 32	
		4031 43
Add, interest for delay in payment,		13 61
Amount paid City Treasurer by the Treasurer of the Township of Moyamensing, carried to Account No. 1,		4045 04

No. 22.

*An Account, showing the amount of the water rents due and payable to the City, on the 1st of June next, by the Commissioners of the township of Moyamensing, for the year 1843, after 6 per cent. shall have been deducted, as per agreement—also the number of dwellings, &c., supplied therein with the Schuylkill water, to the 31st of December, 1842.*

	D. C.	D. C.
2 Water closets,	at 1 50	3 00
1 Wash pavement,	3 00	3 00
4 Tenements,	3 75	15 00
51 Baths,	4 50	229 50
1 Commissioners' Hall,	5 00	5 00
457 Dwellings,	7 50	3427 50
1 Factory,	10 00	10 00
2 Dwellings, &c.,	10 50	21 00
15 Taverns, &c.,	11 25	168 75
10 Dwellings and baths,	12 00	120 00
8 Taverns,	15 00	120 00
3 Courts,	18 75	56 25
1 Public School,	20 00	20 00
1 Court,	21 00	21 00
4 Courts,	22 50	90 00
1 Court, &c.,	24 00	24 00
1 Court,	26 25	26 25
2 Factories, &c.,	30 00	60 00
1 Court,	33 75	33 75
1 Court,	42 00	42 00
1 Water wheel and factory,	175 00	175 00
568	Carried to Account No. 3,	4671 00

## MOYAMENSING.

## No. 23.

*Statement, showing the quantity of iron pipes laid, and the number of fire plugs erected in the township of Moyamensing, from the year 1832 to the year 1842, both inclusive.*

	Feet. In.
Iron pipes laid from the year 1832 to the year 1842, both inclusive, . . . . .	16281 04

Say  $3\frac{1}{2}$  miles of pipes.

41 fire plugs erected in the Township of Moyamensing.  
Carried to Account No. 3.



## KENSINGTON.

## No. 24.

*Statement, showing the settlement of the duplicates of water rents charged to the Board of Commissioners of the district of Kensington, for the year 1842, as per last Annual Report, Account No. 25.*

	D.	C.	D.	C.
Amount of duplicates, . . . . .	4673	75		
Deduct 6 per cent., as per contract, . . . . .	280	42		
			4393	33
Add, interest for delay in payment, . . . . .				21 24
Amount paid City Treasurer, by the Treasurer of the District, carried to Account No. 1, . . . . .				4414 57

KENSINGTON.

No. 25.

An account, showing the amount of water rents due and payable to the city, by the district of Kensington, on the 1st day of June next, for the year 1843, after 6 per cent. shall have been deducted, as per agreement—also an account of the number of dwellings, &c., supplied with the Schuylkill water, to the 31st of December, 1842.

	D. C.	D. C.
2 Water closets, . . . . .	at 1 50	3 00
1 Wash pavement, . . . . .	3 00	3 00
7 Baths, . . . . .	4 50	31 50
481 Dwellings, &c., . . . . .	7 50	3607 50
1 Steam engine, . . . . .	9 00	9 00
3 Oil factories, &c., . . . . .	10 00	30 00
1 Horse, &c. &c., . . . . .	10 50	10 50
21 Dwellings and baths, . . . . .	11 25	236 25
8 Dwellings and baths, . . . . .	12 00	96 00
1 Steam engine, . . . . .	12 75	12 75
1 Dyery, . . . . .	13 00	13 00
2 Steam engines, &c. . . . .	13 50	27 00
13 Taverns, &c., . . . . .	15 00	195 00
1 Tavern, &c., . . . . .	16 25	16 25
1 Dyery, . . . . .	17 50	17 50
4 Courts, . . . . .	18 75	75 00
1 Steam engine, . . . . .	21 00	21 00
9 Laboratories, &c., . . . . .	22 50	202 50
1 Steam engine, . . . . .	24 00	24 00
3 Courts, &c., . . . . .	30 00	90 00
1 Paper factory, . . . . .	33 00	33 00
2 Courts, . . . . .	37 50	75 00
1 Court, . . . . .	48 75	48 75
1 Steam engine, &c., . . . . .	56 25	56 25
1 Factory, . . . . .	70 00	70 00
568	Carried to Account No. 3,	5003 75

No. 26.

Statement, showing the quantity of iron pipes laid, and the fire plugs erected in the district of Kensington, to and including the year 1842.

	Feet. In.	Feet. In.
Iron pipes laid, including 1841, say		26216 03
Laid in the year 1842, viz:		
4 inch, Front Street, from Cohocksink		
Creek to Franklin Avenue, . . . . .	921 01	
6 inch, do do do do . . . . .	933 01	
		1854 02
Say 5½ miles—carried to Account No. 3,		28070 05

Fire Plugs erected in the District.

No. 51, In Front Street, 192 feet north of Otter Street.

51 fire plugs erected in the District.—Carried to Account No. 3.

## SPRING GARDEN.

## No. 27.

*Statement, showing the settlement of the duplicates of water rents, charged to the Board of Commissioners of the district of Spring Garden, as per last Annual Report, Account No. 29.*

	D. C.	D. C.
Amount of duplicates, . . . . .	22207 75	
Deduct 6 per cent., as per agreement, . . . . .	1332 46	
		20875 29
Settled, viz:—		
Amount paid to the City Treasurer by the Treasurer of the District, carried to Account No. 1, . . . . .		20875 29

## No. 28.

*Statement, showing the quantity of iron pipes laid in the district of Spring Garden, from the year 1826 to the year 1842, both inclusive—also the number of fire plugs erected in said period.*

	Fect. In.	Fect. In.
Iron pipes laid to and including 1841, Laid in 1842—		84532 07
6 in., Wallace, from Eighth to Tenth St.	701 00	
6 in., Brown, from Kessler to Tenth St.	343 00	
6 in., Parrish, from Eighth to Ninth St.	245 00	
4 in., Olive, from Tenth to Eleventh St.	429 00	
4 in., Citron, from Thirteenth to Orange.	212 00	
4 in., Clinton, from Brown Street northward,	103 00	
4 in., across Schuylkill Eighth, at Wood Street, . . . . .	50 00	
		2083 00
Say 16 $\frac{3}{8}$ miles—carried to Account No. 3,		86615 07

*Number of fire plugs erected in the District.*

No. 156, Eleventh Street, 20 feet north of Lemon Street.

No. 157, Wallace Street, 100 feet east of Tenth Street.

In all, 157 plugs in the District—carried to Account No. 3.

## SPRING GARDEN.

## No. 29.

An account, showing the amount of water rents due and payable to the city, by the district of Spring Garden, on the 1st day of June 1843, after 6 per cent. shall have been deducted, as per agreement—also an account of the number of dwellings, &c., supplied with the Schuylkill water, to the 31st of December, 1842.

	D.	C.	D.	C.
8 Horses, &c.,	at 1	50	12	00
1 Washer, &c.,	2	25	2	25
2 Horses, &c.,	3	00	6	00
25 Tenements, &c.,	3	75	93	75
350 Baths,	4	50	1575	00
1 Porter cellar,	5	25	5	25
18 Dwellings,	6	00	108	00
2358 Dwellings, &c.,	7	50	17685	00
3 Vinegar yards, &c.,	9	00	27	00
4 Soap factories, &c.,	10	00	40	00
2 Slaughter houses,	10	50	21	00
18 Dwellings, &c.,	11	25	202	50
134 Dwellings, &c.,	12	00	1608	00
34 Soap factories, &c.,	15	00	510	00
1 Steam engine, &c.,	16	50	16	50
18 Dwellings, &c.,	18	75	337	50
2 Livery stables, &c.,	20	00	40	00
6 Taverns, &c.,	22	50	135	00
2 Paper stainers, &c.,	24	00	48	00
2 Taverns, &c.,	25	00	50	00
2 Steam engines,	25	50	51	00
3 Courts, &c.,	26	25	78	75
1 Steam engine,	27	00	27	00
1 Tavern, &c.,	27	50	27	50
10 Factories, &c.,	30	00	300	00
1 Steam mill,	30	75	30	75
1 Stable,	31	50	31	50
1 Steam engine, &c.,	33	75	33	75
1 Court,	36	00	36	00
4 Taverns, &c.,	37	50	150	00
3 Steam mills, &c.,	40	00	120	00
1 Court,	45	00	45	00
1 Tannery,	50	00	50	00
2 Tanneries,	54	00	108	00
1 Soap factory and engine,	61	50	61	50
2 Steam for rail-road, &c.,	150	00	300	00
1 Factory, &c.,	174	00	174	00
1 Factory, &c.,	187	50	187	50
3026	Carried to Account No. 3,		24335 00	

SAMUEL W. RUSH,

Register of Watering Committee.

December 31, 1842.



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