

ANNUAL REPORT

OF THE

WATERING COMMITTEE

FOR THE YEAR 1853,

TO THE

SELECT AND COMMON COUNCILS

OF THE

CITY OF PHILADELPHIA.

---

JANUARY 5, 1854.

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## WATERING COMMITTEE.

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JOSEPH M. THOMAS, <i>Chairman</i> ,	JOHN AGNEW,
ALBERT G. WATERMAN,	CHARLES ABBEY,
FRANCIS H. DUFFEE,	GEORGE GRISCOM,
WILLIAM WATT,	PAUL POHL.

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ENGINEER AND SUPERINTENDENT,

FREDERICK GRAFF.

REGISTER AND SECRETARY,

GEORGE W. McMAHAN.

MESSENGER,

GEORGE W. HARVEY.

359419

# ANNUAL REPORT.

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*To the Select and Common Councils :*

The Watering Committee, in presenting their annual estimate of the probable amount required by them to defray the expenses of that department of the corporation for the year 1854, submit in connection with the same the following statement, in relation to the operations of the past year.

The Report of the Committee, January 1, 1853, having fully described the character and condition of the new Reservoir, and the purpose for which it was intended to be used; in regard to that improvement, it only remains for your Committee to inform you what has been done since that date, under their immediate charge.

The new Reservoirs have had their embankments completely sodded with grass, the gravel walk on top finished; these, together with the lots belonging to the City, in the immediate neighborhood, have all been fenced in; the footways on Twenty-Second street, from College avenue to

Brown street, and on College avenue, from Twenty-Second street, eastward, have been curbed, and the brick pavement laid.

The new Reservoirs have been in use during the whole year, and fully realize the anticipations of the Committee in regard to the object of their construction; the head of water, formerly somewhat deficient on Saturdays in the higher stories of the houses in the City, has been kept up during the summer by means of this improvement, no complaints of deficiency having reached us during the whole season.

The Reservoirs stood the winter admirably, and are now perfectly water-tight.

At Fairmount, very extensive repairs have been done, the wood work of the buildings, fences, etc., etc., were thoroughly repaired and painted, a new fence twenty-five hundred feet long, was placed around the second embankment of the Reservoirs, a new fence to Reservoir No. 3, and also a flight of stone and iron steps up the south-east corner of the embankment.

All the wharves have been rebuilt in a most substantial manner with stone, from low water mark, capped with solid timber.

The turbine wheel continues to give entire satisfaction, and has proved itself a most valuable auxiliary to the works, rendering most important service during the hottest months of the summer.

The amount of water supplied, has somewhat exceeded that of last year, but not more than the increase of tenants during

the same period would warrant. The average per day being as follows :

In the month of

January, an average of 4,289,177 ale gallons per day.				
“ February, “ “	4,167,860	“	“	
“ March, “ “	4,888,795	“	“	
“ April, “ “	5,810,091	“	“	
“ May, “ “	6,628,165	“	“	
“ June, “ “	7,754,720	“	“	
“ July, “ “	7,794,985	“	“	
“ August, “ “	7,933,612	“	“	
“ September, “ “	7,585,347	“	“	
“ October, “ “	6,609,260	“	“	
“ November, “ “	5,886,999	“	“	
“ December, “ “	5,618,724	“	“	

The average throughout the whole year, being 6,231,395 ale gallons per day, which was supplied to 20,409 water tenants, who pay for the water in the City, and about 3000 families who receive a supply from the public hydrant pumps.

Together in the City, - -	23,409	tenants.
And by private hydrants in Southwark, -	5,771	“
“ “ “ Moyamensing, 3,120	“	
Together, - - - -	32,300	“

A considerable increase of water rents has taken place during the last year, without much extension of the iron pipes, the quantity of pipe laid being only 5,180 feet, whereas, during the preceding year, there was laid 12,620

feet. The total length of the iron pipes from Fairmount, and the new reservoir, is as follows :

In the City,	-	-	-	-	-	458,203 feet.
In Southwark,	-	-	-	-	-	108,159 "
In Moyamensing,	-	-	-	-	-	74,310 "
						<hr/>
Together,	-	-	-	-	-	635,672 "
						<hr/> <hr/>

The number of fire plugs in the City,	-	-	-	-	677
" " " in Southwark,	-	-	-	-	211
" " " in Moyamensing,	-	-	-	-	145
					<hr/>
Together,	-	-	-	-	1,033

And there are 249 hydrant pumps in the City. These latter, it has been the policy of the Committee to dispense with, whenever it has been shown that their continuance in the position in which they have been placed, was no longer a public benefit and convenience.

*The amounts placed to the credit of the Watering Committee, for the year 1853, were as follows :*

As per estimate in Report of 1852,	-	-	\$39,224 57
Special Appropriation made June 9,	-	-	2,121 68
" " " Sept. 15,	-	-	1,041 75
" " " Dec. 22,	-	-	1,500 00
			<hr/>
			\$43,888 00
			<hr/> <hr/>
Amount carried forward,	-	-	\$43,888 00

Amount brought forward, - - -	\$43,888 00
The amount expended in 1853, was as follows :	
Distribution, - - -	\$3,796 81
Water Power, - - -	3,328 47
Iron Pipes, - - -	8,107 87
Fairmount Works, - - -	13,004 38
Salaries, - - -	4,000 00
Incidentals, - - -	2,626 37
Additional Reservoirs, - - -	8,647 15
	43,511 05
Unexpended, - - - -	\$ 376 95

The amount of Duplicates for 1853, as per last Report, was - - - - \$161,120 42

The amount paid into the Treasury, including the fractional water rents received by the Register, during the year 1853, and deducting commissions allowed, is - - - \$163,071 01

*Increase of Water Rents, by new Permits in 1853, as per Register's Account, No. 8, is as follows :*

1,220 Permits, City, - - - -	\$12,265 75
454 " Southwark, - - - -	2,814 25
222 " Moyamensing, - - - -	1,910 75
	\$16,990 75
Amount carried forward, - - -	\$16,990 75

Amount brought forward, - -	\$16,990 75
Deduct rents declined and allowed in City and Districts, - - - - -	2,645 50
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Net increase in 1853, - - - - -	\$14,345 25
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The Duplicates for 1854, amount to -	\$175,465 67
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## ESTIMATE FOR THE YEAR 1854.

Distribution, - - - - -	\$4,500 00
Water Power, working Machinery, etc., - -	3,500 00
Fairmount works, including taxes and care of new Reservoirs, - - - - -	10,000 00
Salaries, - - - - -	5,200 00
Incidentals, - - - - -	4,000 00
Iron pipes, new improvements, - - - - -	13,000 00
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	\$40,200 00
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In conclusion, your Committee congratulate Councils and our fellow citizens, upon the prosperous condition of that branch of the public service committed to their charge, and take much pleasure in stating that not only the property at Fairmount and the new Reservoirs are in first rate condition, but also the works in the City, which is mainly attributable to the indefatigable exertions and attention of our efficient Superintendent, Mr. Frederick Graff.



The accounts in the Register's Office, whose duties have largely increased since the last Annual Report, are in the same excellent condition that they have been noted for, since he occupied that position, notwithstanding the increased amount of labor he has been called upon to perform.

JOSEPH M. THOMAS, *Chairman.*

ALBERT G. WATERMAN,

FRANCIS H. DUFFEE,

WILLIAM WATT,

JOHN AGNEW,

CHARLES ABBEY,

GEORGE GRISCOM,

PAUL POHL.

*January 5, 1854.*

## LIST OF CERTIFICATES

FOR MONIES DRAWN BY THE WATERING COMMITTEE, FOR  
FAIRMOUNT WATER WORKS,

From December 31, 1852, to December 31, 1853.

No.	1853.			Dolls.	C.
1	Feb'y 2,	In favor of Frederick Graff, -	-	2470	24
2	March 3,	Ditto ditto - - -	-	774	73
3	April 6,	Ditto ditto - - -	-	2512	39
4	April 6,	Ditto ditto - - -	-	3527	27
5	May 4,	Ditto ditto - - -	-	3198	09
6	May 4,	Ditto ditto - - -	-	808	05
7	June 1,	Ditto ditto - - -	-	5877	81
8	July 6,	Ditto ditto - - -	-	2971	19
9	July 6,	Ditto ditto - - -	-	1628	08
10	July 22,	Ditto ditto - - -	-	907	73
11	August 3,	Ditto ditto - - -	-	2099	39
12	Sept. 7,	Ditto ditto - - -	-	1835	32
13	Sept. 26,	Ditto ditto - - -	-	1041	75
14	Oct. 5,	Ditto ditto - - -	-	2060	52
15	Nov. 2,	Ditto ditto - - -	-	2006	43
16	Dec. 7,	Ditto ditto - - -	-	2380	30
17	Dec. 14,	Ditto ditto - - -	-	583	00
18	Dec. 28,	Ditto ditto - - -	-	6878	76
				<b>\$48511</b>	<b>05</b>

ABSTRACT OF PAYMENTS MADE UNDER THE FOREGOING CERTIFICATES.

Distribution.

No.	1853.		Dolls.	C.	Dolls.	C.		
1	Feb'y	2,	Wages of workmen, for January,	-	-	-	181	00
			R. Hutchinson, for pump-leather,	-	-	-	35	22
			J. Johnson & Co., for plumber's work during 1852,	-	-	-	58	25
			Frederick Graff, for cash advanced by him for straw,	-	-	-	14	07
			Estate of M. L. Adams, for six months ground rent on shop lot,	-	-	-	13	33
2	March	3,	Wages of Workmen, for February,	-	-	-	149	00
			T. Mahan, for twenty-three cwt. of hay,	-	-	-	24	15
3	April	6,	Wages of workmen, for March,	-	-	-	169	00
5	May	4,	Wages of workmen, for April,	-	-	-	184	13
			George Stockham, for 1½ inch boards,	-	-	-	319	30
			Harker & Brother, for red padding,	-	-	-	5	06
7	June	1,	Wages of workmen, for May,	-	-	-	166	00
			H. Gaston, for smith's coal,	-	-	-	25	00
8	July	6,	Wages of workmen, for June,	-	-	-	199	31
			J. & H. Jones, for brass castings,	-	-	-	19	95
			Reeves, Buck & Co., for nails and spikes,	-	-	-	15	60
			R. B. Scott, for new cart,	-	-	-	60	00
9	July	6,	C. Smith, for wrought iron,	-	-	-	37	64
			J. B. Lancaster, for horse feed,	-	-	-	38	33
			Wetherill & Brother, for paints and oils,	-	-	-	20	80
			William H. Knight, for hardware,	-	-	-	14	80

		Herbert & Davis, for lumber, - - - - -	38 48
		J. Harper, for paving bricks, - - - - -	37 25
11 Aug.	3,	Wages of workmen, for July, - - - - -	189 69
		Z. Conely, for twenty cwt. and three-quarters of hay, - - - - -	24 48
		R. Hutchinson, for pump-leather, - - - - -	42 08
12 Sept.	7,	Wages of workmen, for August, - - - - -	241 12
		G. W. Briggs, for poor tax on shop lot, - - - - -	7 28
		Estate of M. L. Adams, for six months ground rent on shop lot, - - - - -	13 33
14 Oct.	5,	Wages of workmen, for September, - - - - -	196 18
		D. R. Erdman, for pump-boxes, - - - - -	12 00
		Harker & Brother, for red padding, - - - - -	9 40
		J. F. Hutchinson, for coal for office, Cherry street, - - - - -	9 00
15 Nov.	2,	Wages of workmen, for October, - - - - -	298 30
		R. Hutchinson, for pump-leather, - - - - -	39 48
		J. Cook, for gravel for repairs, - - - - -	10 80
16 Dec.	7,	Wages of Workmen, for November, - - - - -	272 12
		J. Margerum, for twenty and one-half cwt. of hay, - - - - -	20 50
		G. Fithian, for school and county tax on shop lot, - - - - -	25 48
18 Dec.	28,	Wages of workmen, for December, - - - - -	250 99
		D. Hewit, for 724 bundles straw, - - - - -	60 33
		C. Smith, for wrought iron, - - - - -	41 72
		H. English, for shoeing cart horse, - - - - -	16 80
		J. & H. Jones, for brass castings, - - - - -	42 30
		Amount carried forward,	3649 05

No.	1853.		Dolls.	C.	Dolls.	C.
		Amount brought forward,	3649	05		
		William H. Knight, for hardware, - - - - -	16	13		
		Herbert & Davis, for lumber, - - - - -	17	81		
		William F. Willson; for carpenter's work, - - - - -	12	29		
		J. Johnson & Co., for plumber's work in 1853, - - - - -	25	13		
		Reeves, Buck & Co., for nails, - - - - -	21	50		
		J. B. Lancaster, for horse feed, - - - - -	40	30		
		Wetherill & Brother, for paints, oils, &c., - - - - -	14	60		
					3796	81
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Iron Pipes.						
1	Feb'y 2,	Wages of workmen, for January, - - - - -	109	50		
2	March 3,	Do do February, - - - - -	171	75		
3	April 6,	Do do March, - - - - -	160	90		
		S. J. Cresswell, for iron castings, - - - - -	448	02		
4		Colwell & Co., for iron pipes and castings, - - - - -	840	07		
5	May 4,	Wages of workmen, for April, - - - - -	223	81		
7	June 1,	Do do May, - - - - -	190	75		
		Colwell & Co., for iron pipes and castings, - - - - -	703	95		
		S. J. Cresswell, for iron castings, - - - - -	454	49		
		H. Gaston, for smith's coal, - - - - -	25	00		

	8 July	6,	Colwell & Co., for iron pipes, &c.,	-	-	-	-	-	-	1404	00
			Wages of workmen, for June,	-	-	-	-	-	-	404	13
			J. & H. Jones, for brass castings,	-	-	-	-	-	-	169	16
			L. Chester, for chandlery,	-	-	-	-	-	-	12	27
			Colwell & Co., for iron castings,	-	-	-	-	-	-	861	60
2			G. Magee & Co., for sheathing-cock spindles,	-	-	-	-	-	-	18	00
	9 July	6,	C. Smith, for wrought iron,	-	-	-	-	-	-	110	57
			William H. Knight, for hardware,	-	-	-	-	-	-	10	21
			Herbert & Davis, for lumber,	-	-	-	-	-	-	43	81
	11 Aug.	3,	Wages of workmen, for July,	-	-	-	-	-	-	390	08
			J. Agnew, for one pair of wheels for tool-house,	-	-	-	-	-	-	10	00
	12 Sept.	7,	Wages of workmen, for August,	-	-	-	-	-	-	179	15
			Colwell & Co., for iron Castings,	-	-	-	-	-	-	69	60
			Lewis James & Co., for 6763 lbs. pig lead,	-	-	-	-	-	-	371	96
			Spillard & Dodge, for one pressure gauge.	-	-	-	-	-	-	36	25
	13 Oct.	5,	Wages of workmen, for September,	-	-	-	-	-	-	103	73
	14 Nov.	2,	Do do October,	-	-	-	-	-	-	114	37
	16 Dec.	7,	Do do November,	-	-	-	-	-	-	114	25
	18 Dec.	28,	Do do December,	-	-	-	-	-	-	197	61
			C. Smith, for wrought iron,	-	-	-	-	-	-	71	72
			L. Chester, for chandlery,	-	-	-	-	-	-	10	33
			S. J. Cresswell, for iron castings,	-	-	-	-	-	-	24	23
			Colwell & Co., do do	-	-	-	-	-	-	33	77
Amounts carried forward,										8089	04
										3796	81

No.	1843.		Dolls.	C.	Dolls.	C.
		Amounts brought forward,	8089	04	8796	81
18	Dec. 28,	William H. Knight, for hardware, - - - - -	18	79		
		Herbert & Davis, for lumber, - - - - -	5	04		
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<b>Fairmount Works.</b>						
1	Feb'y 2,	Wages of workmen, for January, - - - - -	47	00		
		J. Wooldridge, for weather-vane for tower, - - - - -	11	00		
		M. Baker & Sons, for lumber, - - - - -	64	54		
2	March 3,	Wages of workmen, for February, - - - - -	57	00		
		J. Keen & Son, for white oak start-stuff, - - - - -	13	16		
3	April 6,	Wages of workmen, for March, - - - - -	216	18		
		J. Glasgow, for whitewashing mill-houses, - - - - -	55	00		
		F. Jones, for brown zinc paint, - - - - -	11	00		
		T. Matlack, for black varnish, - - - - -	18	20		
		C. B. Rogers, for grass seed, - - - - -	17	87		
		J. Shaughney, for planting and trimming trees, - - - - -	39	00		
		Wm. F. Willson, for carpenters' work at mill-buildings, tower, &c., - - - - -	447	52		
4		De Angilie & Carrie, for tin work to spouts, &c., - - - - -	81	02		
		Smith & Brown, for patterns for iron horses for stairs, - - - - -	10	87		

		S. W. Weer, for painting all the wood-work at Fairmount, per measurement, - - - - -	1337	45	
5 May	4,	Wages of workmen, for April, - - - - -	190	71	
		Hart & Montgomery, for papering South dwelling, - - - - -	17	17	
		Brown & Carrick, for blacksmiths' work, wharf bolts, &c., - - - - -	50	93	
		William W. Taxes, rebuilding wharves, Coates street, - - - - -	391	70	
		G. Stockham, for wharf timber, - - - - -	685	22	
		Lukens & Hutchinson, for stone-work to wharves, - - - - -	355	38	
		S. W. Weer, for painting stand-pipe tower, - - - - -	39	26	
7 June	1,	Wages of workmen, for May, - - - - -	29	00	
		S. J. Cresswell, for iron horses for stairs up the hill, - - - - -	148	31	
		Wm. F. Willson, for new fences around reservoir No. 3, and on 2d bank of reservoirs, - - - - -	1217	80	
8 July	6,	Wages of workmen, for June, - - - - -	187	79	
		Reeves, Buck & Co., for nails, &c., - - - - -	9	20	
		J. P. Morris & Co., for repairs to pumps, - - - - -	37	57	
9 July	6,	William H. Knight, for hardware, - - - - -	38	10	
		Herbert & Davis, for lumber, - - - - -	223	72	
		J. Harper, for bricks, - - - - -	27	70	
		S. W. Weer, for painting new fence, reservoir No. 3, - - - - -	118	84	
10 July	22,	John Brown, for State tax on Fairmount, new reservoirs, and lot Second and Callowhill streets, less 5 per cent., - - - - -	907	73	
11 Aug.	3,	Wages of workmen, for July, - - - - -	32	50	
		Amounts carried forward,	7085	59	11904
					68



No.	1853.		Dolls.	C.	Dolls.	C.
		Amounts brought forward,	7085	59	11904	68
11 Aug.	3,	S. W. Weer, for white lead for painting works, per bill,	373	71		
		H. Swartzengrover, for lime, - - - - -	23	42		
12 Sept.	7,	Wages of workmen, for August, - - - - -	117	37		
		Morris, Tasker & Morris, for vault grates, - - - - -	9	00		
		Esler & Sons, for stools for the garden, - - - - -	99	40		
14 Oct.	5,	Wages of workmen, for September, - - - - -	146	29		
		William Harris, for stovepipe for millhouse, - - - - -	17	60		
		J. & S. Wood, for repairs to crank-wheel No. 8, - - - - -	34	56		
		J. Lloyd, for stone steps up the reservoir bank, S. E. corner, - - - - -	177	85		
15 Nov.	2,	Wages of workmen for October, - - - - -	92	50		
		T. Rowland, for sundries for use of the works, - - - - -	26	96		
16 Dec.	7,	Wages of workmen, for November, - - - - -	30	00		
		Estate of J. Lloyd, for flag-stone for roof of house over 30 cocks, - - - - -	49	50		
		J. Harper, for paving bricks, - - - - -	27	00		
18 Dec.	28,	Wages of workmen, for December, - - - - -	49	50		
		S. J. Cresswell, for iron castings, - - - - -	16	20		
		J. Brown, for county, school, corporation, and poor taxes, on Fairmount and new reservoirs, - - - - -	4459	00		
		R. B. Scott, for white oak timber and sawing, - - - - -	24	50		
		Morris, Tasker & Morris, for vault grate, - - - - -	4	50		
		Brown & Carrick, for blacksmiths' work, - - - - -	17	04		
		J. & S. Wood, for repairs to crank-wheel No. 8, - - - - -	11	23		
		Est. of William F. Willson, for carpenters' work, - - - - -	71	55		

J. Johnson & Co., for plumbers' work, fountain, &c.,	-	-	-	-	-	-	14	16	
J. McLane, for sundries for use of the works,	-	-	-	-	-	-	26	15	
								13004	38

**Water Power.**

1 Feb'y	2,	Wages of workmen, for January,	-	-	-	-	-	-	147	25	
2 March	3,	Do do February,	-	-	-	-	-	-	158	00	
3 April	6,	Do do March,	-	-	-	-	-	-	147	25	
		H. Coleman, for machinery oil,	-	-	-	-	-	-	138	75	
5 May	4,	Wages of workmen, for April,	-	-	-	-	-	-	142	50	
		Conley & Co., for refined oil,	-	-	-	-	-	-	52	50	
6 May	4,	Diehl & Duff, for lamp oil,	-	-	-	-	-	-	64	05	
7 June	1,	Wages of workmen, for May,	-	-	-	-	-	-	195	50	
		H. Coleman, for machinery oil,	-	-	-	-	-	-	52	50	
8 July	6,	Wages of workmen, for June,	-	-	-	-	-	-	177	25	
		L. Chester, for chandlery,	-	-	-	-	-	-	64	93	
		G. W. Ridgeway, for lamp oil,	-	-	-	-	-	-	58	05	
		H. Coleman, for machinery oil,	-	-	-	-	-	-	51	87	
9 July	6,	Wetherill & Brother, for paints, oil, &c.,	-	-	-	-	-	-	8	40	
								1458	80	24909	06

No.	1853.		Dolla.	C.	Dolla.	C.
		Amounts brought forward,	1458	80	24909	06
11	Aug. 3,	Wages of workmen, for July, - - - - -	170	50		
		H. Coleman, for machinery oil, - - - - -	50	00		
12	Sept. 7,	Wages of workmen, for August, - - - - -	195	50		
		H. Coleman, for machinery oil, - - - - -	101	25		
14	Oct. 5,	Wages of workmen, for September, - - - - -	165	00		
		J. F. Hutchinson, for fifty-five tons lump coal, - - - - -	247	50		
15	Nov. 2,	Wages of workmen, for October, - - - - -	170	50		
		Conley & Co., for five gallons oil, - - - - -	6	25		
		H. Coleman, for machinery oil, - - - - -	50	62		
16	Dec. 7,	Wages of workmen, for November, - - - - -	190	00		
		G. W. Ridgeway, for lard and lamp oil, - - - - -	63	00		
		H. Coleman, for machinery oil, - - - - -	104	37		
18	Dec. 28,	Wages of workmen, for December, - - - - -	170	50		
		L. Chester, for chandlery, - - - - -	89	88		
		E. & G. Dallet, for tallow, - - - - -	71	10		
		Wetherill & Brother, for black lead, &c., - - - - -	23	70		
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<b>Incidentals.</b>						
1	Feb'y 2,	C. Copeland, for pressure gauge for stand-pipe, - - - - -	35	00		
		F. Graff, expenses of self and city solicitor to New York, - - - - -	22	00		
					3328	47

		R. Park, for carriage hire, January 28, 1853, - - - -	7 00	
4 April	6,	Crissy & Markley, for printing and binding annual reports, -	592 75	
6 May	4,	W. H. Carr, agent, for sundries for corporation, April 28, 1853,	638 00	
		R. Park, carriage hire for corporation, April 28, 1853, - -	24 00	
		E. Trimmer, carriage hire for corporation, April 28, 1853, -	16 00	
		D. E. Beiller, carriage hire for corporation, April 28, 1853, -	16 00	
		G. W. McMahan, for payment of small bills in Register's office, -	50 00	
8 July	6,	O. Evans, for water cooler in Register's office, - - - -	5 00	
9 July	6,	G. W. Brown, for sundries for use of Committee, - - - -	143 50	
		William Dougherty, for serving notices delinquent water rents, -	10 00	
		G. W. Harvey, for serving notices delinquent water rents, -	10 00	
11 Aug.	3,	M. A. Kellogg, for carriage hire, April 28, 1853.	20 00	
12 Sept.	7,	Public Ledger, for publishing notice of reduction of water rent on		
		small houses, - - - - -	12 84	
		Daily Register, for publishing notice of reduction of water rent on		
		small houses, - - - - -	7 00	
14 Oct.	5,	Daily Sun, for publishing notice of reduction of water rent on		
		small houses, - - - - -	13 00	
		Pennsylvanian, for publishing notice of reduction of water rent on		
		small houses, - - - - -	14 00	
		Public Ledger, for publishing notice of reduction of water rent on		
		small houses, - - - - -	4 59	
15 Nov.	2,	R. Park, for carriage hire, October 12, 1853, - - - -	16 00	
Amounts carried forward,			1656 68	28237 53

No.			Dolls.	C.	Dolls.	C.
		Amounts brought forward,	1656	68	28237	53
16	Dec. 7,	G. W. McMahan, for payment of bill at Girard house, &c., - - -		52	00	
		Crissy & Markley, for books and stationery, - - -		127	13	
		G. W. Brown, for sundries for use of Committee, - - -		92	19	
		D. B. Beitler, for carriage hire during the summer, - - -		72	00	
		G. W. McMahan, for payment of small bills in Register's office, -		50	00	
		S. W. Weer, for painting tin signs for Register's office, - -		5	25	
17	Dec. 14,	E. Olmstead, for expense of obtaining deposition from California,		133	00	
		E. Olmstead, for payment of witness fees, &c., &c., - - -		200	00	
		D. P. Brown, first payment for professional services, - - -		200	00	
18	Dec. 28,	William Mann, for copying presses for Register's and Superin-				
		tendent's offices, - - - - -		21	37	
		F. Graff, for cash paid for sundries for use of the works, - -		16	75	
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Salaries.						
1	Feb. 2,	G. W. McMahan, for one month's salary, due February 1, 1853,		125	00	
		G. W. Harvey, for one month's salary, due February 1, 1853, -		41	67	
2	March 3,	G. W. McMahan, for one month's salary, due March 1, 1853, -		125	00	
		G. W. Harvey, for one month's salary, due March 1, 1853, -		41	67	
3	April 6,	G. W. McMahan, for one month's salary, due April 1, 1853, -		125	00	
		G. W. Harvey, for one month's salary, due April 1, 1853, -		41	66	
					2626	37

		F. Graff, for one quarter's salary, due April 1, 1853, -	500	00
5 May	4,	G. W. McMahan, for one month's salary, due May 1, 1853, -	125	00
		G. W. Harvey, for one month's salary, due May 1, 1853, -	41	67
7 June	1,	G. W. McMahan, for one month's salary, due June 1, 1853, -	125	00
		G. W. Harvey, for one month's salary, due June 1, 1853, -	41	67
9 July	6,	G. W. McMahan, for one month's salary, due July 1, 1853, -	125	00
		G. W. Harvey, for one month's salary, due July 1, 1853, -	41	66
		F. Graff, for one quarter's salary, due July 1, 1853, -	500	00
11 Aug.	3,	G. W. McMahan, for one month's salary, due August 1, 1853, -	125	00
		G. W. Harvey, for one month's salary, due August 1, 1853, -	41	67
12 Sept.	7,	G. W. McMahan, for one month's salary, due Sept. 1, 1853, -	125	00
		G. W. Harvey, for one month's salary, due Sept. 1, 1853, -	41	67
14 Oct.	5,	G. W. McMahan, for one month's salary, due October 1, 1853, -	125	00
		G. W. Harvey, for one month's salary, due October 1, 1853, -	41	66
		F. Graff, for one quarter's salary, due October 1, 1853, -	500	00
15 Nov.	2,	G. W. McMahan, for one month's salary, due Nov. 1, 1853, -	125	00
		G. W. Harvey, for one month's salary, due Nov. 1, 1853, -	41	67
16 Dec.	7,	G. W. McMahan, for one month's salary, due Dec. 1, 1853, -	125	00
		G. W. Harvey, for one month's salary, due Dec. 1, 1853, -	41	67
18 Dec.	28,	G. W. McMahan, for one month's salary, due Dec. 31, 1853, -	125	00
		G. W. Harvey, for one month's salary, due Dec. 31, 1853, -	41	66
		F. Graff, for one month's salary, due Dec. 31, 1853, -	500	00
				4000 00
		Amount carried forward,		34863 90

No.	1853.		Dolls.	C.	Dolls.	C.
		Amount brought forward,			84863	90
<b>Additional Reservoirs,</b>						
2	Feb.	2, Wages of workmen, for January, - - - - -	202	27		
		E. Smith & Sons, for hydraulic cement, - - - - -		8	75	
		J. P. Morris & Co., for work to stand pipe, done in 1852, - - -	808	29		
		C. Coulter, for repaving over thirty inch main, laid in Coates street, 1852, - - - - -		539	10	
2	March	3, Wages of workmen, for February, - - - - -		35	00	
3	April	6, Wages of workmen, for March, - - - - -		38	75	
		Reading Rail Road Company, for work done at crossing, at Coates street, - - - - -			15	00
		William F. Willson, for carpenter's work to tower, per bill, - - -	590	00		
4	April	6, DeAngelie & Carrie, for tin smith's work to tower, per bill, - - -		48	45	
5	May	4, Wages of workmen, for April, - - - - -		373	75	
7	June	1, Wages of workmen, for May, - - - - -		570	62	
		G. Cubbler, for sodding Reservoirs banks, per contract, on account, - - -		528	22	
8	July	6, Wages of workmen, for June, - - - - -		619	51	
9	July	6, Herbert & Davis, for lumber, - - - - -		29	27	
11	Aug.	3, Wages of workmen, for July, - - - - -		494	96	
		G. Cubbler, balance for sodding Reservoir banks, - - - - -		111	30	
12	Sept.	7, Wages of workmen, for August, - - - - -		207	60	

13	Sept.	26,	District of Spring Garden, for water pipes laid on Sch. Front st.	1041	75		
14	Oct.	5,	Wages of workmen, for September, grading foot-ways, - -	243	16		
15	Nov.	2,	Wages of Workmen, for October, - - - - -	108	30		
			J. Barr, on account, for paving foot-ways per agreement, - - -	116	85		
			T. Mansfield, for curbstone, and setting, - - - - -	736	83		
16	Dec.	7,	Wages of workmen, for November, - - - - -	245	74		
			C. Smith, for hydraulic cement, - - - - -	6	00		
			T. Mansfield, for Surveyor's charge, giving line of curb, - - -	32	40		
			J. Barr, balance for paving foot-ways, - - - - -	158	70		
			J. Harper, for paving bricks, - - - - -	528	00		
18	Dec.	28,	Wages of workmen, for December, - - - - -	89	24		
			Herbert & Davis, for lumber, - - - - -	15	04		
			G. Cubbler, for filling pits on Board of Health lot, - - - - -	75	00		
			C. Carnell, for repairs to clay wheels, in 1852, - - - - -	9	00		
			William L. Hulburt, for lime, - - - - -	5	00		
			Reeves, Buck & Co., for nails, - - - - -	15	30		
						8647	15
						43511	05

( 27 )



No.	1853.		Dolls.	C.	Dolls.	C.
		<b>Abstract of Payments made by the Watering Committee.</b>				
		<i>From December 31, 1852, to December 31, 1853.</i>				
		Distribution, - - - - -	3796	81		
		Iron Pipes, - - - - -	8107	87		
		Fairmount Works, - - - - -	13004	38		
		Water Power, - - - - -	3328	47		
		Incidentals, - - - - -	2626	37		
		Salaries, - - - - -	4000	00		
		Additional Reservoirs, - - - - -	8647	15		
			<hr/>			
			43511	05		
		<b>Sums paid into the City Treasury,</b>				
		<i>From December 31, 1852, to December 31, 1853.</i>				
Jan.	27,	Rent of wharf, Coates street, and for old iron and old clay wheels, &c., &c., sold, - - - - -			591	93
July	19,	Rent of wharf, Coates street, - - - - -			100	00
Oct.	5,	Rent of house on Board of Health lot, and for old logs sold, -			28	68
Dec.	7,	Rent of house on Board of Health lot, and for old barrows sold, -			30	00
					<hr/>	
					750	61

## Account of Iron Pipes.

Pipes laid in former years, from October, 1819, to Dec. 31, 1852, 453,023 ft.

PIPES LAID IN THE YEAR 1853.	Size. Inches	Feet.	Feet.
Aspen street, from Pine to Lombard, - -	8	272	
St. David street, from Vine, southward, -	"	357	
Sohykill Water and South street, to connect Sutherland avenue, - - - - -	"	30	
Barker street, from Nineteenth street, west- ward, - - - - -	"	230	
Coxe's street, from Eighteenth to Nineteenth streets, - - - - -	"	446	
F— street, from Twenty-Second to Ashton streets, - - - - -	"	298	
Dunlap street, from Chesnut, southward, -	"	102	
Burton street, from Fifteenth, eastward, -	"	70	
Wilton street, northward across Mary street, -	"	76	
Burton street, westward to Sixteenth, - -	"	221	2102
Oak street, from High street, southward, -	4	207	
Connections to seven fire plugs, - - -	"	175	882
Arch street, from Sixteenth street, westward,	6	315	
South street, from Water to Sutherland avenue,	"	112	
Twentieth street, from Filbert to Dorithea, -	"	70	
Ashton street, northward to Spruce, - -	"	608	
Locust street, from Rittenhouse square to Twentieth, - - - - -	"	297	
Arch street, east from formerly laid to near Broad, - - - - -	"	103	
Twentieth street, from Market street, north- ward, - - - - -	"	440	
Arch street, from Twenty-First street, east- ward, - - - - -	"	260	
Arch street, from Nineteenth street, westward,	"	210	
Locust street, across Nineteenth street, -	"	100	
Arch street, from Eighteenth street, westward,	12	186	2510
			186
			5,180
Being 163 feet over 86½ miles, - - -			453,203 ft.

There are now 677 fire plugs, and 249 hydrant pumps in the city.

## CONSUMPTION OF WATER, &c., DURING THE YEAR 1853.

	Total quantity of water pumped during the year, ale gallons.	Average amount pumped per day, ale gallons.	Total number of hours the 8 old wheels worked each month.	Average number of hours each wheel worked per day	Total number of hours the turbine worked	Average daily work of the turbine.	Average depth of water flowing over the dam.	Rain fell during the year.	Average temperature of the month.
							Inches.	Inches.	
January, - - -	132,964,510	4,289,177	1,881	7.88	333	10.74	17.87	1,845	38.18
February, - - -	116,700,085	4,167,860	1,527	6.81	338	12.07	21.5	4,440	37.85
March, - - -	161,552,665	4,888,795	2,010	8.10	422½	13.63	19.26	2,462	43.06
April, - - -	174,302,740	5,810,091	2,395	9.98	411½	13.71	16.83	3,885	52.44
May, - - -	205,473,135	6,628,165	2,976	8.00	420½	13.56	19.03	5,173	63.46
June, - - -	232,641,625	7,754,720	3,269	18.62	463½	15.45	18.43	1,100	73.77
July, - - -	241,644,555	7,794,985	3,343½	18.43	523½	16.88	16.19	6,296	75.50
August, - - -	245,941,990	7,933,612	3,382	18.63	526½	16.98	11.86	3,088	74.56
September, - - -	227,560,425	7,585,347	3,156	18.15	496	16.53	11.26	4,463	68.53
October, - - -	204,887,075	6,609,260	2,338½	11.44	400	12.90	12.55	3,470	53.48
November, - - -	176,609,985	5,886,999	2,684½	10.97	233½	7.78	17.36	2,320	47.89
December, - - -	164,180,440	5,618,724	2,255	9.09	375	12.09	14.64	2,165	34.98
<b>TOTALS,</b>	2,274,459,230	6,231,395	31,617½	10.82	4,943½	13.54	15.98	40,657	54.84

The largest quantity of water pumped in any one day, was 11,451,790 ale gallons.

The greatest amount of water running over the dam, was 4 feet 9 inches, on Tuesday, July 26, 1853.

STATISTICS RELATING TO FAIRMOUNT WATER WORKS.

Y. E. A. R.	AMOUNT of Water Rents.	AMOUNT of Expenditures.	NUMBER of Tenants.	FEET of Wood Pipes Laid.	FEET of Iron Pipes Laid.	AVERAGE Daily Supply of Water. Ale Gallons.	No. of Losses Supplied each Tenant.	CHAIRMAN OF COMMITTEE.	ENGINEER AND SUPERINTENDENT.
1801	278 00		34	7,000				J. Miller, Jr.,	B. H. Latrobe,
1802	537 60		152	29,963				Ditto	Ditto
1803	961 00	295,352 09	267	15,000				Ditto	John Davis,
1804	1,800 00	34,213 06	345	30,472	3,978			J. Vanuxem,	Ditto
1805	3,200 00	41,168 17	685	28,200				Ditto	F. Graff, Sr.,
1806	5,050 00	57,623 05	1,166	12,000				Ditto	Ditto
1807	4,987 17	26,164 93	1,181	2,000				Ditto	Ditto
1808	5,207 01	24,629 62	1,284	2,164				Ditto	Ditto
1809	9,105 00	29,467 13	1,590	5,630				Ditto	Ditto
1810	10,931 50	26,906 48	1,922	7,891				Ditto	Ditto
1811	12,163 00	29,702 26	2,127	5,015				Ditto	Ditto
1812	15,629 00	27,946 85	2,396	6,718				Ditto	Ditto
1813	16,638 00	30,359 58	2,687	7,436				Ditto	Ditto
1814	17,883 00	33,865 69	2,850	4,441		793,250	278	Ditto	Ditto
1815	18,499 00	183,289 62	2,983	9,395		840,000	281	George Vaux,	Ditto
1816	19,974 50	51,219 63	3,227	14,410				Ditto	Ditto
1817	19,922 00	51,389 26	3,248	6,399	400	879,688	270	J. S. Lewis,	Ditto
1818	21,120 50	34,721 83	3,488	3,785				Ditto	Ditto
1819	21,998 50	119,063 68	3,847	3,000				Ditto	Ditto
1820	23,016 50	149,700 75	4,170	3,588	9,570			Ditto	Ditto
1821	24,584 50	115,746 36	4,590	5,803	8,475			Ditto	Ditto
1822	25,485 50	106,517 82	4,758	3,397	16,035			Ditto	Ditto
1823	26,013 09	69,238 54	4,844	3,754	14,933	1,616,160	333	Ditto	Ditto
1824	26,574 20	82,208 94	5,061	3,072	20,500	1,473,200	291	Ditto	Ditto
1825	27,299 18	44,307 37	5,470	5,895	11,394	1,280,700	234	Ditto	Ditto
1826	29,764 64	78,517 40	5,879	4,913	27,496	1,400,000	238	Thomas Hale,	Ditto
1827	37,558 27	80,749 92	6,204	2,197	41,044	1,340,000	216	Ditto	Ditto
1828	46,475 61	64,150 64	6,775	2,275	23,285	1,690,000	249	Ditto	Ditto
1829	52,313 17	81,180 06	9,633	600	16,868	1,800,200	186	Ditto	Ditto
1830	68,918 27	35,660 84	10,143	850	26,675	2,020,100	199	W. J. Duane,	Ditto
1831	65,694 62	63,009 57	11,386	1,131	15,630	2,420,000	212	Ditto	Ditto
1832	73,019 81	65,185 58	11,646	220	16,296	3,000,200	257	J. P. Wetherill.	Ditto
1833	79,437 01	37,354 06	13,472		9,497	3,388,100	222	Ditto	Ditto
1834	85,258 15	65,163 33	14,204		13,597	3,400,100	239	Ditto	Ditto
1835	92,116 82	73,288 38	18,704		17,637	3,364,625	179	Ditto	Ditto
1836	101,266 39	71,706 51	19,674		17,283	3,422,964	174	Ditto	Ditto
1837	103,870 92	49,730 10	20,462		8,050	3,456,383	168	Ditto	Ditto
1838	109,826 06	50,642 29	21,947		11,803	3,850,647	175	Ditto	Ditto
1839	121,099 87	24,742 39	22,636		5,255	3,978,357	175	Ditto protem.	Ditto
1840	126,074 51	22,452 44	23,482		2,618	4,034,638	171	Ditto	Ditto
1841	134,634 67	24,701 75	24,828		1,865	4,445,630	179	Ditto	Ditto
1842	139,682 97	63,911 40	25,616		3,083	4,287,480	166	Ditto	Ditto
1843	144,765 74	63,171 84	26,549		5,373	4,432,400	166	Ditto	Ditto
1844	151,501 37	29,713 85	28,082		6,618	5,330,455	189	Ditto	Ditto
1845	92,226 76	25,891 38	20,165		5,520	4,117,559	204	Ditto	Ditto
1846	100,200 26	50,771 29	21,551		15,421	3,492,963	162	Ditto	Ditto
1847	110,505 17	34,116 18	22,789		9,279	4,075,682	178	Ditto	Ditto
1848	117,976 30	49,580 32	24,230		17,781	4,275,552	176	Ditto	F. Graff,
1849	125,511 41	84,576 74	25,670		11,842	4,421,190	172	Ditto	Ditto
1850	132,592 31	131,826 22	27,550		22,253	4,785,338	174	Ditto	Ditto
1851	140,313 50	92,380 19	29,014		7,867	5,690,744	196	Ditto	Ditto
1852	151,323 05	72,347 06	30,592		12,630	5,731,744	271	Ditto	Ditto
1853	163,071 01	43,511 05	32,300		5,180	6,231,395	212	J. E. Hager & Jos. M. Thomas.	Ditto
	\$ 3,257,915 88	3,290,125 10		241,604	462,581*				

\* The Pipes laid in 1804 and 1817, were taken up, and should be deducted from the above amount.

*Date of important events connected with the Water Works  
of Philadelphia.*

<i>Month.</i>	<i>Year.</i>	
April	10, 1792,	Delaware and Schuylkill Canal Co. incorporated, with right to supply the City with water.
		1797, First petition handed to Councils, asking for the introduction of water into the City.
Jan.	81, 1798,	Councils offered £50,000, for one-half of the water of Delaware and Schuylkill Canal.
July		1798, Latrobe surveyed Spring Mill Creek, reported to Councils.
Jan.		1799, Latrobe's plan for the Centre Square and Schuylkill Chestnut street Works—adopted.
Feb.	7, 1799,	Ordinance passed, authorizing loan of \$150,000, for purpose of supplying the City with water.
May	2, 1799,	Centre Square and Schuylkill Works commenced—and
Jan.	21, 1801,	The first water was supplied from them.
		1808, Public hydrant pumps and iron fire plugs first introduced, up to and including which time, the cost of the works was \$295,452 09. The first iron pipes laid as an experiment in Water street.
		1809, Expense of keeping steam engines going, was for Schuylkill Engine, \$6,254 86, and Centre Engine, \$7,552 87, together, \$13,807 23.
		1811, Up to this time, there was 280 hydrant pumps, and 185 fire plugs in the City.
Oct.	24, 1811,	Councils directed the Watering Committee to enquire for a better method of supplying the City. Up to this time, the cost of the works was for engine building, canals, tunnels, &c., - - - 248,985 59 For distribution, logs, &c., - - - 259,525 92
		Together, - - - \$508,511 51
Dec.	18, 1811,	Frederick Graff and John Davis made surveys of Wissahickon and Spring Mill Creeks, and the east side of the Schuylkill, from Upper Ferry Bridge to the Falls, and reported in favor of steam works at Fairmount, which report was adopted—and
June	28, 1812,	First purchase made at Fairmount, for \$16,666 67.
Aug.		1812, The steam works at Fairmount were commenced.
Feb.	16, 1813,	Bill authorizing City to lay pipes through the streets of the district, passed Legislature. The cost of keeping the engines going, was for Schuylkill engine, \$11,900 07 for Centre Square engine, \$13,740 18, together, \$25,640 25, to raise 793,250 gallons per day.
Sept.	7, 1815,	Started steam works at Fairmount, and finished Reservoir No. 1, when Centre Square Works were discontinued.

<i>Month.</i>	<i>Year.</i>	
	1817,	First iron pipes, similar to those now in use, were laid, imported from England.
	1818,	Committee resolved to lay iron pipes in future. Cherry street work shop erected.
June 20,	1818,	The boiler of Oliver Evans engine burst.
Jan. 26,	1819,	Committee approved of the plan of distribution of iron pipes as devised by Frederick Graff.
April 8,	1819,	Councils resolved to erect water power works at Fairmount.
April 19,	1819,	Building of the dam was commenced.
July 20,	1819,	Authority to raise the dam 18 inches higher than was first contemplated was obtained.
June 25,	1820,	First iron main laid, 22 and 20 inch diameter.
July 23,	1821,	Last crib sunk.
Jan. 1,	1821,	Water flowed over dam first time.
April 28,	1821,	Register water rents adopted.
July 1,	1821,	Corner stone of Mill Buildings laid on Saturday.
Oct. 25,	1822,	First water wheel started to work to supply City, Monday.
Jan. 14,	1822,	Use of steam works at Fairmount discontinued.
	1824,	Extra water power purchased from Navigation Company, for \$26,000.
April 26,	1826,	Contracted to supply Spring Garden.
June 6,	1826,	“ “ “ Northern Liberties.
June 1,	1826,	“ “ “ Southwark.
Nov. 10,	1827,	Wheel No. 4 started, Reservoir No. 3 finished.
	1829,	Second main laid from Fairmount.
	1829,	Centre Square engine building taken down.
Feb. 13,	1829,	Bill to prevent passage of streets through Fairmount, passed Legislature.
Oct. 10,	1831,	Second contract to supply western part of Spring Garden.
June 6,	1832,	Contract to supply Moyamensing.
March 26,	1832,	Building guard pier.
April 5,	1832,	Wheel No. 5 started.
		Twenty-two inch main taken up, and relaid on the Rail Road.
Oct. 5,	1833,	Contract to supply Kensington signed.
Nov. 5,	1834,	Wheel No. 6 started.
Dec. 20,	1834,	Bill for protection of purity of Schuylkill water, passed the Legislature.
Nov. 4,	1835,	First section of Reservoir No. 4 finished.
	1835,	Pavilion at end of dam built, and old engine building altered to a public saloon.
Nov. 12,	1836,	Second and third, “ “ “
	1837,	Retaining wall on Fairmount street, built.
	1840,	New set of Forebay Head gates put in.
May 2,	1842,	Re-building the dam from low tide up, commenced.
Dec. 7,	1843,	“ “ “ “ finished, cost \$56,216 85.
Aug. 24,	1843,	Started wheels No. 7 and No. 8.
		Put in new set of Head Gates to all the floors.
Dec. 31,	1844,	Supply of water discontinued to Spring Garden, Northern Liberties and Kensington.

<i>Month.</i>		<i>Year.</i>	
Jan.	1,	1845,	New contract to supply Moyamensing and Southwark for ten years, from this date.
July	14,	1846,	Started wheels Nos. 1, 2, 3, which had been re-built, with their pumps.
		1846,	Took up 3 inch pipes in Water street, and relaid it with 6 inch, per Girard's will.
March	9,	1847,	Bill to vacate Biddle street, passed Legislature.
		1847,	Enlarged the garden and put up iron railing.
Nov.	11,	1848,	Supplied the Northern districts for two weeks, whilst they repaired their reservoir, which was partly carried away.
July	5,	1849,	Councils authorized the laying of 30 inch main.
Aug.	30,	1849,	Councils agreed to purchase lot for new reservoir.
		1850,	Thirty inch main laid.
April	21,	1851,	New reservoir commenced.
			Cleansed reservoirs Nos. 1 and 3, and one section No. 4.
Dec.	16,	1851,	Turbine started.
			Cleansed reservoir No. 2.
Dec.	22,	1852,	Water admitted to new reservoir.

NOTE.—The Water Works of Philadelphia, were the first of any size erected in the United States, their experience has been sought after, and they have served as a model for almost every City, since supplied in this country.

FREDERICK GRAFF,

*Superintendent Fairmount Water Works*

December 31, 1853.

AN  
**ABSTRACT OF THE ACCOUNTS**  
KEPT IN THE  
OFFICE OF THE WATERING COMMITTEE,  
CITY HALL,  
FOR AND DURING THE YEAR 1858.



No. 1.

STATEMENT *Setting forth the Amount of Revenue received from Water Rents, the cost of Collection, the Appropriation by Councils to the Watering Committee, and the Amount expended during the year 1853.*

	Dolls.	C.	Dolls.	C.		Dolls.	C.	Dolls.	C.
Amount of Duplicates of Water Rents for the City and Districts, as per last Report, No. 8,	161,120	42			Amount paid by Collectors to the City Treasurer, as per No. 5, - - - - -	105,998	39		
<i>To which add:</i>					Amount paid by Treasurer of Girard Trust to the City Treasurer, as per No. 11, -	1,202	00		
For Re-assessments in City, as per No. 5, -	69	50			Amount paid by Register to City Treasurer, as per No. 2, - - - - -	20,287	35		
For Re-assessments in Southwark, &c., per No. 9, - - - - -	20	00			Amount paid by Treasurer of the District of Moyamensing to the City Treasurer, as per No. 10, - - - - -	12,587	65		
For Delinquents for 1850, sued as per No. 6,	278	53	161,209	92	Amount paid by Treasurer of the District of Southwark to the City Treasurer, as per No. 9, - - - - -	22,995	62	163,071	01
For Delinquents for 1851, sued as per No. 6,	302	75			Commissions allowed Southwark for 1853, as per No. 9, - - - - -	4,058	05		
For Delinquents for 1852, sued as per No. 6,	269	75			Commissions allowed Moyamensing for 1853, as per No. 10, - - - - -	2,221	35		
For Fractional Water Rents for 1853, received during the year in advance, as per No. 2, -			846	03	Commissions allowed City Collectors for 1853, as per No. 5, - - - - -	4,513	86		
			14,047	22	Amount allowed Southwark in settlement, as per No. 9, - - - - -	15	00	10,793	26
For amount placed in Register's hands, to pay petty bills in the office, in 1853, - - -	100	00			Amount allowed Moyamensing in settlement, as per No. 10, - - - - -	60	50		
Amount in hand, December 31, 1852, - -	21	21	121	21	Amount allowed in settlement of City Duplicates, - - - - -	167	50		
								243	00

	Amount placed in hands of Alderman Kenney, to be sued for 1853, as per No. 6, - - -		194 50
	Amount Delinquent Water Rents for 1850, outstanding, as per No. 6, - - -		284 25
	Amount Delinquent Water Rents for 1851, outstanding, as per No. 6, - - -		284 25
	Amount Delinquent Water Rents for 1852, outstanding, as per No. 6, - - -		121 50
	Amount paid costs of suit on Delinquents, for 1850 and 1852, - - -		23 90
	Amount expended by Register, for petty bills, - - -	78 49	
	Amount on hand, December 31, 1853, - - -	42 72	
			121 21
			1,187 50
176,224 88			176,224 88

( 37 )

## No. 2.

*Amount of Cash received by the Register of the Watering Committee, and paid into the City Treasury, during the year 1853.*

1853.		Dolls. C.	Dolls. C.
Dec. 31,	For City fractional Water Rents,	6985 02	
	For Southwark do do	1258 70	
	For Moyamensing do do	813 30	
	For Ferrules, - - -	1477 50	
	For Repaving, - - -	1191 00	
	For back rents, received, -	351 60	
	For watering the streets, &c., -	881 10	
	For Delinquents in advance for 1854, - - - -	897 00	
	For new Permits in December, in advance for 1854, - -	192 00	
			14047 22
	For Water Rents payable to Register in the office, as per last Report, No. 4, - -	5054 00	
	For Delinquents for 1853, -	954 00	
	For Water Rents of 1850, sued, - - - -	31 50	
	For Water Rents of 1851, sued, - - - -	68 50	
	For Water Rents of 1852, sued, - - - -	132 13	
			6240 13
			20287 35

## No. 3.

*Statement of the amount appropriated by Councils to the Watering Committee for the year 1853, and the amount expended by them under the several heads of accounts, kept by the Register.*

	APPROPRIATED.	EXPENDED.	BALANCE.
As per Estimate in Report of 1852, and Ordinance of June 9, September 15, and December 22, 1853:			
Distribution, - - -	3928 00	3796 81	131 19
Water Power, - - -	3362 00	3328 47	33 53
Salaries, - - -	4000 00	4000 00	
Iron Pipes, - - -	8210 00	8107 87	102 13
Fairmount Works, - -	13011 00	13004 38	6 62
Incidentals, - - -	2689 00	2626 37	62 63
Additional Reservoirs, -	8688 00	8647 15	40 85
	43888 00	43511 05	376 95

## No. 4.

*Statement of the List of Water Rents payable to the Register, in the office, City Hall, on or before the first day of June, 1854.*

	Dolls. C.
Joseph S. Lovering & Co., Sugar House, 27 Church alley,	1500 00
Feltus & Zimmarling, Sugar House, N. E. corner Crown and Race streets,	800 00
Trustees of Philadelphia Gas Works,	600 00
W. H. Horstman & Sons, Factory, N. E. corner Fifth and Cherry streets,	458 00
H. Cowperthwait, Artisan Building, Ranstead Place,	375 00
Presbury & Billings, Girard House, Chesnut street,	299 00
Samuel F. Fisher, Girard House, Chesnut street,	102 00
J. Taber & Son, La Pierre House, Broad street,	283 00
Robert E. Matheys, Public Baths, George street,	252 00
George L. Broom, Sugar House, Bread street,	250 00
Thomas Drake, Sixty-seven Horse Power Steam Engine, S. W. corner Pine and Twenty-First streets,	201 00
James Maxwell, Water Wheel, 460 Cedar street,	200 00
Thomas Maxwell, Water Wheel, N. W. corner Pine and Dugan streets,	200 00
J. D. Brown, Arcade Hotel, Chesnut street,	194 00
Thomas S. Webb, Union Hotel, Arch street,	168 00
James R. Snowden, Thirty Horse Power Steam Engine, &c. N. W. corner Chesnut and Juniper streets,	165 00
John J. Ridgway, American Hotel, Chesnut street,	156 00
Howell & Brothers, Paper Factory, N. W. corner Howell and Nineteenth streets,	140 00
Robert Smith, Brewery, N. W. corner Fifth and Minor streets,	128 00
Samuel Smyth, Distillery, Ashton street above Race,	125 00
E. & D. Ford, Factory, 83 Race street,	125 00
Poultney, Collins & Massey, Brewery, N. W. corner Tenth and Filbert streets,	124 50
Charles Evans, Factory, N. E. corner Bread and Quarry streets,	122 50
John Brock, Ashland House, Arch street, west of Seventh,	120 00
David Milne & Son, Factory, Lombard street,	120 00
A. F. Glass, Washington House, Chesnut street,	107 00
C. McKibben, Merchants Hotel, north Fourth street,	105 00
J. K. Murphy, Public Baths, 68 south Twelfth street,	100 00
Committee on City Property, for sundry premises,	36 00
Committee on Police, for sundry Station Houses,	35 00
	7591 00

## No. 5.

*Statement showing the settlement of the Duplicates of the City Water Rents, for the year 1853.*

	<i>Dolls.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>
Amount of Duplicates for 1853, as per last Report, No. 7, - - -			111758	75
Add for Re-assessments, - - -			69	50
			<hr/>	<hr/>
			111828	25
From which deduct:—				
For Commissions allowed T. Millar, -	907	01		
J. C. Dawes, -	911	37		
Wm. Patten, -	879	87		
G. W. Gillingham, -	932	49		
Henry Sailor, -	883	12		
	<hr/>	<hr/>		
	4513	86		
For Delinquents returned by				
T. Millar, - \$167 50				
J. C. Dawes, - 78 50				
Wm. Patten, - 189 00				
G. W. Gillingham, 345 50				
Henry Sailor, - 535 50				
	<hr/>	<hr/>		
	1316	00		
Less amount received by the Register, - - -	954	00		
	<hr/>	<hr/>		
	362	00		
			4875	86
Amount paid into the City Treasury,			106952	39
Of which, was paid:—				
By Thomas Millar, Collector, - -	21586	99		
By J. C. Dawes, do - -	21126	13		
By William Patten, do - -	21054	38		
By G. W. Gillingham, do - -	21036	01		
By Henry Sailor, do - -	21194	88		
	<hr/>	<hr/>		
	105998	39		
By Register, as per account No. 2, -	954	00		
	<hr/>	<hr/>	106952	39

*Statement of the Settlement of the Balance of unpaid Water Rents for the year 1853, as returned by the Collectors, and allowed to them by the Committee.*

	Dolls.	C.	Dolls.	C.
Delinquents for the year 1853, unpaid,			362	00
Delinquents for 1852, in suit, as per last Report, - - - -			269	75
Delinquents for 1851, in suit, as per last Report, - - - -			302	75
Delinquents for 1850, in suit, as per last Report, - - - -			273	53
<i>Accounted for, to wit, for the year 1852:</i>				
Amount received from Ald. Kenney, -	71	88		
Amount allowed to Alderman Kenney, for costs of suit, - - - -	14	12		
Amount allowed in cost of cutting off, -	2	00		
Amount received by Register, - -	60	25		
Balance due for 1852, - - - -	121	50		
			269	75
<i>For the year 1853.</i>				
Amount allowed by Committee, - -	167	50		
Amount placed in suit in Alderman Kenney's hands, - - - -	194	50		
			362	00
<i>For the year 1851.</i>				
Amount received by Register, - -	68	50		
Balance due for 1851, - - - -	234	25		
			302	75
<i>For the year 1850.</i>				
Amount received by Register, - -	31	50		
Amount allowed for costs of suit, -	7	78		
Balance due, - - - -	234	25		
			273	53

## No. 7.

*Statement showing the Amount of the Duplicates of Water  
Rents, for the year 1854.*

	Dolls.	C.	Dolls.	C.
<i>First District—</i>				
<i>Thomas Millar, Collector.</i>				
North Ward, - - - -	10258	25		
High Street Ward, - - - -	4822	50		
South Mulberry Ward, - - - -	9565	00		
			24145	75
<i>Second District—</i>				
<i>J. Crawford Dawes, Collector.</i>				
North Mulberry Ward, - - - -	13257	00		
Upper Delaware Ward, - - - -	5969	25		
Pine Ward, - - - -	4497	50		
			23723	75
<i>Third District—</i>				
<i>William Patten, Collector.</i>				
South Ward, - - - -	8657	00		
Walnut Ward, - - - -	3838	00		
Dock Ward, - - - -	5233	00		
New Market Ward, - - - -	5365	00		
			23093	00
<i>Fourth District—</i>				
<i>George W. Gillingham, Collector.</i>				
Spruce, Lombard and Cedar Wards, -	20576	00		
Chesnut Ward, - - - -	4272	50		
			24848	50
<i>Fifth District—</i>				
<i>Henry Sailor, Collector.</i>				
Middle Ward, - - - -	6481	50		
Locust Ward, - - - -	10685	75		
Lower Delaware Ward, - - - -	6015	75		
			23183	00
Amount to be collected for 1854, -			118994	00
Register received in advance for 1854, as per account No. 2, - - - -			1089	00
			120083	00



## No. 8.

Statement showing the Amount of Revenue from Water Rents in the City and Districts, for the year 1854; the number of Water Takers, the net increase of Water Rents, and the Amount declined, &c., in the City and Districts, for the year 1858.

		Dolls. C.	
CITY.			
	Amount of Duplicates for 1854, as per No. 7, - - -		120083 00
	Water Rents payable to Register, as per No. 4, - - -		7591 00
	Girard Estate Water Rents, payable to City Treasurer, -		1872 00
20409	<i>Water Takers.</i>		129046 00
SOUTHWARK.			
	Amount of Duplicates for the year 1854, - - -		29699 92
5771	<i>Water Takers.</i>		
MOYAMENSING.			
	Amount of Duplicates for the year 1854, - - -		16719 75
8120	<i>Water Takers.</i>		175465 67
29800			
CITY.		Dolls. C.	Dolls. C.
1220	New Permits issued in 1858, &c., -		12265 75
	From which deduct:—		
	For Amount declined, &c., - - -	2060 00	
	For Amount allowed by Committee, -	167 50	
	For Amount ordered to be sued, -	194 50	
			2422 00
	Net increase in the City, - - -		9848 75
SOUTHWARK.			
454	New Permits issued in Southwark, -		2814 25
	Amount declined, &c., - - -		163 00
	Net increase in Southwark, - - -		2651 25
MOYAMENSING.			
222	New Permits issued in Moyamensing, -		1910 75
	For Amount declined, - - -		60 50
	Net increase in Moyamensing, -		1850 25
1896	New Permits, net increase in the City and Districts in 1858, - - -		14845 25
	Amount taken from the Books of the City, - - -		\$2422 00
	Amount taken from the Books of Southwark, - - -		168 00
	Amount taken from the Books of Moyamensing, - - -		60 50
	Whole Amount taken off, - - - - -		\$2645 50

## No. 9.

*Statement of the Settlement of the Duplicates of Water Rents charged to the District of Southwark, for the year 1853, as per last report No. 8, the quantity of Iron Pipes laid, and the number of Fire Plugs erected in the District, to the year 1853, inclusive.*

	<i>Dolls.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>
Amount of Duplicates for 1853, -			27048	67
Add for Re-assessments, - - -	15	00		
Add for back rent, for 1852, - -	5	00	20	00
			<hr/>	
Less amount declined, &c., - -			27068	67
				15 00
			<hr/>	
Discount 15 per cent., - - -			27053	67
				4058 05
			<hr/>	
Amount paid by Southwark, in 1853, -			22995	62
			<hr/>	
	<b>FEET.</b>	<b>IN.</b>		
Iron Pipes laid to December 31, 1852,	96495	02		
Iron Pipes laid to December 31, 1853,	6664	00		
	<hr/>	<hr/>		
	108159	02		
	<hr/>	<hr/>		

211 Fire Plugs.

## No. 10.

*Statement of the Settlement of the Duplicates of Water Rents charged to the District of Moyamensing, for the year 1853, as per last Report No. 8, the quantity of Iron Pipes laid, and the number of Fire Plugs erected in the District, to the year 1853, inclusive.*

	Dolls.	C.	Dolls.	C.
Amount of Duplicates for 1853, -			14869	50
From which deduct:—				
For declinations, not included in last Report, - - - - -			60	50
			14809	00
Discount 15 per cent., - - -			2221	35
Paid by Moyamensing, in 1853, -			12587	65
	FEET.	IN.		
Iron Pipes laid to December 31, 1852,	68298	06		
Iron Pipes laid during the year 1853,	6012	00		
	74310	06		

145 Fire Plugs.

No. 11.

*The amount of Water Rents paid to the City Treasurer by the Treasurer of the Girard Estates, and the Payment of the Water Rents, payable to the Register before the first of June, in every year.*

	Dolls.	C.
Amount paid by the Treasurer of the Girard Estates, to the City Treasurer, as per last Report No. 8, - - - - -	1202	00
Amount paid by the Register to the City Treasurer, as per last Report No. 4, and No. 2 in this, - - - - -	5054	00

## No. 12.

*Statement of the number of Dwellings, &c., in the District of Moyamensing, supplied with the Schuylkill Water to the 31st of December, 1853, with the amount of Water Rent due for 1854, as per Report No. 8.*

	D.	C.	D.	C.	Dolls.	C.
1039 Dwellings or Court houses, having but one room on a floor, - - - -	250		2597	50		
2022 Dwellings, - - - -	500		10110	00		
284 Baths, - - - -	300		852	00		
46 Wash pavements, - - - -	300		138	00		
14 Water closets, - - - -	100		14	00		
1 Do - - - -	300		3	00		
7 Basins, - - - -	100		7	00		
9 $\frac{1}{2}$ Dwellings, having but one room on a floor and one story kitchen back, -	375		8375			
1 Church, - - - -	750				13755	25
16 Bakeries, - - - -	300					750
1 Drug Store, - - - -	250		250			4800
2 Do - - - -	500		1000			
2 Taverns, - - - -	375		750			1500
45 Do - - - -	1000		4500			
2 Do - - - -	1500		3000			
1 Do - - - -	1800		1800			
1 Trough for watering horses, -	1000		1000		505	50
2 Stables, - - - -	100		200			
3 Do - - - -	300		900			
1 Do - - - -	350		350			
1 Do - - - -	400		400			
11 Do - - - -	500		5500			
2 Do - - - -	800		1600			
2 Do - - - -	1000		2000			
1 Do and omnibuses, -	10400		10400			
					223	50
Amount carried forward,					14554	75

	<i>D.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>
Amount brought forward,					14554	75
5 Public Schools, - - - -	5	00	25	00		
1 Do - - - -	13	84	13	84		
1 Do - - - -	15	00	15	00		
2 Do - - - -	18	00	36	00		
					89	34
3 Barber Shops, - - - -	3	00	9	00		
2 Work Shops, - - - -	5	00	10	00		
					19	00
1 Garden, - - - -	5	00	5	00		
1 Oil Factory, - - - -	5	00	5	00		
1 Do - - - -	6	66	6	66		
2 Factories, - - - -	10	00	20	00		
2 Do - - - -	12	50	25	00		
1 Do - - - -	15	00	15	00		
					76	66
2 Distillery, - - - -	10	00	20	00		
1 Do - - - -	15	00	15	00		
					35	00
2 Dye Houses, - - - -	5	00	10	00		
3 Do - - - -	15	00	45	00		
3 Do - - - -	20	00	60	00		
1 Do - - - -	25	00	25	00		
1 Do - - - -	40	00	40	00		
					180	00
1 Vinegar Yard, - - - -	10	00			10	00
1 House of Industry, contain- ing 6 Public Baths, - - - -	6	00	36	00		
2 Basins, - - - -	1	00	2	00		
1 Kitchen and use of Boiler, - - - -	10	00	10	00		
					48	00
1 United States Arsenal, - - - -	30	00	30	00		
1 Laboratory, - - - -	100	00	100	00		
1 Naval Asylum, - - - -	141	00	141	00		
1 County Prison, - - - -	500	00	500	00		
					771	00
Amount carried forward,					2688	75

	D.	C.	Dolls.	C.	Dolls.	C.
Amount brought forward,					2683	75
1 Rail Road Depot,—						
6 Hydrants, -		5 00	30 00			
12 Water Closets, -		3 00	36 00			
6 Locomotives, -		75 00	450 00			
					516	00
1 2 Horse Power High Pressure Steam Engine, -		6 00	6 00			
1 4 Do and Foundry, -		17 00	17 00			
1 4 Do and Brewery, -		47 00	47 00			
1 10 Do do -		30 00	30 00			
1 10 Do and Paper Factory, -		70 00	70 00			
1 25 Do and Dye House, -		115 00	115 00			
1 30 Do do -		135 00	135 00			
					420	00
Amount of Duplicates of Moyamensing, - - - -					16719	75

## No. 13.

*Statement of the Number of Dwellings, &c., in the District of Southwark, supplied with the Schuylkill Water, to the 31st of December, 1853, with the Amount of Water Rent due for 1854, as per Report No. 8.*

	D.	C.	Dolls.	C.	Dolls.	C.
1443 Single Dwellings or Court Houses, having but one room on a floor, - -		2 50	3607 50			
3 Single Dwellings, with a one story kitchen, back, termed $\frac{1}{2}$ houses, - -		3 75	11 25			
4279 Dwellings,—with hydrant, each, - - - -		5 00	21395 00			
575 Baths, - - - -		3 00	1725 00			
Amount carried forward,			26738 75			

	<i>D.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>
Amount brought forward,			26738	75		
143 Wash Pavements, - - -	300		429	00		
12 Water Closets, - - -	100		12	00		
4 Do - - - - -	300		12	00		
10 Basins in chambers or pantries, - - -	100		10	00		
					27201	75
8 Drug Stores, - - - - -	250		20	00		
15 Stores, - - - - -	500		75	00		
						95 00
8 Churches, - - - - -	500					40 00
1 Garden, - - - - -	500		5	00		
1 Do - - - - -	800		8	00		
2 Fountains, - - - - -	300		6	00		
1 Do - - - - -	500		5	00		
						24 00
28 Bakeries, - - - - -	300		84	00		
2 Do - - - - -	250		5	00		
1 Do - - - - -	400		4	00		
1 Do - - - - -	500		5	00		
						98 00
2 Public Schools, - - - - -	500		10	00		
1 Do - - - - -	600		6	00		
1 Do - - - - -	1000		10	00		
2 Do - - - - -	1800		36	00		
1 Do - - - - -	2025		20	25		
						82 25
2 Work Shops, - - - - -	250		5	00		
9 Do - - - - -	500		45	00		
						50 00
3 Taverns, - - - - -	375		11	25		
3 Do - - - - -	500		15	00		
1 Do - - - - -	750		7	50		
50 Do - - - - -	1000		500	00		
8 Do - - - - -	1500		120	00		
						658 75
1 Hotel and Stable, - - - - -	2400		24	00		
1 Do - - - - -	2500		25	00		
			49	00		
Amount carried forward,			28244	75		



	D.	C.	Dolls.	C.	Dolls.	C.
Amount brought forward,			49	00	28244	75
1 Hotel and Stable, - - -	30	00	30	00		
1 Do - - -	40	00	40	00		
					119	00
1 Bottling Cellar, - - -	5	00	5	00		
1 Oyster Cellar, - - -	10	00	10	00		
					15	00
2 Barber Shops, - - -	8	00	6	00		
4 Do - - -	4	00	16	00		
8 Do - - -	5	00	15	00		
					87	00
1 Cow Stable, - - -	6	00	6	00		
8 Stables, - - -	3	00	9	00		
1 Do - - -	4	00	4	00		
22 Do - - -	5	00	110	00		
2 Do - - -	6	00	12	00		
2 Do - - -	8	00	16	00		
1 Do - - -	9	00	9	00		
3 Do - - -	10	00	30	00		
2 Do - - -	12	00	24	00		
1 Do - - -	13	00	13	00		
1 Do - - -	52	00	52	00		
					285	00
5 Slaughter Houses, - - -	5	00	25	00		
1 Do - - -	7	50	7	50		
1 Provision House, - - -	10	00	10	00		
1 Smoke House, - - -	12	00	12	00		
1 Provision House, - - -	25	00	25	00		
					79	50
3 Public Buildings, - - -	5	00	15	00		
1 Widows' Asylum, - - -	15	00	15	00		
					80	00
3 Factories, &c., - - -	5	00	15	00		
1 Pottery, - - -	8	00	8	00		
1 Skin Dresser, - - -	10	00	10	00		
1 Factory, - - -	10	00	10	00		
1 Laboratory, - - -	10	00	10	00		
1 Hattery, - - -	12	00	12	00		
			65	00		
Amount carried forward,					28810	25

	<i>D.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>
Amount brought forward,				65 00	28810	25
1 Soap Factory, - - -	15	00	15	00		
1 Sugar House, - - -	20	00	20	00		
1 Malt House, - - -	20	00	20	00		
1 Brewery, - - -	35	00	35	00		
1 Camphene Factory, - -	40	00	40	00		
					195	00
1 Distillery, - - -	40	00	40	00		
1 Do - - -	50	00	50	00		
					90	00
1 Marine Railway, - -	5	00	5	00		
1 Navy Yard, * - -	94	00	94	00		
					99	00
1 One and a half horse power high pressure Steam En- gine, &c., - - -	6	00	6	00		
3 Two horse power high pres- sure Steam Engines, -	6	00	18	00		
2 Three do do and Factory,	14	00	28	00		
2 Four do do do do	12	00	24	00		
1 Four do do do do	15	00	15	00		
1 Five do do do do	15	00	15	00		
1 Twelve do and Foundry,	56	00	56	00		
1 Twelve do do do	90	00	90	00		
1 Fifteen horse power high pressure Steam Engine, and	110	00	110	00		
1 Twenty horse power high pressure Steam Engine and Planing Mill,						
1 Sixteen do do do	48	00	48	00		
1 Twenty do do do	65	00	65	00		
1 Steam Engine and Factory,	30	67	30	67		
					505	67
Amount of Duplicates of South- wark, - - -					29699	92

## No. 14.

*Statement showing the number of Dwellings, &c., in the City of Philadelphia, supplied with the Schuylkill water to the 31st of December, 1853, with the amount of Water Rent due for 1854, as per Report No. 8.*

	D.	C.	Dolls.	C.	Dolls.	C.
2987 Single Dwellings, having but one room on a floor, and Court houses, - - -	2	50	7467	50		
21 Tenements, - - -	3	00	63	00		
21 Single Dwellings, with hydrant and bath, each, -	5	50	115	50		
73 $\frac{1}{4}$ Dwellings, having but one room on a floor, with one story kitchen back, - -	3	75	273	75		
					7919	75
7049 Dwellings, with hydrant, each - - - -	5	00	35245	00		
40 Do with hydrant and basin, each - -	6	00	240	00		
50 Do with hydrant and water closet, each -	6	00	300	00		
5 Do with hydrant and 2 water closets, each	7	00	35	00		
10 Do with hydrant and basin, and water closet, each -	7	00	70	00		
9 Do with hydrant & extra attachment, each -	7	50	67	50		
4 Do with hydrant, two basins and water closet, each -	8	00	32	00		
146 Do with hydrant & wash pavement, each -	8	00	1168	00		
3237 Do with hydrant & bath, each - - - -	8	00	25896	00		
201 Do with hydrant, bath & water closet, each	9	00	1809	00		
Amounts carried forward,			64862	50	7919	75

	D.	C.	Dolls.	C.	Dolls.	C.
Amounts brought forward,			64862	50	7919	75
16 Dwellings, with hydrant, bath and basin, each - - -	9	00	144	00		
9 Do with hydrant, wash- pavement and ba- sin, each - -	9	00	81	00		
4 Do with hydrant, two basins and two wa- ter closets, each -	9	00	36	00		
10 Do with two hydrants, extra ferrule, each	10	00	100	00		
10 Do with hydrant, bath & two basins, each -	10	00	100	00		
10 Do with hydrant, bath, basin and water closet, each -	10	00	100	00		
3 Do with hydrant, bath and 2 water closets, each - - -	10	00	30	00		
8 Do with hydrant & bath, extra ferrule, each	10	00	80	00		
974 Do with hydrant, bath & wash pavement, each - - -	11	00	10714	00		
5 Do with hydrant, four basins and two wa- ter closets, each -	11	00	55	00		
7 Do with hydrant and two baths, each - -	11	00	77	00		
1 Do with hydrant, five basins and water closet, each - -	11	00	11	00		
4 Do with hydrant, bath and three water closets, each -	11	00	44	00		
5 Do with hydrant, bath, water closet and two basins, each -	11	00	55	00		
Amounts carried forward,			76489	50	7919	75

		<i>D. C.</i>	<i>Dolls. C.</i>	<i>Dolls. C.</i>
Amounts brought forward,			76489 50	7919 75
306	Dwellings, with hydrant, bath, wash pavement and water closet, each - -	12 00	3672 00	
40	Do with hydrant, bath, wash pavement and basin, each - -	12 00	480 00	
4	Do with hydrant, bath, two basins and two water closets, each	12 00	48 00	
11	Do with hydrant, bath, wash pavement and two basins, each -	13 00	143 00	
3	Do with hydrant, bath, two basins and 3 water closets, each	13 00	39 00	
9	Do with hydrant, bath, wash pavement and two water closets, each - - -	13 00	117 00	
150	Do with hydrant, bath, wash pavement, basin & water closet, each - - -	13 00	1950 00	
3	Do with hydrant, bath, wash pavement and extra ferrule, each	13 50	40 50	
74	Do with hydrant, bath, wash pavement, water closet and two basins, each -	14 00	1036 00	
10	Do with hydrant, bath, wash pavement, basin and two water closets, each -	14 00	140 00	
8	Do with hydrant, bath, wash pavement and three basins, each	14 00	112 00	
Amounts carried forward,			84267 00	7919 75

	<i>D.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>
Amounts brought forward,			84267	00	7919	75
2 Dwellings, with hydrant, baths, basin and 2 water closets, each	14	00	28	00		
1 Do with hydrant, bath, wash pavement and garden, each -	14	00	14	00		
2 Do with hydrant, two baths and wash pavement, each -	14	00	28	00		
40 Do with hydrant, bath, wash pavement, wa- ter closet and three basins, each -	15	00	600	00		
4 Do with hydrant, bath, wash pavement, 3 water closets and basin, each - -	15	00	60	00		
3 Do with hydrant, two baths, wash pave- ment & basin, each	15	00	45	00		
11 Do with hydrant, two baths, wash pave- ment and water closet, each - -	15	00	165	00		
2 Do with hydrant, bath, wash pavement and four water closets, each - - -	15	00	30	00		
1 Do with hydrant, bath, two water closets and garden, each -	15	00	15	00		
9 Do with hydrant, bath, wash pavement, 2 water closets and 2 basins, each -	15	00	185	00		
1 Do with hydrant, bath, wash pavement and four basins, - -	15	00	15	00		
Amounts carried forward,			85402	00	7919	75

	D. C.	Dolls. C.	Dolls. C.
Amounts brought forward,		85402 00	7919 75
12 Dwellings, with hydrant, bath, wash pavement, water closet and 4 basins, each	16 00	192 00	
9 do with hydrant, bath, wash pavement, 3 water closets and two basins, each	16 00	144 00	
1 Do with hydrant, bath, wash pavement, 2 water closets and three basins, -	16 00	16 00	
12 Do with hydrant, two baths, wash pavement, water closet and basin, each	16 00	192 00	
4 Do with hydrant, two baths, wash pavement and two water closets, each	16 00	64 00	
1 Do with hydrant, bath, wash pavement and garden, -	16 00	16 00	
1 Do with hydrant, two baths and five water closets, -	16 00	16 00	
8 Do with hydrant, two baths, wash pavements, basin and two water closets, each	17 00	136 00	
9 Do with hydrant, two baths wash pavement, two basins & water closet, each	17 00	158 00	
2 Do with hydrant, two baths, water closet and 5 basins, each	17 00	84 00	
Amounts carried forward,		86365 00	7919 75

	<i>D.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>
Amounts brought forward,			86865	00	7919	75
1 Dwelling, with hydrant, three baths and wash pavement, -	17	00	17	00		
4 Do with hydrant, bath, wash pavement, wa- ter closet and five basins, each -	17	00	68	00		
2 Do with hydrant, bath, wash pavement, 3 water closets and three basins, each	17	00	84	00		
1 Do with hydrant, three baths and three water closets, -	17	00	17	00		
1 Do with hydrant and four baths, - -	17	00	17	00		
7 Do with hydrant, two baths, wash pave- ment, two water closets and two basins, - -	18	00	126	00		
7 Do with hydrant, two baths, wash pave- ment, water closet and three basins, each - - -	18	00	126	00		
3 Do with hydrant, bath, wash pavement, wa- ter closet and six basins, each -	18	00	54	00		
2 Do with hydrant, bath, wash pavement, 3 water closets and four basins, each -	18	00	36	00		
2 Do with hydrant, bath, wash pavement, wa- ter closet and foun- tain, each - -	18	00	36	00		
Amounts carried forward,			86896	00	7919	75



	<i>D.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>
Amounts brought forward,			86896	00	7919	75
1 Dwelling, with hydrant, bath, wash pavement, water closet and seven basins,		19	00		19	00
6 Do with hydrant, two baths, wash pavements, two water closets and three basins, each -		19	00	114	00	
1 Do with hydrant, bath, wash pavement, water closet and basin, and fountain, -		19	00		19	00
5 Do with hydrant, two baths, wash pavement, two water closets and four basins, each -		20	00	100	00	
1 Do with hydrant, two baths, wash pavement and 6 basins,		20	00		20	00
1 Do with hydrant, three baths, wash pavement and 3 water closets, - -		20	00		20	00
2 Do with hydrant, two baths, wash pavement, 6 basins and water closet, each		21	00		42	00
5 Do with hydrant, two baths, wash pavement, four basins and three water closets, each -		21	00	105	00	
2 Do with hydrant, two baths, wash pavement, 5 basins & 2 water closets, each		21	00		42	00
Amounts carried forward,			87377	00	7919	75

		D.	C.	Dolls.	C.	Dolls.	C.
Amounts brought forward,				878	77	00	7919
1	Dwelling, with hydrant, bath, wash pavement, two water closets and eight basins, - - -	21	00	21	00		
2	Do with hydrant, bath, wash pavement, water closet, four basins and one fountain, each - - -	21	00	42	00		
2	Do with hydrant, two baths, wash pavement, two water closets and 6 basins, each - - -	22	00	44	00		
1	Do with hydrant, two baths, wash pavement, one water closet and seven basins, - - -	22	00	22	00		
1	Do with hydrant, three baths, wash pavement, one water closet and 4 basins,	22	00	22	00		
5	Do with hydrant, two baths, wash pavement, one water closet and eight basins, each - - -	23	00	115	00		
1	Do with hydrant, two baths, wash pavements, four water closets & 5 basins,	23	00	23	00		
1	Do with hydrant, three baths, wash pavement, two water closets and four basins, - - -	23	00	23	00		
Amounts carried forward,				876	89	00	7919

		D.	C.	Dolls.	C.	Dolls.	C.
Amounts brought forward,				87689	00	791975	
1	Dwelling, with hydrant, two baths, wash pavement, two water closets and two basins, extra ferrule,	23	00	23	00		
2	Do with hydrant, two baths, wash pavement, one water closet and four basins, and extra ferrule, each, - -	24	00	48	00		
1	Do with hydrant, two baths, wash pavement, two water closets and eight basins, - -	24	00	24	00		
1	Do with hydrant, two baths, wash pavement, three water closets, three basins and fountain,	25	00	25	00		
1	Do with hydrant, two baths, wash pavement, three water closets and eight basins, - -	25	00	25	00		
1	Do with hydrant, three baths, wash pavement, three water closets & 5 basins,	25	00	25	00		
1	Do with hydrant, three baths, wash pavements, four water closets & 5 basins,	26	00	26	00		
1	Do with hydrant, three baths, wash pavement, four water closets and 6 basins,	27	00	27	00		
Amounts carried forward,				87912	00	791975	

	D.	C.	Dolls.	C.	Dolls.	C.
Amounts brought forward,			879	12 00	791	9 75
1 Dwelling, with hydrant, 3 baths, wash pave- ment, three water closets, three ba- sins and heater, -	28	00	28	00		
1 Do with hydrant, three baths, wash pave- ment, two water closets and nine basins, - - -	28	00	28	00		
1 Do with hydrant, three baths, wash pave- ment, seven water closets and six ba- sins, - - -	30	00	30	00		
1 Do with hydrant, bath, wash pavement and fountain, - - -	46	00	46	00		
1 Do with hydrant, bath, wash pavement, fountain & stable,	65	00	65	00		
20 Wash pavements, - - -	3	00	60	00		
8 Do do - - -	5	00	40	00		
1 Do do for sprinkling the street,	20	00	20	00		
					88229	00
112 Bakeries, - - - -	3	00	336	00		
4 Do - - - -	5	00	20	00		
2 Do - - - -	10	00	20	00		
					376	00
3 Schools, - - - -	2	50	7	50		
1 Do - - - -	3	00	3	00		
16 Do - - - -	5	00	80	00		
1 Do - - - -	7	50	7	50		
4 Do - - - -	10	00	40	00		
1 Do - - - -	11	00	11	00		
1 Do - - - -	12	00	12	00		
1 Do - - - -	13	00	13	00		
Amounts carried forward,			174	00	96524	75

		D.	C.	Dolls.	C.	Dolls.	C.
Amounts brought forward,				174	00	96524	75
1	Schools,	14	25	14	25		
3	Do	15	00	45	00		
1	Do	18	00	18	00		
1	Do	19	50	19	50		
1	Do	20	50	20	50		
1	Do	24	00	24	00		
1	Do	28	00	28	00		
1	Do	30	00	30	00		
1	Do	33	00	33	00		
1	Do	44	00	44	00		
						450	25
49	Churches,	5	00	245	00		
1	Do	7	00	7	00		
1	Do	7	50	7	50		
1	Do	8	00	8	00		
3	Do	10	00	30	00		
1	Do	11	00	11	00		
1	Do	12	00	12	00		
1	Do	13	00	13	00		
2	Do	14	00	28	00		
1	Do	15	00	15	00		
						376	50
26	Drug Stores,	2	50	65	00		
3	Do	3	00	9	00		
47	Do	5	00	235	00		
1	Do	8	00	8	00		
1	Do	10	00	10	00		
1	Do	15	00	15	00		
						342	00
3	Stores,	2	50	7	50		
9	Do	3	00	27	00		
4	Do	4	00	16	00		
250	Do	5	00	1250	00		
61	Do	6	00	366	00		
39	Do	7	00	273	00		
5	Do	7	50	37	50		
14	Do	8	00	112	00		
15	Do	9	00	135	00		
Amounts carried forward,				2224	00	97698	50

	<i>D.</i>	<i>C.</i>	<i>D.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>
Amounts brought forward,			2224	00	97693	50
12 Stores, - - - -	10	00	120	00		
9 Do - - - -	11	00	99	00		
13 Do - - - -	12	00	156	00		
7 Do - - - -	13	00	91	00		
4 Do - - - -	14	00	56	00		
8 Do - - - -	15	00	120	00		
2 Do - - - -	16	00	32	00		
3 Do - - - -	17	00	51	00		
4 Do - - - -	18	00	72	00		
2 Do - - - -	19	00	38	00		
4 Do - - - -	20	00	80	00		
2 Do - - - -	21	00	42	00		
1 Do - - - -	22	00	22	00		
4 Do - - - -	25	00	100	00		
2 Do - - - -	26	00	52	00		
2 Do - - - -	28	00	56	00		
1 Do - - - -	30	00	30	00		
1 Do - - - -	31	00	31	00		
1 Do - - - -	34	00	34	00		
City Stores, - - - -	21	00	21	00		
					3527	00
6 Banks, - - - -	5	00	30	00		
1 Do - - - -	6	00	6	00		
1 Do - - - -	8	00	8	00		
1 Do - - - -	9	00	9	00		
1 Do - - - -	15	00	15	00		
1 Do - - - -	16	00	16	00		
1 Do - - - -	18	00	18	00		
					102	00
21 Barber Shops, - - - -	3	00	63	00		
5 Do - - - -	4	00	20	00		
35 Do - - - -	5	00	175	00		
1 Do - - - -	6	00	6	00		
					264	00
3 Public Buildings, for mis- cellaneous purposes, - -	5	00	15	00		
1 Do do - - - -	7	50	7	50		
Amounts carried forward,			2256	101586	50	

				<i>D.</i>	<i>C.</i>	<i>D.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>
Amounts brought forward,						22	50	101586	50
8	Public Buildings, for miscellaneous purposes,		-	10	00	80	00		
2	Do do	-	-	11	00	22	00		
3	Do do	-	-	13	00	39	00		
2	Do do	-	-	15	00	30	00		
1	Do do	-	-	17	00	17	00		
1	Do do	-	-	16	00	16	00		
3	Do do	-	-	18	00	54	00		
1	Do do	-	-	19	00	19	00		
1	Do do	-	-	19	50	19	50		
1	Do do	-	-	20	00	20	00		
2	Do do	-	-	21	00	42	00		
2	Do do	-	-	22	00	44	00		
1	Do do	-	-	23	00	23	00		
1	Do do	-	-	24	00	24	00		
2	Do do	-	-	25	00	50	00		
1	Do do	-	-	27	00	29	00		
2	Do do	-	-	28	00	56	00		
1	Do do	-	-	29	00	29	00		
2	Do do	-	-	30	00	60	00		
8	Do do	-	-	31	00	93	00		
1	Do do	-	-	32	00	32	00		
1	Do do	-	-	24	00	34	00		
2	Do do	-	-	35	00	70	00		
4	Do do	-	-	40	00	160	00		
1	Do do	-	-	41	00	41	00		
1	Do do	-	-	45	00	45	00		
1	Do do	-	-	45	50	45	50		
1	Do do	-	-	48	00	48	00		
1	Do do	-	-	49	00	49	00		
1	Do Hospital,	-	-	50	00	50	00		
1	Do - - -	-	-	57	00	57	00		
1	Do Exchange,	-	-	60	00	60	00		
1	Assembly Buildings, -	-	-	75	50	75	50		
1	Hart's do	-	-	97	00	97	00		
1	Girard Buildings, So. 3d st.,			116	00	116	00		
								1767	00
Amounts carried forward,								103853	50

Amount brought forward,					D.	C.	D.	C.	Dolls.	C.
3	Stables,	-	-	-	100		300		103353	50
30	Do	-	-	-	200		6000			
1	Do	-	-	-	250		250			
22	Do	-	-	-	300		6600			
15	Do	-	-	-	400		6000			
232	Do	-	-	-	500	1160	00			
1	Do	-	-	-	550		550			
17	Do	-	-	-	600		10200			
7	Do	-	-	-	700		4900			
6	Do	-	-	-	800		4800			
6	Do	-	-	-	900		5400			
11	Do	-	-	-	1000		11000			
1	Do	-	-	-	1050		1050			
2	Do	-	-	-	1100		2200			
2	Do	-	-	-	1200		2400			
2	Do	-	-	-	1350		2700			
5	Do	-	-	-	1500		7500			
1	Do	-	-	-	1550		1550			
1	Do	-	-	-	1700		1700			
1	Do	-	-	-	1800		1800			
5	Do	-	-	-	2000		10000			
1	Do	-	-	-	2200		2200			
1	Do	-	-	-	2250		2250			
1	Do	-	-	-	2350		2350			
1	Do	-	-	-	2400		2400			
6	Do	-	-	-	2500		15000			
2	Do	-	-	-	2600		5200			
1	Do	-	-	-	2700		2700			
2	Do	-	-	-	2800		5600			
1	Do	-	-	-	2900		2900			
3	Do	-	-	-	3000		9000			
1	Do	-	-	-	3100		3100			
2	Do	-	-	-	3500		7000			
3	Do	-	-	-	4500		13500			
2	Do	-	-	-	5000		10000			
1	Do	-	-	-	5200		5200			
1	Do	-	-	-	5300		5300			
1	Do	-	-	-	6200		6200			
Amounts carried forward,							302800		103353	50



	D.	C.	D.	C.	Dolls.	C.
Amounts brought forward,			3028	00	103353	50
1 Stable, - - - -	65	00	65	00		
1 Do - - - -	64	00	64	00		
					3157	00
70 Taverns, - - - -	10	00	700	00		
198 Hotels, - - - -	15	00	2970	00		
2 Do - - - -	16	00	32	00		
2 Do - - - -	17	00	34	00		
15 Do - - - -	18	00	270	00		
21 Do - - - -	20	00	420	00		
2 Do - - - -	21	00	42	00		
2 Do - - - -	22	00	44	00		
4 Do - - - -	23	00	92	00		
7 Do - - - -	25	00	175	00		
1 Do - - - -	26	00	26	00		
3 Hotels and Stables, - - - -	28	00	84	00		
3 Do - - - -	29	00	87	00		
6 Hotels, - - - -	30	00	180	00		
2 Do - - - -	31	00	62	00		
1 Do &c., - - - -	32	50	32	50		
1 Do &c., - - - -	33	00	33	00		
1 Do - - - -	34	00	34	00		
2 Do - - - -	35	00	70	00		
1 Do - - - -	36	00	36	00		
1 Do - - - -	38	00	38	00		
2 Do &c., - - - -	39	00	78	00		
2 Do &c., - - - -	40	00	80	00		
1 Do - - - -	43	00	43	00		
3 Do &c., - - - -	45	00	135	00		
1 Do - - - -	46	00	46	00		
2 Do &c., - - - -	48	00	96	00		
1 Do - - - -	49	00	49	00		
1 Do - - - -	50	00	50	00		
3 Do &c., - - - -	51	00	153	00		
2 Do - - - -	54	50	109	00		
2 Do - - - -	55	00	110	00		
2 Do - - - -	56	00	112	00		
1 Do - - - -	58	00	58	00		
1 Do - - - -	60	00	60	00		
Amounts carried forward,			6650	50	106510	50

	D.	C.	D.	C.	Dolls.	C.
Amounts brought forward,			6650	50	106510	50
1 Hotel, - - - -	61	00	61	00		
1 Do - - - -	62	00	62	00		
3 Do - - - -	64	00	192	00		
2 Do - - - -	67	00	134	00		
1 Do &c., - - - -	70	00	70	00		
1 Do &c., - - - -	72	50	72	50		
1 Do - - - -	78	00	78	00		
2 Do - - - -	82	00	164	00		
1 Do - - - -	91	00	91	00		
1 Do &c., - - - -	89	00	89	00		
1 Do - - - -	105	00	105	00		
1 Do - - - -	107	00	107	00		
1 Do - - - -	120	00	120	00		
1 Do - - - -	156	00	156	00		
1 Do - - - -	168	00	168	00		
1 Do - - - -	194	00	194	00		
1 Do - - - -	283	00	283	00		
1 Do - - - -	401	00	401	00		
					9188	00
1 Oyster Cellar, - - - -	3	50	3	50		
10 Do - - - -	5	00	50	00		
9 Do - - - -	10	00	90	00		
10 Do - - - -	15	00	150	00		
1 Do - - - -	18	00	18	00		
1 Do - - - -	22	00	22	00		
					333	50
6 Bottling Establishments, -	5	00	30	00		
1 Do - - - -	7	50	7	50		
7 Do - - - -	10	00	70	00		
2 Do - - - -	15	00	30	00		
1 Do - - - -	75	00	75	00		
					212	50
1 Malt House, - - - -	10	00	10	00		
1 Do - - - -	15	00	15	00		
1 Brewery, - - - -	35	00	35	00		
1 Do - - - -	45	00	45	00		
Amounts carried forward,			105	00	116244	50

	D.	C.	D.	C.	Dolls.	C.
Amounts brought forward,					116244	50
1 Brewery,			60 00	60 00		
1 Do - - - -			75 00	75 00		
					240	00
1 Distillery,			5 00	5 00		
1 Do - - - -			8 00	8 00		
10 Do - - - -			10 00	100 00		
2 Do - - - -			12 50	25 00		
4 Do - - - -			15 00	60 00		
2 Do - - - -			20 00	40 00		
1 Do - - - -			28 00	28 00		
1 Do - - - -			35 00	35 00		
1 Do - - - -			40 00	40 00		
4 Do - - - -			50 00	200 00		
1 Do - - - -			75 00	75 00		
					616	00
1 Vinegar Establishment,			5 00	5 00		
2 Do - - - -			10 00	20 00		
1 Do - - - -			20 00	20 00		
2 Provision Stores,			10 00	20 00		
1 Do - - - -			15 00	15 00		
1 Do - - - -			31 00	31 00		
					111	00
1 Fountain,			10 00	10 00		
1 Confectionery and Fountain,			46 00	46 00		
1 Garden,			8 00	8 00		
1 Do - - - -			10 00	10 00		
1 Do - - - -			15 00	15 00		
1 Do - - - -			20 00	20 00		
					109	00
4 Dye Houses,			5 00	20 00		
12 Do - - - -			10 00	120 00		
2 Do - - - -			12 00	24 00		
1 Do - - - -			12 50	12 50		
4 Do - - - -			15 00	60 00		
4 Do - - - -			20 00	80 00		
Amounts carried forward,			316 50	117320 50		

	<i>D.</i>	<i>C.</i>	<i>D.</i>	<i>C.</i>	<i>Dolls.</i>	<i>C.</i>
Amounts brought forward,			316	50	1173	2050
2 Dye Houses, - - -	25	00	50	00		
2 Do - - -	50	00	100	00		
					466	50
5 Marble Yards, - - -	5	00	25	00		
1 Do - - -	8	00	8	00		
1 Do - - -	10	00	10	00		
1 Shop, - - -	2	00	2	00		
1 Work Shop, - - -	2	50	2	50		
1 Do - - -	3	00	3	00		
37 Do - - -	5	00	185	00		
2 Do - - -	6	00	12	00		
1 Do - - -	6	50	6	50		
2 Do - - -	7	50	15	00		
6 Do - - -	10	00	60	00		
1 Do - - -	12	00	12	00		
1 Do - - -	14	00	14	00		
1 Do - - -	15	00	15	00		
1 Do - - -	15	50	15	50		
1 Do - - -	19	00	19	00		
1 Jewelry Workshop, - -	47	00	47	00		
					451	50
1 Market Stall, - - -	15	00	15	00		
1 Sugar House, - - -	20	00	20	00		
					35	00
2 Billiard Saloons, - - -	5	00	10	00		
1 Do - - -	17	00	17	00		
1 Do - - -	18	00	18	00		
1 Do - - -	23	00	23	00		
					68	00
12 Printing Offices and Binde- ries, - - -	5	00	60	00		
1 Do do - - -	8	00	8	00		
8 Do do - - -	10	00	80	00		
1 Do do - - -	12	50	12	50		
1 Do do - - -	20	00	20	00		
1 Do do - - -	35	00	35	00		
1 Do do - - -	40	00	40	00		
					255	50
Amount carried forward,					1185	9750

	D.	C.	D.	C.	Dolls.	C.
Amount brought forward,					118597	00
1 Rail Road Depot, - - -	800		800			
2 Do - - - - -	1500		3000			
1 Do - - - - -	1600		1600			
1 Do - - - - -	2300		2300			
					77	00
2 Hatteries, - - - - -	1000		2000			
3 Do - - - - -	1200		3600			
2 Do - - - - -	1700		3400			
1 Do - - - - -	2000		2000			
1 Do - - - - -	2400		2400			
1 Do - - - - -	2700		2700			
					161	00
4 Factories, - - - - -	500		2000			
8 Do - - - - -	1000		8000			
1 Do - - - - -	1200		1200			
3 Do - - - - -	1500		4500			
1 Do - - - - -	3000		3000			
1 Do - - - - -	4000		4000			
					227	00
1 Bridge, - - - - -	500		500			
3 Station Houses, - - - - -	1000		3000			
3 Public Squares, - - - - -	500		1500			
					50	00
1 Steam Boiler, - - - - -	500		500			
1 Do - - - - -	1950		1950			
1 Do - - - - -	3000		3000			
					54	50
1 Use of Fire Plug, - - - - -	500		500			
2 Do - - - - -	1000		2000			
1 Do for Steamboats, - - - - -	2000		2000			
1 Do for Ships, - - - - -	2400		2400			
1 Do for Ships, - - - - -	2500		2500			
1 Do Baltimore Steamers, - - - - -	3000		3000			
1 Do N. York Steamers, - - - - -	5000		5000			
					174	00
1 Charge for Interest, - - - - -	1200		1200			
1 Do do - - - - -	500		500			
					17	00
Amount carried forward,					119357	50

	D.	C.	D.	C.	Dolls.	C.
Amount brought forward,					119357	50
1 Public Bathing Establishment, - - - -	77	00	77	00		
1 Do do - - - -	100	00	100	00		
1 Do do - - - -	252	00	252	00		
					429	00
2 Water Wheels, - - - -	200	00	400	00		
1 Gas Works, - - - -	600	00	600	00		
					1000	00
1 One horse power high pressure Steam Engine and Shop, - - - -	5	00	5	00		
1 One do do do - - - -	8	00	8	00		
1 One horse power high pressure Steam Engine and Soap Factory, - - - -	18	00	18	00		
1 One and a half high pressure Steam Engine and Shop, - - - -	6	00	6	00		
					37	00
2 Two horse power high pressure Steam Engines, - - - -	6	00	12	00		
3 Two do do &c., - - - -	10	00	30	00		
1 Two do do &c., - - - -	11	00	11	00		
1 Two do and Dye House, - - - -	12	00	12	00		
1 Two do & Printing Office, - - - -	16	00	16	00		
1 Two do and Bindery, - - - -	41	00	41	00		
1 Two do & Mineral Water, - - - -	46	00	46	00		
2 Two and a half horse power high pressure high pressure Steam Engine, &c., - - - -	10	00	20	00		
1 Do do do &c., - - - -	12	00	12	00		
1 Do & Chemical Factory, - - - -	33	00	33	50		
					233	50
1 Three horse power high pressure Steam Engines, - - - -	9	00	9	00		
1 Three do &c., - - - -	11	50	11	50		
2 Three do &c., - - - -	12	00	24	00		
3 Three do &c., - - - -	14	00	42	00		
Amounts carried forward,			86	50	121057	00

	D.	C.	D.	C.	Dolls.	C.
Amounts brought forward,			86	50	121	057 00
1 Three horse power high pressure Steam Engines, -	15	00	15	00		
1 Three do and Foundry, -	21	00	21	50		
1 Three do and Bindery, -	29	00	29	00		
1 Three do &c., -	30	00	30	00		
1 Three do and Brewery, -	50	00	50	00		
					232	00
5 Four horse power high pressure Steam Engines, -	12	00	60	00		
1 Four do and Shop, -	14	00	14	00		
1 Four do &c., -	14	50	14	50		
5 Four do &c., -	15	00	75	00		
4 Four do &c., -	17	00	68	00		
1 Four do &c., -	19	50	19	50		
1 Four do and Factory, -	22	00	22	00		
1 Four do & Printing Office, -	25	00	25	00		
3 Four do &c., -	27	00	81	00		
1 Four do and Brick Yard, -	42	00	42	00		
1 Four do and Bakery, -	47	00	47	00		
					468	00
2 Five horse power high pressure Steam Engines, -	15	00	30	00		
1 Five do &c., -	16	50	16	50		
1 Five do do -	19	00	19	00		
4 Five do do -	20	00	80	00		
1 Five do and Foundry, -	25	00	25	00		
1 Five do and Shop, -	27	00	27	00		
1 Five do and Shop, -	27	50	27	50		
2 Five do and Factory, -	30	00	60	00		
1 Five do &c., -	35	00	35	00		
4 Five do & Printing Office, -	40	00	160	00		
1 Five Low do & Brewery, -	65	00	65	00		
1 Five High do do -	124	50	124	50		
1 Five do do do -	128	00	128	00		
					797	50
1 Six horse power high pressure Steam Engine, -	18	00	18	00		
2 Six do &c., -	23	00	46	00		
Amounts carried forward,			64	00	122	554 50

	D.	C.	D.	C.	Dolls.	C.
Amounts brought forward,					122554	50
1 Six horse power high pressure Steam Engine, -	25	00	25	00		
1 Six do do - -	24	00	24	00		
1 Six do and Ink Factory, -	41	00	41	00		
1 Six do and Lamp Factory,	68	00	68	00		
					222	00
1 Eight horse power high pressure Steam Engine, &c., -	29	00	29	00		
1 Eight do &c., - -	31	50	31	00		
1 Eight do &c., - -	34	00	34	00		
1 Eight do &c., - -	44	00	44	00		
1 Eight do and Brewery, -	94	00	94	00		
					232	50
3 Ten horse power high pressure Steam Engines, -	80	00	90	00		
2 Ten do do - -	35	00	70	00		
1 Ten do &c., - - -	40	00	40	00		
1 Ten do and Bakery, -	42	00	42	00		
1 Ten do do - -	48	00	48	00		
1 Ten do & Printing Office,	74	50	74	50		
1 Ten do & Sugar Refinery,	250	00	250	00		
					614	50
2 Twelve horse power high pressure Steam Engines, &c., - - - -	41	00	82	00		
2 Twelve do - - - -	46	00	92	00		
1 Twelve do & Dye House,	50	00	50	00		
1 Twelve do do do -	51	00	51	00		
1 Twelve do do do -	54	00	54	00		
					329	00
1 Fifteen horse power high pressure Steam Engine, &c., - - - -	50	00	50	00		
1 Fifteen do and Foundry,	60	00	60	00		
1 Fifteen do and Factory,	90	00	90	00		
1 Fifteen do Sugar Refinery,	800	00	800	00		
					1000	00
Amount carried forward,					124952	50



	D.	C.	D.	C.	Dolls.	C.
Amount brought forward,					124952	50
2 Eighteen horse power high pressure Steam Engines,	54	00	108	00		
2 Twenty do do - -	65	00	130	00		
1 Twenty do do - -	70	00	70	00		
1 Twenty do and Foundry,	84	00	84	00		
1 Twenty-five do & Dye House,	90	00	90	00		
1 Twenty-five do & Factory,	120	00	120	00		
1 Twenty-five do do -	125	00	125	00		
1 Thirty do - - -	90	00	90	00		
2 Thirty do &c., - -	95	00	190	00		
1 Thirty do and Factory, -	122	50	122	50		
1 Thirty do & Paper Factory, - - - -	140	00	140	00		
1 Thirty & 1 ten do do	165	00	165	00		
1 Thirty do and Distillery,	125	00	125	00		
1 Sixty-seven do - -	200	00	201	00		
1 Eighty horse power high pressure Steam Engine and Sugar Refinery, -	1500	00	1500	00		
1 Ninety do do &c., -	375	00	375	00		
1 Hundred horse power low pressure Steam Engine, &c., - - - -	458	00	458	00		
					4093	50
Amount of Duplicates for the City,					129046	00

15754 Dwellings,	} And these are exclusive of the Baths, Wash Pavements, Water Closets and Basins in the Hotels, Stores and Buildings appropriated to public use.
5466 Baths,	
1978 Wash Pavements,	
1245 Water Closets,	
1164 Wash Basins,	

129 Steam Engines of 1345½ Horse Power.

No. 15.

*Duplicate of each Ward in the City of Philadelphia, for 1854.*

WARDS.	Amounts of Collectors' Duplicates.		*Water Rents payable to the Register.		Delinquents in advance for 1854.		Permits in Dec. 1853, in advance for 1854.		Girard Estate Water Rents, payable to City Treasurer.		TOTAL.	
	Dolls.	C.	Dolls.	C.	Dolls.	C.	Dolls.	C.	Dolls.	C.	Dolls.	C.
North Mulberry Ward, - -	13257	00	130	00	33	00	26	00	-	-	13446	00
South Mulberry Ward, - - -	9565	00	120	00	33	00	-	-	10	00	9728	00
North Ward, - - - -	10258	25	734	50	83	50	59	00	-	-	11185	25
Middle Ward, - - - -	6481	50	683	00	126	50	16	00	759	00	8066	00
South Ward, - - - -	8657	00	283	00	20	00	2	00	-	-	8962	00
Locust Ward, - - - -	10685	75	105	00	195	00	26	00	-	-	11011	75
Spruce, Lombard and Cedar Wards,	20576	00	861	00	161	50	23	00	-	-	21621	50
New Market Ward, - - -	5365	00	-	-	33	00	5	00	-	-	5403	00
Pine Ward, - - - -	4497	50	10	00	5	00	-	-	166	00	4678	50
Dock Ward, - - - -	5233	00	21	00	25	50	9	00	-	-	5288	50
Walnut Ward, - - - -	3838	00	252	00	10	00	-	-	251	00	4351	00
Chesnut Ward, - - - -	4272	50	853	00	17	00	9	00	52	00	5203	50
High Street Ward, - - -	4322	50	1605	00	17	50	2	00	134	00	6081	00
Lower Delaware Ward, - - -	6015	75	1008	50	118	50	15	00	-	-	7157	75
Upper Delaware Ward, - - -	5969	25	925	00	18	00	-	-	-	-	6912	25
	118994	00	7591	00	897	00	192	00	1372	00	129046	00

\* All Water Rents of \$100 and upwards, are payable to the Register before the first of June in every year.

GEORGE W. McMAHAN,  
Register of the Watering Committee.

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