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REPORT

OF THE

WATERING COMMITTEE

TO THE

SELECT AND COMMON COUNCILS,

November 5th, 1812.

Published by order of Councils.

PHILADELPHIA.

PRINTED BY JANE AITKEN, NO. 71 NORTH THIRD-STREET.

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1812.

REPORT

BY THE COMMISSIONERS OF THE GENERAL LAND OFFICE

IN

1872

WATERING COMMITTEES

REPORT

TO THE

COMMISSIONERS OF THE GENERAL LAND OFFICE

IN

RESPECT TO THE WATERING COMMITTEES APPOINTED TO SUPERINTEND THE

WORKS OF THE GREAT WESTERN RAILWAY COMPANY, AND TO REPORT ON THE

PROGRESS OF THE WORKS SINCE THE REPORT OF THE COMMITTEE OF THE

COMMISSIONERS OF THE GENERAL LAND OFFICE, IN 1869.

BY THE COMMISSIONERS OF THE GENERAL LAND OFFICE.

LONDON: PRINTED BY RICHARD CLAY AND COMPANY, LTD., BUNGAY, SUFFOLK.

1872.

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1872.

CITY HALL, NOVEMBER 5, 1812.

IN
WATERING COMMITTEE.

REPORT

**OF THE WATERING COMMITTEE APPOINTED TO SUPERINTEND THE
WATER-WORKS.**

THAT since the annual report of the 7th of November 1811, the stock of fuel for the lower engine, with the two hundred cords of fire-wood authorized by Councils to be provided, were used long before any of the new supply contracted for could be delivered. The bad state of that engine and the inability of the boilers to furnish the necessary steam which the increase of pumping requires, occasions this extraordinary consumption of fuel, as, besides this additional supply, nearly 1200 bushels of coal, with 129 cords of wood, purchased on the wharves of the Delaware, have been consumed; and to work that engine until march next, an additional quantity of 200 cords of wood will be wanted.

No contract for coal could be entered into under 34 cents per bushel, this advanced price falls short two cents per bushel of the last estimate. It is expected that the difficulty of procuring this kind of fuel will be greater, and at an advanced price the ensuing year.

Of the 7000 feet of pipe timber contracted for, 6709 feet have been delivered at the pond, of which, and what remained on hand, 6718 feet have been used as per statement No. 3. which leaves in the pond 2926 feet.

5000 feet of pipe timber will be required for 1813.

On the 22d of September last the sum of 1500 dollars, appropriated for granting aid to fire hose and engine companies was distributed amongst them in the following manner.

To	8 hose companies	-	-	-	-	\$ 800
	6 fire engines with hose, &c.	-	-	-	-	350
	11 without hose	-	-	-	-	350
	<u>Total 25 companies</u>	-	-	-	-	<u>\$ 1500</u>

In order to apportion said sum, the several companies were invited in the daily papers to make application on or before the 21st of said month; of the above number only twelve of the companies applied, supposing that it proceeded only from neglect of the others, the allotment of the 1500 dollars has been made to all of them; discriminating however the applicants by granting them a larger proportion; and the mayor has been requested to issue his warrants accordingly, as the ordinance prescribes.

Contracts have been entered into in August and September, executed in the latter month and beginning of October following for pipe, timber, digging of the reservoirs, for all the castings for the engine and boiler, for making a new engine, and for quarrying stone on the spot, at the foot of Fair-mount, where the engine house is to be erected, for which purpose the ground has been cleared and the works are now progressing.

In August last the mayor was requested to borrow the sum of 5000 dollars to meet the expenditures on account of the contracts and labourers, which sum has been paid into the city treasury, and on which 2864 dollars 44 cents has been drawn. It is expected that by November or December, 1813, the City will be supplied with water from said works.

2396 dwellings, manufacturers, and institutions, are supplied with water up to the 30th September, 1812, as per statement NO. 4. Observing that the quantity of water used by the manufacturers, is greater in proportion than the rents at which they were rated, and that the rents established for dwellings, being considered as for culinary purposes only, to which a number of private baths and stables have since been attached, which consume more water than what Councils were then aware of, the rents have been increased in proportion to the consumption that such establishments are supposed to require and the new rates have commenced from the 1st of July, 1812, under a firm belief that Councils will approve of the same. The receipts of the rents in advance on issuing permits, from October 1st, 1811, to September 30th, 1812, are as follows:

In the first	quarter ending	December 31st, 1811	on 57 dwellings	-	\$ 201 95
Second	do	March 31 1812	21 do		36 26
Third	do	June 30	110 do	-	335 4
Fourth	do	September 30	113 do	-	634 54
			<u>301</u>	-	<u>1207 79</u>
In the first	quarter rent due by M. H. Burgess	of 1811		-	3 34
					<u>\$ 1211 13</u>
Carried over					\$ 1211 13

Brought forward - - - - - \$ 1211 13

45 delinquents of the rent were returned by the Collectors on the 1st of June last, the allowances made to them on their duplicates amounted to 294 dollars 75 cents, of which

23 have paid the rent and one year in advance amounting to - - - - - \$ 310

1 The rent paid, the pipe destroyed - - - - - 5

9 The rent sued for. 8 pipes destroyed

5 Insolvents, the amount of 40 dollars lost

6 Exonerated by the Committee the rent being 38 dollars

1 Error, rent paid by another proprietor

45 Delinquents as reported - - - - - \$ 1526 13

To which is to be added the sales of old materials and returned quarterly by the superintendent as per statement NO. 2.

In the 1st quarter 73 dollars 33 cents, 2d and 3d, 190 dollars 19 cents, and 4th 165 dollars, together - - - - - 428 52

Total rents in advance, and sales of old materials, &c. - - - - - \$ 1954 65

Which sum as stated has been paid into the treasury; also the following for repaving over water pipes, as per receipts,

In the 1st quarter, 45 dollars, 2d, 18 dollars, 3d 72 dollars, and 4th 70 dollars, together - - - - - \$ 205

42 certificates have been issued by the Committee, in the following appropriations, directed to the Mayor; being the amount of expenditures, from October 1st, 1811, to the 1st October, 1812, as per statement NO. 1. \$ 27946 85

On balance of appropriation 1811	\$ 2488 88	
On water rents, and sales, generally	13115 86	
On appropriation 1812	12342 11	\$ 27946 85

Remains a balance of last appropriation - - - - - \$ 11057 89

This sum is to cover the following to carry on the works to December 31st, next, inclusive.

Laying 2926 feet of pipe	\$ 2457	
Stop-cocks, frames, and covers, and other castings not delivered	585	
20 tubs	200	
200 cords of wood of the contract	1130	
Repairs to fire plugs, stop-cocks, &c.	450	
Wages to Engine men, labourers, &c.	2000	
Incidentals, and improving Centre-square	288	
Supplement of 200 cords of wood, for lower engine	1300	8410
Supposed balance, on the 1st January next		2647 89

N. B. *The works at Fair-mount, being ordered by Councils, it became unnecessary, to make the extraordinary repairs, required to the engine, and boilers, except, to keep them in good order; nor has the removal of the boiler, at Centre-square, been attended to. These, together with the allowances of the two last years collections, of the rents being less than the estimate, occasion the present balance:*

Carried forward - - - - - \$ 2647 89

B

(6)

Brought forward	-	-	-	2647 89
To which the following is added				
Amount of the rents in advance, and sales of old materials, &c, of the last four quarters as above-mentioned	-	-	-	1954 65
Amount of rents, to July 1st, 1813, now collecting 14739 dollars less 10 per cent, allowances and commissions	-	-	1473 90	13265 10
This sum to be deducted from the following estimate	-	-	-	\$ 17867 64

Estimate of sums necessary to carry on the works, from January 1st, 1813, to December following.

FOR THE DISTRIBUTION.

40 new tubs, and finishing	-	-	\$ 400	
Repairs for fire plugs, stop-cocks, pumps, &c.	-	-	2000	
Castings for the same and cylinders	-	-	1000	
8 thousand feet of boards, plank, and scantling	-	-	270	
5 thousand feet of pipe timber, boring, laying, &c.	-	-	5000	8670

FOR THE ENGINES.

24 bushels of coal, hauling and measuring at 45 cents	\$ 10800		
13 hundred cord of wood, cording and hauling at \$ 6	7800		
Wages to engine men	3200		
Materials, and repairs, to engines	1200		23000

SALARIES.

Superintendent, 1200 dollars: messenger 25 dollars	1225		
Incidentals, and improving Centre-square	-	-	272 64
			<u>33167 64</u>
From which, deduct rents, and balances, as above	-	-	17867 64
			<u>\$ 15300</u>

By order of the Watering Committee.

JAMES VANUXEM, Chairman.

LIST OF CERTIFICATES,

OR, ORDERS FOR MONEY, DRAWN BY THE

WATERING COMMITTEE,

From October 1st, 1811, to October 1st, 1812, inclusive.

NO.	1811			Dolls.	Cts.
942	November	1	In favour of Frederick Graff, Clerk of the Water-works.	681	03
943		11	ditto	550	
944	December	2	ditto	545	88
945		21	ditto	673	05
946	1812. January	1	ditto	518	98
947			ditto	572	93
948	February	3	ditto	461	01
949	March	2	ditto	548	07
950		21	ditto	566	68
951	April	2	ditto	988	34
952			ditto	577	44
953			ditto	496	50
954		28	ditto	856	16
955	May	1	ditto	979	95
956		18	ditto	500	
957	June	1	ditto	92	74
958			ditto	858	
959			ditto	1304	67
960			ditto	836	08
961		10	ditto	500	
962		15	ditto	1014	20
963	July	1	ditto	845	32
964			ditto	637	11
965			ditto	1064	34
966			ditto	814	38
967			ditto	1000	
968		15	ditto	757	39
969			ditto	1197	89
970			ditto	500	
971			ditto	362	18
972	August	1	ditto	713	79
973			ditto	724	95
974	September	1	ditto	849	62
975			ditto	482	24
976		19	ditto	500	
977			ditto	1037	72
978	October	1	ditto	439	78
979			ditto	504	05
980			ditto	339	68
981			ditto	522	93
982			ditto	415	08
983			ditto	116	69
				27946	85

ABSTRACT OF PAYMENTS.

FROM THE FOREGOING ORDERS, AS FOLLOWS:

DISTRIBUTION.

No.	Dates.		Dols.	Cts.
942	Nov. 1	Monthly wages for October	260	91
944	Dec. 2	Ditto. - November	223	83
		Abraham Jones for 933 feet ash scantling at 3 cents per foot	27	99
946	1812. Jan. 1	Monthly wages for December	207	81
947		John Allison for horse feed	31	48
		Frederick Miléy hauling 2 loads of logs	2	50
948	Feb'y. 3	Monthly wages for January	209	03
949	March 2	Ditto. - February	153	16
		Daniel Rhoads for plank boards	16	51
		Joseph Pierson for 2 loads of hay and 175 bundles of straw	41	12
952	April 2	Frederick Graff for sundry small bills	18	81
953		Monthly wages for March	251	82
954	30	Thomas W. Duffield on account of pipe-timber	356	16
955	May 1	Monthly wages for April	265	16
		Joseph Smith for 9. 0. 17 band iron	59	49
		Thomas M'illwham for brass castings	85	27
		David Prentice on account of iron castings	300	
957	June 1	John Allison for horse feed	30	96
		John Warnick for nails	9	53
		Joseph Pierson for 50 bundles of straw and 2 loads of hay	32	25
958		Coleman Sellers one year stable rent	20	
		Thomas W. Duffield balance for 5651 feet of logs at 16 cts.	548	
		Blakely Barnes for 148 lbs. of solder	37	
960		Monthly wages for May	594	20
963	July 1	Ditto - June	568	84
964		Amos Thomas for wheel-wright work	26	59
971	15	John Martin for 79 loads and hauling of pipes	79	
		Thomas W. Duffield for 1058 feet of logs	69	28
973	August 1	Monthly wages for July	339	05
		Frederick Graff for sundry small bills	24	14
974	Sept. 1	David Prentice on account of iron castings	200	
		Joseph Moore for taking account of bath tubs	30	
		Joseph Warnick for nails and spikes	19	62
975		Monthly wages for August	268	75
977	19	David Prentice on account of iron castings	400	
978	Oct. 1	Monthly wages for September	177	53
		David Prentice balance in full for castings	70	83
		John Allison for horse feed	36	98
		George M'Farland for repairs of pump work and horse-shoeing	17	75
980		Jonathan Knight for 1108 feet of boards	30	75
		Edmund Kinsey for repairs to cast harness	2	37
		Jacob Edenbern for 122 lbs. of leather for pump-works	30	50
		Joseph Pierson for 2 loads of hay	32	87
		Henry Voight for lead pipe and plumbers work	80	69
		Alexander and William Adams for 162 $\frac{1}{2}$ galls. of spirits	162	50
981		Benjamin Jones for band iron	56	83
		William Powel for white pine boards	16	57
		Roberts and West for band iron &c.	300	49
982		Samuel Wetherill and son for paints and oil	11	22
		John Carrell for ironmongery	41	98
		Jacob Vogdes for iron hoop	10	55
		William Davis for chandlery	12	32
			7000	99

CENTRE ENGINE

NO.	1811			Brought forward	7000	99
				Dolls.	Cts.	
942	Nov.	1	Monthly wages for October	-	-	157 98
			Elijah and Thomas Dallet for 494 lbs. of tallow at 12 $\frac{1}{2}$ cts.	-	-	61 75
944	Dec.	2	Monthly wages for November	-	-	144 75
946	1812. Jan.	1	ditto December	-	-	180 36
948	Feb'y	3	ditto January	-	-	141 86
949	March	2	ditto February	-	-	180 61
950		21	George Humes for 548 bushels of coals at 30 cents	-	-	164 40
951	April	2	Roberts and West for 1000 bushels of coals at 30 cents and 1000 at 28 cents	-	-	580
952			Robert Dunwoody for hauling 2000 bushels of coal at 2 cts.	-	-	40
			William Haskins for measuring 2000 bushels of coal at 33 $\frac{1}{2}$	-	-	6 67
			Elijah and Thomas Dallet for 648 lbs. of tallow at 12 cts.	-	-	77 76
			Frederick Graff for sundry small bills	-	-	20 85
953			Monthly wages for March.	-	-	146 46
955	May	1	ditto April	-	-	143 25
			Thomas M'Ilwham for brass castings	-	-	9
958	June	1	Edward M'Dermot, for 300 bushels of coals and measuring	-	-	91
			Robert Dunwoody hauling 4100 bushels of coal at 2 cents.	-	-	82
			Stellwaggon and Knight for 3800 bushels of coal at 34 cts. and measuring	-	-	1304 67
959			Monthly wages for May	-	-	148 81
962		15	Stellwaggon & Knight for 2954 bushels of coal & measur.	-	-	1014 20
963	July	1	Monthly wages for June	-	-	158 43
964			Robert Dunwoody for hauling 8426 bushels of coal	-	-	168 52
			Norris and Ridgeway for repairs to the boiler	-	-	2 50
965			Stellwaggon & Knight for 3100 bushels of coals & measur.	-	-	1064 34
966			ditto - 2372 do	-	-	814 38
968		15	ditto - 2206 do	-	-	757 39
969			ditto - 3489 do	-	-	1197 89
971			Robert Dunwoody for hauling 5695 do	-	-	113 90
972	August	1	Stellwaggon & Knight for 2079 bushels of coal & measur.	-	-	713 79
973			Monthly wages for July	-	-	139 95
			Robert Dunwoody for hauling 2079 bushels of coal at 2 cts.	-	-	41 58
975	Sept.	1	Monthly wages for August	-	-	135 30
977		19	Jonathan Bowers for 1652 bushels of coal at 33 $\frac{1}{2}$ & measur.	-	-	558 92
			Robert Dunwoody for hauling 1652 bushels of coal at 2 cts.	-	-	33 04
978	Oct.	1	Monthly wages for September	-	-	155 75
981			Elijah and Thomas Dallet for 434 lbs. of tallow at 12 cts.	-	-	52 08
982			William Davis for chandlery	-	-	182 50
			Samuel Wetherill and son, oil, whiting, emery, &c.	-	-	35
			John Carrell for ironmongery	-	-	4
983			William Arrentrue 112 lbs. of candles at 13 cents	-	-	16 18
						17992 81
Carried over						17992 81

LOWER ENGINE.

NO.			Brought forward	Dls.	Cts.	17992 81
94	1811 Nov.	1	Monthly wages for October	145	52	
			Elijah and Thomas Dallet for 439 lbs. of tallow at 12 $\frac{1}{2}$ cts.	54	87	
943		11	Jeremiah Buck for 100 cords of wood at \$ 5 50	550		
944	Dec.	2	Monthly wages for November	149	31	
945		21	Jeremiah Buck for 122 $\frac{1}{8}$ cords of wood	673	05	
946	1812. Jan.	1	Monthly wages for December	130	81	
			Frederick Miley for hauling 22 $\frac{3}{4}$ cords of wood at 40 cents.	88	95	
948	Feb'y.	3	Monthly wages for January	110	12	
949	March	2	ditto February	141	11	
			Daniel Rhoads for cording 222 $\frac{1}{4}$ cords of wood	15	56	
950		21	Douglass Saint for 32 cords of wood at \$ 6 25, and 4 cords at \$ 6 and cording	226	16	
950	March	21	Cornish and Saint for 12 $\frac{1}{4}$ cords of wood at \$ 6 & cordage	74	23	
			Frederick Miley for hauling 48 $\frac{1}{4}$ cords of wood at 75 cts.	36	19	
			Cornish and Saint for 4 $\frac{1}{4}$ cords at \$ 5 25. 8 cords at \$ 5 and cordage	65	70	
951	April	2	Douglass Saint for 27 $\frac{1}{2}$ cords of wood at \$ 5 and cordage	139	15	
			Cornish and Saint for 13 $\frac{1}{2}$ cords of wood at \$ 5 & cordage	68	31	
			ditto for 14 $\frac{1}{4}$ cords at 4 75 and cordage	71	24	
			Douglass Saint for 12 $\frac{1}{4}$ cords of wood at \$ 5 25 & cordage	65	04	
			John Martin hauling 80 $\frac{3}{4}$ cords of wood at 80 cts.	64	60	
952			Elijah and Thomas Dallet 648 lbs. of tallow at 12 cents.	77	76	
			Frederick Graff for sundry small bills	27	88	
953			Monthly wages for March	98	22	
954		30	Joseph Jones for 100 cords of wood at \$ 5	500		
955	May	1	Monthly wages for April	108	78	
			Thomas M'Ilwham for brass castings	9		
956		18	Joseph Jones for 100 cords of wood	500		
958	June	1	William Rees on account of hauling wood	100		
960			Monthly wages for May	93	07	
961		10	Joseph Jones for 100 cords of wood	500		
963	July	1	Monthly wages for June	118	05	
964			William Rees on account for hauling wood	100		
			Norris and Ridgeway for repairing the boilers	39	50	
967			Joseph Jones for 200 cords of wood	1000		
970		15	ditto 100 do. do.	500		
973	August	1	Monthly wages for July	117	56	
974	Sept.	1	Joseph Jones for 100 cords of wood	500		
			William Rees on account for hauling wood	100		
975			Monthly wages for August	78	19	
976		19	Joseph Jones for 100 cords of wood	500		
978	Oct.	1	Monthly wages for September	106	50	
979			David Prentice balance in full for iron castings	78	49	
981			Elijah and Thomas Dallet for 433 lbs. of tallow at 12 cts.	51	96	
			David Rhoads for cording 750 cords of wood	45		
982			William Davis, for chandlery,	132	51	
			Samuel Wetherill and son for oil; whiting, emery, &c.	35		
983			William Arrentrue 55 lbs. of candles at 13 cents.	7	94	
Carried forward				26388	14	
				26388	14	

SALARIES.

No.	1812.	Amount brought forward,	\$	26388
947	Jan. 1	Frederick Graff, on ac unt of salary,	300	
952	April 2	Ditto, ditto,	300	
964	July 1	Ditto, ditto,	300	
973	August 1	John Rafield, one year's Salary,	25	
979	Oct. 1	Frederick Graff, balance of Salary,	300	
				1225
INCIDENTALS.				
977	Sept. 19	Jane Aitken, for printing notices,	826	
983	Oct. 1	Joseph Cruckshanks, for stationary,	10	
		William Duane, for advertising,	3425	
		William M'Corckle, ditto,	1399	
		Zachariah Poulson, ditto,	216	
		Samuel Relf, ditto,	1267	
				10083

PLANS AND ESTIMATES.

947	1812. Jan. 1	John Davis, for services rendered, in planning and estimating as per report to Councils, for altering the system for supplying the city with water,	150	
952	April 2	Frederick Graff, for sundry small bills,	7 71	
973	Aug. 1	Ditto, ditto,	37 67	
977	Sept. 19	Jane Aitken, for printing the report to Councils, for altering the system for supplying the city with water,	37 50	
				23288
				\$ 2794685

ABSTRACT OF PAYMENTS.

Made by the Watering Committee, from Octr. 1st, 1811, to Octr. 1st, 1812, inclusive.

Distribution, wages to workmen laying pipes, digging pipe trenches, repairs to pumps, fire plugs, setting new ones, with materials, &c. &c.	7000 99
Centre engine, working engine, wages, fuel, &c.	10991 82
Lower engine, ditto, ditto,	8395 33
Salaries of the superintendant and messenger,	1225
Incidental expences for advertising, &c.	100 83
Plans and estimates for the new work,	232 88
2794685	

NO. 2.

AMOUNT.

*Paid in the treasury by the Superintendant for articles sold, &c.
from October 1st, 1811, to October 1st, 1812, inclusive.*

First Quarter.	William Arrentrue, for 108 bushels of ashes, a 37 cts.	\$ 39 96		
	Overdrawn in settlement with Samuel and Thomas Richards, and returned to the Treasurer,	9		
	Amount received for expence of shifting a hydrant pump,	7 80		
	Old pipe sold,	45		
	Michael Murphy, for 1100 of iron scraps,	\$ 26 12		
	Deduct amount paid for a stove for the office.	10	16 12	73
Second and Third Quarter.	William Arrentrue, 198 bushels of ashes, a 37 cts.	73 26		
	Caleb Coates. 48 loads of cinders, a 25,	12		
	Philip Wager, 34 feet of old pipe, 12 1-2,	4 25		
	Henry Pratt, 52 feet ditto, ditto,	6 50		
	Sundries, 5 loads of cinders, a 12 1-2,	62½		
	28 do. do. 25	7		
	15 feet of pipe, 12½	1 87½	9 50	
Frederick Graff, boring 4234 feet of cedar pipe, a \$ 2,	84 68	190	19	
Fourth Quarter.	Pennel Beale, for 753 lbs. of old iron flues a 12½	94 12½		
	William Arrentrue, for 175 bushels of ashes, a 37,	64 75		
	39 feet of pipe, a 12½,	4 87½		
	William Todd, 5 loads of cinders, a 25,	1 25	165	
		\$ 428	52	

NO. 3.

STATEMENT OF PIPE,

Used in the distribution, from October 1811, to October 1812.

Part of George street, above Eleventh,	- - -	120
Eighth from Lombard street, south,	- - -	135
Pine street, between Eighth and Ninth,	- - -	446
Ninth from Vine to Maple,	- - -	552
Chester street, from Vine to Maple,	- - -	552
Eleventh, from Locust towards Walnut,	- - -	246
Locust, from Ninth to Eleventh,	- - -	899
Tenth, from Locust to Spruce,	- - -	452
Back of Spruce, from Ninth to Tenth,	- - -	471
Fayette street, from Arch to Filbert,	- - -	284
Second street, from Drinker's to Elfrith's alley, middle of street,	- - -	142
Market street west of the engine house,	- - -	633
Sixth from Vine towards Race,	- - -	249
James street, from Maple to Chester street,	- - -	316
Locust, from Eighth upwards,	- - -	257
Marshall's court, from Fourth to Fifth street,	- - -	450
Repairs in the streets and for pumps and fire plugs,	- - -	714
		<hr/>
Remains in the pond, pipe and timber,	- - -	6918
		2926
		<hr/>
		9844
		<hr/>
In the pond, in October 1811,	- - -	3135
Purchased this year.	- - -	6709
		<hr/>
		9844
		<hr/>

NO. 4.

List of Dwellings, Manufactories and Institutions, supplied with the Schuylkill water to the 30th September, 1812.

	a \$	Dls.
1995 Dwellings, schools, &c. - - - - -	5	9975
1 Ditto, with private stable, - - - - -		7
37 Ditto, north of Vine and south of Cedar street, - - - - -	750	277 50
200 Ditto, with private baths, - - - - -	8	1600
3 A vinegar yard and two dwellings, for three years, - - - - -	9	27
26 Banks, curriers, hatters, taverns, - - - - -	10	260
3 Skin dresser, stable and soap factory, - - - - -	12	36
10 Small distilleries, stables and hatters; - - - - -	13	130
40 Hatters, tan-yards, soap factories, - - - - -	15	600
21 Sugar refiners, hatters and stables, - - - - -	20	420
3 Paper hanging manufactories, - - - - -	24	72
16 Distilleries, livery stables, &c. - - - - -	25	400
1 Private with one hydrant pump, - - - - -		28
12 Breweries, county jail and a public bath, - - - - -	30	360
1 Ditto, - - - - -		34
5 Ditto, distilleries and a morocco factory, - - - - -	35	175
4 Distilleries, and one court with two hydrant pumps, - - - - -	40	160
2 Ditto, - - - - -	44	88
1 Brewery, - - - - -		45
8 Distilleries, livery stables and hospital, - - - - -	50	400
1 Brewery, - - - - -		60
1 Ditto, - - - - -		75
1 Public bath, - - - - -		80
1 The alms house, - - - - -		100
1 Private stable - - - - -		3
1 Back yard, - - - - -		2 50
1 Private hydrant pump for four houses, - - - - -		8
1 Private stables for two hundred and six horses, - - - - -		206

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