

R E P O R T

of the

WATERING COMMITTEE

to the

SELECT AND COMMON COUNCILS.

READ JANUARY 24, 1822.

PUBLISHED BY ORDER OF THE COUNCILS.

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1822.

ANNUAL REPORT

of the

WATERING COMMITTEE.

THE Watering Committee, in offering their Annual Report to Councils, have the satisfaction to say, that the great work intrusted to them draws very near to its completion, and that they believe, by the first day of July next, the city will derive the benefit contemplated by an increased supply of water, at a very greatly decreased expenditure. The dam, the head arches, the race, the locks, and the canal, are nearly completed; some little alteration being required in the last, which can be done in a few days in the spring, and the first still requiring some further backing, and the raising of the circular wall next to the head arches, about four feet. The mill buildings and reservoir are in a state of considerable progress; the pumps and wheels are nearly ready to be put in their places; and the raising mains are in part laid, and will be completed in full time for the other parts of the work.

In considering the most economical method of preparing the buildings for the water wheels and pumps, it was deemed best to put up buildings for eight, but to complete three only at this

time, which will, it is computed, furnish upwards of three millions of gallons in each twenty-four hours. The reasons for the former determination are, that the side of the race next the river must at all events be protected by buildings, or by a wall; the wall would be very costly, and, whenever new erections were required, must be removed, and the water thereby let out of the race, which would of course stop the works, and the supply to the city, for a considerable time. By erecting at once, all the buildings which will probably ever be wanted, the western side of the race is protected, the wheels and pumps can be put up whenever required, in a short time, and the stoppage of the work will be trifling, and will only be while the raising main is laying along the bottom of the race. With a further view to prevent a stoppage of supply, the Committee have had the upper part of the eight raising mains walled into the reservoir, so that a new attachment can be made without the necessity of drawing off the water.

In looking forward to supplying the Districts with water, as contemplated when the new works were undertaken, it became apparent that a greater quantity of water should be in reserve than when the city only was to be supplied; and this was one reason for the determination of the Committee to make a new reservoir, although another of great weight presented itself;--the distance from the top of the hill next the new works, to the old reservoir, is about two hundred feet, and would of course require sixteen hundred feet of pipe for the eight mains, which would cost about eight thousand dollars, and which would become useless if a new reservoir should afterwards be made. The new reservoir will cost about four to five thousand dollars, and will receive the iron pipes on the brow

of the hill, so as to save this additional quantity, and by a tunnel will feed into the old one. The capacity of the new reservoir is about three millions and a half of gallons.

These additional works, not originally taken into calculation, the nature of the works generally being entirely of a novel character, and the necessity, which became apparent, of changing plans first proposed, and also changes for greater security and durability, in the contract for the dam, as well as the cost of raising the dam eighteen inches higher than was at first proposed, will lead naturally to the conclusion, that the original estimate will be exceeded, but the Committee believe it will be found to be less than might be expected in so large a work, and at a less rate per cent. than the calculations every day made by experienced men, in the erection of a common dwelling. The excess itself will be more than compensated, by the acquisition of a fourth more water power, created by the addition to the height of the dam, which, taking the whole cost of water power and works at four hundred thousand dollars, will be a gain equal to one hundred thousand dollars.

The following statement will show the sum which will be wanted to complete the works, including balances due per contracts already made and work commenced, viz.--

Expended on the dam and locks, by Report of the Committee in 1819, 1820, and 1821, - - - - -	\$155,783 14
Still due on this account and estimate for completing, - - - - -	4,623 32

	\$160,406 46

Amount brought forward

\$160,406 46

Expended for mills and buildings per Report in 1820 and 1821, - - - - -	\$39,294 25	
Advanced for pumps, in 1820 and 1821, - - -	5,666 67	
Do. for reservoir, in 1821, - - - - -	1,704 34	
	-----	46,665 26

And it is estimated the following sums will be required to finish the work, viz.

Millwright's estimate to complete three mills, - - - - -	\$7,312 00	
Carpenter's work, for finishing the eight mill buildings, including balance due,	4,416 00	
Mason's work, for completing, including bal- ance due for dressed stone, - - - - -	6,073 00	
Pumps and fixing, - - - - -	5,333 33	
Iron raising mains, - - - - -	2,600 00	
Completing the reservoir, - - - - -	3,100 00	
	-----	28,834 33

		235,906 05
From which deduct the sum appropriated by ordinance, 8th April, 1819, - - - - -		200,000 00

There remains to be appropriated, - - - - -		\$ 35,906 05

This sum, it will be seen, is no more than sufficient to complete the works, without anything being allowed for damages, claimed by persons holding property on the river, whose lands have been overflowed. What this will amount to, the Committee have no means of determining; but fair and honourable means will be pursued by the Committee, to have them rated as low as in justice they should be; and they have retained Horace Binney Esq. to protect the interest of the city. Many claims have been exhibited, many of them very unfounded, and much exaggerated; but Councils must be sensible, that where the assessments of damages rests with arbitrators, or a jury, no calculation can accurately be formed; but as some compensation is certainly due to several individuals, the Committee recommend an appropriation, at this time, of five thousand dollars, to meet such as may be adjusted, leaving to another period an appropri-

ation for any further sum which may be required on this account. For this, and the balance wanted for the works, the Committee report the draft of an ordinance herewith.

The ten inch iron main has been laid in Chesnut street, from Broad street to Front street, and is found to answer the most sanguine expectations. In Walnut street, about nineteen hundred feet of six inch iron pipe has been laid, in the squares where the culvert has been lately made, with a view to save the expense of laying wooden pipes now, and removing them after the pavement shall be laid next season: this, of course, was in anticipation of the plan contemplated, of gradually introducing iron pipes throughout the city, the necessity for which is more than ever apparent, as the last year required repairs of wooden pipes to the extent of 5436 feet, whilst in 1820 only 2031 feet, and in 1819 only 947 feet were necessary.

The expensive repairs to the steam engines have continued and increased, which makes it the more desirable to put the new works into early operation.

In pursuance of an ordinance of the 25th of January last, the Committee have established the Office for the Water Works, and appointed a Register at a salary of five hundred dollars per annum, without fees, which are paid into the city treasury. The advantages of this arrangement are already great, in the discovery of many omissions, and the early period at which the duplicates of water rents can be put into the hands of the collectors, which the Committee anticipate will this year be about the first of February, instead of, as heretofore, the first of July or later, and which will be of material importance to the city treasury.

Mr. Cooley having applied for the twenty thousand dollars reserved by the contract as security for his faithful performance, and having tendered, according to agreement, other property, as he stated, of more than equivalent value, the Committee deemed it best to, ascertain, by actual observation, the value of the property, and accordingly deputed a Committee of three to proceed to the neighbourhood of Springfield, Massachusetts, who, after strict inquiry and personal observation, were perfectly satisfied that the property tendered was more than an equivalent, and that the whole property, including that originally mortgaged, was worth at least sixty thousand dollars, and that Mr. Cooley was an unembarrassed man, of very considerable estate: the Committee therefore agreed to the proposed change. The property mortgaged by both mortgages, consists of land and farms on both sides of Chicopee river, containing about three thousand acres, and distant about three miles from Springfield.

The loan authorized by ordinance of the 8th of March last, was taken up at five per cent. interest, and with a premium of five per cent. The balance of the loan for Fair Mount works was also taken up at the same rate.

The annexed Accounts the Committee offer as part of their Report, viz:---

- No. 1. Exhibiting the amount expended in the past year, for dam, locks, mills, iron pipes, pumps, &c. amounting to - - - - \$115,746 36
- No. 3. Shows the quantity of iron and wooden pipes laid in 1821, and the quantity of each now on hand.

- No. 7. Exhibits the number of dwellings, &c. now supplied with Schuylkill Water.
- No: 8. Is a statement of the amount of duplicates of water rent for 1822, and shows an increase in the last year of \$1567.
- No. 4. Contains the estimate of carrying on the Fair Mount works, and for wooden pipes, during the present year, amounting to, \$21,694 05

which will be provided for in the following manner:---

No. 5. Nett amount of water rents, received in 1821, - - - - -	\$20,714 85
No. 2. Amount paid into the city treasury during the past year, by the superintendent, - - - -	255 39
No. 6. Amount of water rents in advance, and amount of fees received by the register, and placed in the treasury, in 1821, -	723 81

	\$21,694 05

Thus it will be seen, that for the first time since the establishment of the water works, no appropriation out of the taxes of the city is required for their annual support; and the Committee, in congratulating Councils on this favourable state of affairs, and of the gradual advance, as originally calculated upon, of the water rents, to maintain the establishment, cannot but look forward with pleasure to the moment when the completion of the works now erecting will afford an opportunity of throwing into the common stock a surplus of the water rents, towards extinguishing the sums heretofore expended in the introduction of Schuylkill water.

All which is respectfully submitted, by order of the Watering Committee.

JOSEPH S. LEWIS, Chairman.

January 19th, 1822.

No. 1.

LIST OF CERTIFICATES FOR MONEYS

Drawn by the

WATERING COMMITTEE

for

FAIR MOUNT WATER WORKS,

From Dec'r 31, 1820, to Dec'r 31, 1821.

No.	1821.		Dolls.	C.
285	Jan'y	6 In favour of Frederick Graff, Clerk of the Water Works,	3000	00
286		20 Ditto, - - - - -	2000	00
287	Feb'y	1 Ditto, - - - - -	3076	20
288		17 Ditto, - - - - -	1153	05
289	March	1 Ditto, - - - - -	2620	71
290		8 Ditto, - - - - -	2548	69
291		17 Ditto, - - - - -	2500	00
292	April	2 Ditto, - - - - -	3145	78
293		14 Ditto, - - - - -	1250	00
294		24 Ditto, - - - - -	3488	37
295	May	1 Ditto, - - - - -	1876	25
296		2 Ditto, - - - - -	1446	07
297		12 Ditto, - - - - -	4049	00
298		26 Ditto, - - - - -	3061	83
299	June	2 Ditto, - - - - -	1616	21
300		Ditto, - - - - -	2752	28
301		7 Ditto, - - - - -	2115	52
302		23 Ditto, - - - - -	3093	30
303		28 Ditto, - - - - -	1887	60
304	July	2 Ditto, - - - - -	3568	17
305		7 Ditto, - - - - -	2466	90
306		21 Ditto, - - - - -	5661	49
307		26 Ditto, - - - - -	2000	00
308	Aug.	1 Ditto, - - - - -	2161	04
309		10 Ditto, - - - - -	1729	01
310		16 Ditto, - - - - -	2691	50
311		30 Ditto, - - - - -	2115	12
312	Sept's	1 Ditto, - - - - -	2864	17
313		8 Ditto, - - - - -	3780	80
314		24 Ditto, - - - - -	1250	00
315	Oct'r	1 Ditto, - - - - -	2888	38
316		Ditto, - - - - -	1457	06
317		8 Ditto, - - - - -	2155	90
318		16 Ditto, - - - - -	1526	25
319		20 Ditto, - - - - -	1180	00
320		29 Ditto, - - - - -	1302	21
321	Nov'r	1 Ditto, - - - - -	4092	69

No.	1821.		Dolls.	C.
322	Nov'r 14	In favour of Frederick Graff, Clerk of the Water Works,	5320	56
323	19	Ditto, - - - - -	1447	64
324	21	Ditto, - - - - -	700	00
325	Dec'r 6	Ditto, - - - - -	3989	82
326	8	Ditto, - - - - -	1851	21
327	20	Ditto, - - - - -	2626	28
328		Ditto, - - - - -	2690	81
329		Ditto, - - - - -	1268	61
330	26	Ditto, - - - - -	4279	88
			115746	36

A B S T R A C T O F P A Y M E N T S
MADE UNDER THE
FOREGOING CERTIFICATES.

DISTRIBUTION.

No.	1821.			Dolls.	C.
287	Feb'y	1	Jacob Edenborn's estate, for 46 1/2 lbs. of seal leather, had in 1820, -	11	62
			Edmund Kinsey, for cart harness, in 1819 and 1820, - - - - -	3	45
			Ann Smith, for hauling gravel and pipes, in January, 1821, - - - - -	14	75
			Wages of workmen for January, 1821, - -	425	13
288		17	Rhoads and Jeans, for lumber had in 1819 and 1820, - - - - -	8	72
289	March	1	Charles Green, for 50 lbs. of brass castings, - - - - -	20	00
			Wages of workmen for February, - - - - -	293	33
292	April	2	Ann Smith, for sundry hauling in February and March, - - - - -	31	50
			Wages of workmen for March, - - - - -	416	73
294		24	Alexander Purviss, for 20 1/2 yards of cloth, at 50 cents, - - - - -	10	25
			Watson and Bunting, for yellow pine boards, - - - - -	17	00
			James Burson, for 4927 feet of pipe timber, at 12 1/2 cents, - - - - -	615	87
295	May	1	John Keim, for 120 bushels of coals, hauling, &c., - - - - -	45	20
			John Warnock, for sundry nails, spikes, &c., - - - - -	23	05
			Charles Green, for brass pump castings, - - - - -	7	20
			Wages of workmen for April, - - - - -	385	32
296		2	Nathaniel Whiteman, for taking four rafts to Schuylkill, - - - - -	32	00
298		26	Philip Horn, for eighteen picks, - - -	36	00
299	June	2	James Vanocker, for 1231 feet pipe timber, at 10 cents, - - - - -	123	10
			Henry Nixon and Willing, for 8786 ft. white and yellow pine boards, - - - - -	154	45
			William Snare, for hauling ditto from Richmond, - - - - -	10	66
			Michael Williamson, for iron and steel, - - - - -	125	33
			Ann Smith, for sundry hauling in April and May, - - - - -	35	00
300			Wages of workmen for May, - - - - -	363	30
302		23	Buck and Krumbharr, for sundry iron, -	155	54
			H. Nixon and R. Willing, for 548 feet boards, - - - - -	7	73

No.	1821.			Dolls.	C.
304	July	2	Ann Smith, for sundry hauling in June, George and Jacob Peterman, for horse feed to June 26th, - - - - -	25	18
			Wages of workmen for June, - - - - -	31	21
306		21	Alexander Purviss, for 23 1/2 yards cloth, at 40 cents, - - - - -	349	96
308	Aug.	1	Joseph Pierson, for hay and straw to July 7th, - - - - -	9	50
			John Warnock, for nails, - - - - -	30	46
			Ann Smith, for sundry hauling in July, Wages of workmen for July, - - - - -	6	68
311		30	John Hewston, in exchange for cart horses, - - - - -	46	02
			Frederick Stelwaggon, for 200 bushels coals, delivered at 33 cents, - - - - -	434	80
			Israel Roberts, for twelve copper balls, Ann Smith, for horses boring logs, and hauling ditto, - - - - -	70	00
312	Sept.	1	Wages of workmen for August, - - - - -	66	00
315	Oct'r	1	Richard Smith, for turning nossels and pump boxes, - - - - -	31	00
			Sprogal Dear, for one pair wagon wheels, and part iron work, - - - - -	68	63
			Henry Bell, for sundry lumber, - - - - -	481	62
			Michael Williamson, for wrought iron, - Thomas Morgan, for 26 gallons neat's oil, - - - - -	7	62
			Frederick Graff, for sundry small bills paid by him, - - - - -	18	61
316			Wages of workmen for September, - - - - -	16	72
321	Nov'r	1	Joseph Caskey, for sundry whiskey, - - Joseph Edwards, for brass work for fire plugs, &c., - - - - -	103	97
			Ann Smith, for sundry hauling in October Wages of workmen for October, - - - - -	35	75
323		19	Maguire and Co. for digging up pipes in Vine street, - - - - -	23	80
			Joseph Edwards, for 93 lbs. of brass work, at 37 1/2 cents, - - - - -	368	76
325	Dec'r	6	Maguire and Co. balance for digging up pipes in Vine street, - - - - -	46	29
			Wages of workmen for November, - - - - - Ann Smith, for sundry hauling in Novem- ber, - - - - -	18	09
326		8	Alexander Purviss, for 59 yards cloth, at 50 cts., - - - - -	12	25
			J. and L. Stelwaggon, for 500 bushels coals, and hauling, at 35 1/2 cts., -	405	61
327		20	Henry Abbett, for 1 doz. spades and 1 doz. handles, - - - - -	30	00
			Cartnell and English, for shoeing horse, Dixey and Manderfield, for 24 pumps and sundry boxes, - - - - -	34	87
			John Warnock, for nails, sprigs, &c., - William White, for flannel for stop cocks, - - - - -	82	75
				323	81
				22	25
				29	50
				177	50
				9	00
				15	37
				160	50
				22	09
				41	67

No.	1821.		Dollrs.	C.	Dollrs.	C.
327	Dec'r	20	George and Jacob Peterman for horse feed, - - - - -	43	58	
			William Riehle, for 337 1/2 lbs. of seal leather, - - -	107	92	
328			William Dilworth, for iron-mongery, - - - - -	63	94	
			Samuel P. Wetherill & Co., -	29	80	
			Rowley and Alberger, for lead pipes and plumber's work, -	242	22	
			Stephen Simmons, for sundry lumber, - - - - -	150	30	
			Michael Fox, for bricks for paving pumps, - - - - -	13	00	
329			Edmund Kinsey, jr. for cart harness and repairs, - - -	8	81	
			Michael Williamson, for sundry wrought iron, - - - - -	83	57	
			Henry Bell, for sundry lumber,	17	46	
			Joseph Pierson, for two loads of hay and straw, - - - - -	34	64	
330		26	Rheads and Jeans, for sundry lumber, - - - - -	16	95	
			Frederick Graff, for sundry small bills paid by him, -	50	07	
			Ann Smith, for hauling logs to pond, &c. in December,	49	26	
			Wages of workmen for December	377	23	
				-----		8318 82

ENGINES.

287	Feb'y	1	Ann Smith, on acc't, for hauling wood delivered in 1820, Wages of workmen for January, 1821, - - - - -	45	00	
289	March	1	Wages of workmen for February,	340	75	
292	April	2	Ann Smith, balance for hauling 834 cords wood, delivered in 1820, - - - - -	241	00	
			Wages of workmen for March,	163	50	
a95	May	1	Wages of workmen for April, -	307	00	
			Ichabed Compton, for 100 cords of wood, at \$4 50, - - - -	280	05	
297		12	Ditto, for 200 cords do. do. Clement and Scull, for 100 cords of wood, at \$4 75, -	450	00	
298		26	Ichabed Compton, for 100 cords of wood, - - - - -	900	00	
				475	00	
				450	00	

No.	1821.			Dolls.	C.	Dolls.	C.
298	May	26	Clement and Scull, for 100 cords of wood, - - - - -	475	00		
299	June	2	Ichabod Compton, balance for 505 1/4 cords of wood, - -	473	62		
			Ann Smith, for hauling wood on the wharf, - - - - -	43	37		
			Henry Nixon, for 6 months' rent of wood wharf, - - - -	175	00		
300			Wages of workmen for May, - -	349	38		
302		23	Clement and Scull, for 200 cords of wood, - - - - -	950	00		
303		28	John Marley, on account, for cording wood, - - - - -	30	00		
304	July	2	Ann Smith, on account, for hauling wood to engines, -	80	00		
			Wages of workmen for June, -	292	06		
305		7	Clement and Scull, for 200 cords of wood, - - - - -	950	00		
306		21	Ditto, for 100 do., - - - - -	475	00		
308	Aug.	1	Ann Smith, on account, for hauling wood to the engines,	40	00		
			Wages of workmen for July, -	321	56		
309		10	Clement and Scull, for 100 cords of wood, - - - - -	475	00		
310		16	Ditto, do. - - - - -	475	00		
312	Sept.	1	Ann Smith, for hauling split logs to engines, - - - - -	12	00		
			Ditto, on account, for hauling wood to engines from wharf,	30	00		
			Wages of workmen for August,	321	25		
313		8	John Marley, on account, for cording wood, - - - - -	30	00		
			Clement and Scull, balance for 1000 cords of wood, - - - -	475	00		
314		24	John Tuft, for 100 cords of wood, at \$5 00, - - - - -	500	00		
			Clement and Scull, for 100 cords do. do. - - - - -	500	00		
315	Oct'r	1	Thomas Morgan, for 33 gallons neat's oil, - - - - -	46	12		
			Frederick Graff, for sundry small bills paid by him, - - - -	6	86		
			Ann Smith, for sundry hauling in September, - - - - -	7	87		
			Ditto, on account, for haul- ing wood to engines, - - - -	30	00		
316			Wages of workmen for September,	375	99		
317		8	William Snare, on account, for hauling wood from Delaware to engines, - - - - -	40	00		
318		16	John Tuft, balance for 195 1/4 cords of wood, at \$5 00, - -	476	25		
			Ichabod Compton, on account, for wood received of him on the Delaware, - - - - -	900	00		
319		20	Ditto, do. - - - - -	330	00		

No.	1821.		Dolls.	C.	Dolls.	C.	
320	Oct'r	29	Clement and Scull, balance for 233 1/4 cords wood, at \$5 00, William Snare, balance for hauling 256 1/2 cords of wood from the Delaware, at 50 cts., - - - - -	666	25		
321	Nov'r	1	Ann Smith, for hauling old pipes to engines, &c., - - Wages of workmen for October, Ichabod Compton, balance for 302 5/8 cords of wood from the Delaware, - - - - -	88	25		
322		14	William Snare, for hauling 46 cords of wood from the Delaware, - - - - -	21	00		
325	Dec'r	6	Wages of workmen for November, E. and T. Dallet, for tallow and candles, - - - - -	343	55		
327		20	Henry Nixon, for six months' rent of wharf and shop, due Oct'r 15, - - - - -	237	56		
328			William Davis, for chandlery, Samuel P. Wetherill & Co. for oil, emery, &c., - - - - -	23	00		
			Rush & Muhlenberg, for repairs of engines, &c., - - - - -	333	73		
			Michael Fox, for bricks for boilers, - - - - -	254	90		
330		26	David Fisher, for glazing 213 lights of glass, - - - - -	175	00		
			John Marley, balance for cord- ing 1974 cords of wood, - - Ann Smith, balance for hauling 1545 cords of wood, - - - - -	246	51		
			Jonathan Coffee, on account, for repairs of boilers, &c., Wages of workmen for December,	46	53		
				275	21		
				15	60		
				42	60		
				18	96		
				129	00		
				120	00		
				390	07		
				-----		16766	35

INCIDENTAL EXPENSES.

287	Feb'y	1	Nicodemus Loyd and Son, for 12 lbs. stove-pipe, - - - -	3	00		
			Lydia R. Bailey, for printing 150 copies of reports of 1820, - - - - -	9	00		
288		17	Arabella Jones, for six months' ground rent, shop lot, due Feb. 1, - - - - -	13	33		

No.	1821.			Dolls.	C.	Dolls.	C.
289	March	1	William Runkel, for recording survey of Callowhill st. &c.,	11	25		
			John Carter, for hack hire, in 1820 and 1821, - - - - -	49	50		
290		8	Matthew Randall, for settling and entering up books, - -	300	00		
			Ditto, sundries for the office, desks, &c., - - - - -	273	51		
			Jacob Frick, for advertising in 1820, - - - - -	4	67		
294	April	24	William Duane, ditto, in 1820 and 1821, - - - - -	11	67		
295	May	1	William Fry, for certificate, receipt and check books, - -	26	20		
			Hannah Milnor, for sundries, had in 1820 and 1821, - - -	57	00		
297		12	Enion Williams, on account, for correcting water rent accounts, &c., - - - - -	90	00		
298		26	Jacob Gardner, for taxes on Fair Mount estate for 1820, &c., - - - - -	44	80		
299	June	2	John Carter, for hack hire, to March 6, - - - - -	99	50		
			Frederick Graff, for sundry small bills paid by him, - -	19	20		
301		7	J. Dela Meter, 1 year's interest for lot on Callowhill street, due May 20, - - - -	33	33		
304	July	2	John Carter, for hack hire, to June 30, - - - - -	50	00		
306		21	Abraham Small, for books and stationary for Register's office, - - - - -	98	85		
			William Rush and A. Cuthbert, expenses in going after timber, - - - - -	15	14		
311	Aug.	30	Arabella Jones, for 6 months' ground rent, due Aug. 1, - -	13	33		
			Hannah Milnor, for sundries,	92	91		
			John H. Campbell, for services in Register's office, - - -	50	25		
312	Sept.	1	Jacob Philips, for patent balance, - - - - -	13	00		
			John Carter, for hack hire for July and August, - - - - -	90	00		
315	Oct'r	1	Enion Williams, on account, for correcting water rents accounts, - - - - -	30	00		
			Francis Mitchell, poor tax for Fair Mount estate for 1821,	26	67		
320		29	James Andrews, on account, for correcting water rent accounts, - - - - -	100	00		
321	Nov'r	1	John Carter, for hack hire, to October 31, - - - - -	57	00		

No.	1821.		Dolls.	C.	Dolls.	C.
326	Dec'r	8	J. H. Cunningham, for 6 quires of ruled paper, to order, -	4	50	
327		20	Frederick Erringer, for city and poor tax for 1821, workshop estate, - - - - -	16	27	
			Jacob Frick, for advertising in 1821, - - - - -	17	84	
			William Duane, ditto, do., - -	10	00	
			Zachariah Poulson, ditto, do.,	16	00	
			Hannah Milnor, for sundries,	12	39	
			Samuel Relf, agent, for advertising in 1821, - - - - -	22	07	
329			John Binns, ditto, do., - -	19	00	
329			Francis G. Smith, for sundries,	64	50	
			John Carter, for hack hire, to December 5, - - - - -	34	00	
330		26	J.S.Lewis and J. Bacon, for postage and remittance, - -	15	21	
			William and George Hyde, for stationary, - - - - -	18	62	
			William Fry, for printing notices, &c., - - - - -	4	60	
				-----		1938 11

SALARIES.

292	April	2	Frederick Graff, one quarter's salary, due April 1, - - -	500	00	
304	July	2	James Young, six months' ditto, due July 1, - - - - -	25	00	
			Frederick Graff, one quarter's ditto, due July 1, - - - -	500	00	
306		21	Matthew Randall, one quarter's ditto, due April 13, - - - -	125	00	
			Thomas P. Roberts, one ditto, due July 14, - - - - -	125	00	
316	Oct'r	1	Frederick Graff, one quarter's salary, due October 1, - - -	500	00	
320		29	Thomas P. Roberts, ditto, due October 14, - - - - -	125	00	
330	Dec'r	26	James Young, six months' salary due December 31, - - - - -	25	00	
			Frederick Graff, one quarter's ditto, do. - - - - -	500	00	
				-----		2425 00

DAM, LOCKS, &c.

No.	1821.			Dolls.	C.	Dolls.	C.
285	Jan'y	6	Ariel Cooley, on account, for building Dam, Locks, &c., -	2000	00		
286		20	Ditto, - - - - - ditto,	2000	00		
287	Feb'y	1	Ditto, - - - - - ditto,	2000	00		
288		17	Samuel Haines, survey and plan of Schuylkill, to Falls, - -	131	00		
			Ariel Cooley, on account, for building Dam, Locks, &c., -	1000	00		
289	March	1	Thomas Oaks, for model of water wheel, and services in 1819 and 1820, - - - - -	200	00		
			Ariel Cooley, on account, for building Dam, Locks, &c., -	1500	00		
291		17	Ditto, - - - - - ditto,	1500	00		
292	April	2	Ditto, - - - - - ditto,	1500	00		
293		14	Ditto, - - - - - ditto,	1250	00		
297	May	12	Ditto, - - - - - ditto,	2000	00		
298		26	Ditto, - - - - - ditto,	2000	00		
299	June	2	Frederick Graff, for sundry small bills paid by him, - -	40	62		
300			Ariel Cooley, on account for building Dam, Locks, &c., -	750	00		
302		23	Ditto, - - - - - ditto,	500	00		
304	July	2	Ditto, - - - - - ditto,	500	00		
305		7	Ditto, - - - - - ditto,	1000	00		
306		21	Ditto, - - - - - ditto,	2000	00		
307		26	Ditto, - - - - - ditto,	2000	00		
310	Aug.	16	Frederick Erdman, balance for planking south face of dam,	54	00		
			Ariel Cooley, on account, for building Dam, Locks, &c., -	2000	00		
313	Sept	8	Ditto, - - - - - ditto,	2000	00		
			J. S. Lewis, expenses of committee going to Massachusetts,	175	80		
315	Oct'r	1	Frederick Graff, for sundry small bills paid by him, - -	53	03		
317		8	Samuel Haines, for surveying up Schuylkill, - - - - -	70	00		
322	Nov'r	14	Ariel Cooley, on account, for building Dam, Locks, &c., -	5000	00		
326	Dec'r	8	Ditto, - - do. - - for raising head pier, - - - - -	200	00		
			William Norris, for coping head pier, - - - - -	50	00		
328		20	Michael Fox, for bricks, for paving head arches, - - - -	44	00		
				-----		33518	45

IRON PIPES.

No.	1821.			Dolls.	C.	Dolls.	C.
287	Feb'y	1	Alexander Purviss, for 19 1/2 yards cloth, - - - - -	9	75		
			Wages of workmen for January, 1821, - - - - -	60	75		
289	March	1	Charles Green, for 147 lbs. brass work, at 40 cts., - -	58	80		
			Wages of workmen for February,	166	83		
292	April	2	Thomas Sparks, for 11 C. O qr. 12 lbs. lead, at \$7 50, - -	83	30		
			John Newsham, for turning patterns, - - - - -	7	00		
			Wages of workmen for March, -	120	25		
294		24	J.S.Lewis & J.Bacon, for payment of lead, and insurance,	1348	05		
295	May	1	Charles Green, for brass work,	25	00		
			Wages of workmen for April, -	98	50		
296		2	Benj. B. Howell, for castings delivered in 1820 and 1821, -	1414	07		
298		26	James Watts, freight and primeage on 20322 lbs. lead, - -	26	78		
299	June	2	Ann Smith, for hauling pipes in April and May, - - - - -	25	50		
			Frederick Graff, for sundry small bills paid by him, - -	5	00		
300			Wages of workmen for May, - -	307	29		
301		7	J.S.Lewis and J.Bacon, balance for 17 T. 17 C. 1 qr. 1 lb. lead, and insurance, - - -	1332	19		
302		23	Price and Morgan, freight of 336 pigs of lead, - - - - -	27	72		
303		28	Benj. B. Howell, for sundry pipes and castings, - - - - -	1276	13		
304	July	2	Ann Smith, for sundry hauling in June, - - - - -	23	33		
			Wages of workmen for June, - -	629	04		
306		21	J.S.Lewis and J.Bacon, balance for iron pipes, received in 1819 and 1820 from London, - - - - -	33	00		
308	Aug.	1	Wages of workmen for July, - -	259	83		
309		10	Joseph Edwards, for 159 lbs. brass castings, at 37 1/2 cts., - - - - -	59	62		
			Benj. B. Howell, for pipes and castings, - - - - -	940	12		
311		30	Ditto, - - - - - do. - - - -	796	50		
312	Sept.	1	Edward W. Carr, for cock-screws and brasses, - - - - -	52	43		
			Wages of workmen for August,	92	01		
315	Oct'r	1	Edward W. Carr, for cock-screws and brasses, - - - - -	86	97		
			Frederick Graff, for sundry small bills paid by him, -	17	97		
316			Wages of workmen for September,	169	64		

No.	1821.		Dolls.	C.	Dolls.	C.
317	Oct'r	8	Benj. B. Howell, for pipes and castings, - - - - -	357	34	
321	Nov'r	1	Samuel Richards, for 76 ft. 9 in. of six-inch iron pipes, at 94 cts., - - - - -	72	14	
			Joseph Edwards, for brass work, - - - - -	92	16	
			Wages of workmen for October,	112	99	
323		19	Benj. B. Howell, for iron pipes and castings, - - - - -	566	10	
325	Dec'r	6	Wages of workmen for November, laying pipes in Walnut street, - - - - -	317	44	
327		20	William Lehman and Co. for 6 carboys of vitriol, - - - - -	27	34	
328			William Dilworth, for spades, ironmongery, &c., - - - - -	40	00	
			William Davis, for spun yarn and ropes, - - - - -	91	88	
			Rowley and Alberger, for lead pipes and plumber's work,	206	69	
			Rush and Muhlenberg, for sundry castings, - - - - -	255	04	
330		26	Edw. W. Carr, for 82 1/2 lbs. of cock-screws and brasses,	30	84	
			Wages of workmen for December,	119	78	
				-----		11843 11

BUILDINGS.

285	Jan'y	6	Ariel Cooley, on account, for quarrying for raising mains,	1000	00	
287	Feb'y	1	J.S.Lewis and J.Bacon, for 17 casks of Roman cement, - - -	153	00	
289	March	1	Frederick Erdman, on account, for carpenter's work, - - -	80	00	
290		8	Reeve Lewis and Co. for 3 mill shafts, - - - - -	1970	51	
291		17	Provest and Byrne, on account, for dressed stone, - - - - -	1000	00	
292	April	2	Ann Smith, for hauling mill plank, - - - - -	8	50	
			John Newsham, for turning wheel patterns, - - - - -	8	00	
294		24	Watson and Bunting, for lumber for window frames, &c., - -	175	03	
			B. Newport, for limber wheels and barrows, - - - - -	60	50	
			Ariel Cooley, on account, quarrying mill sites, - - - - -	1250	00	

No.	1821.			Dolls.	C.	Dolls.	C.
295	May	1	Longstreth, for mill lumber, on account of W. Maris, - -	300	00		
295			Jesse Dickinson, for hauling mill shafts, - - - - -	40	00		
			Frederick Erdman, balance for making door and window frames, - - - - -	124	10		
			Joseph Morris, measuring ditto,	4	71		
			John Warnock, for spikes and nails, - - - - -	9	92		
297		12	William Kneass, for copper plate and inscription, &c.,	84	00		
			Provest and Byrne, on account, for dressed stone, - - - -	500	00		
298		26	Samuel Haines, for sundry lev- elling and surveying, - - -	29	25		
299	June	2	Michael Williamson, for iron and steel, - - - - -	136	78		
			Robert Paul, for 11 days' hire of pile-driver, - - - - -	15	75		
			Ann Smith, for hauling canal sand, - - - - -	7	99		
			Henry Nixon, for 6 months' rent of shop, &c. due Apr. 15, - - - - -	75	00		
			Frederick Graff, for sundry bills paid by him, - - - -	50	34		
300			Wages of workmen for May, - -	134	53		
			Drury Bromley, wages of men for January, February, March, April, and May, - - - - -	446	04		
			John Moore, wages of men for May, - - - - -	401	74		
301		7	Ariel Cooley, on account, for quarrying mill sites, - - -	750	00		
302		23	Drury Bromley, for his ser- vices, etc. to May 31, - - -	452	31		
			Provest and Byrne, on account, for dressed stone, - - - - -	1000	00		
303		28	Benj. B. Howell, for 8 T. 6 C. 0 qr. 15 lbs. iron wall plates, - - - - -	581	47		
304	July	2	Thomas Bonsall, for 655 bush- els of lime, at 24 cts., -	157	20		
			Drury Bromley, his wages for June, - - - - -	104	00		
			Ann Smith, for hauling in June	23	68		
			Drury Bromley, wages of his men for June, - - - - -	157	78		
			John Moore, wages of his men for ditto, - - - - -	531	25		
			Wages of workmen for June, - -	88	48		
305		7	Scott and Maxwell, for 845 ft. pile stuff, - - - - -	16	90		
			Provest and Byrne, on account, for dressed stone, - - - -	500	00		

No.	1821.		Dolls.	C.	Dolls.	C.	
306	July	21	J.S.Lewis and J.Bacon, for 20 casks Roman cement, - - - -	180	00		
			Provest and Byrne, on account, for dressed stone, - - - -	1500	00		
			Frederick Erdman, on account, for carpenter's work, - - -	100	00		
308	Aug.	1	John Warnock, for nails, spikes, &c., - - - - -	26	88		
			Joseph Williams, for mahogany for patterns, - - - - -	15	71		
			Drury Bromley, his wages for July, - - - - -	58	00		
			Ditto, wages of his men for July, - - - - -	137	00		
			John Moore, wages of his men for ditto, - - - - -	609	60		
			Frederick Miley, for canal sand, hauling, &c., - - - -	74	12		
			Wages of workmen for July, - -	100	38		
309		10	Benj. B. Howell, mill wheel castings, &c., - - - - -	154	27		
310		16	Frederick Erdman, on account, for carpenter's work, - - -	40	00		
			Ditto, for sundry lumber purchased from him, - - - - -	22	50		
311		30	Mayland and Hiles, on account, for lumber for roof, &c.,	500	00		
			Benj. B. Howell, for sundry castings, - - - - -	495	13		
312	Sept.	1	Thomas Bonsall, for 760 bushels of lime, - - - - -	182	40		
			Drury Bromley, his wages for August, - - - - -	108	50		
			Ditto, wages of his workmen,	226	96		
			John Moore, wages of his men for August, - - - - -	864	44		
			Ann Smith, for hauling canal sand, - - - - -	33	00		
			Frederick Erdman, on account, for carpenter's work, - - -	100	00		
			Wages of workmen for August,	87	93		
313		8	Provest and Byrne, on account, for dressed stone, - - - -	600	00		
			Michael and Samuel Fox, on account, for bricks, - - - -	400	00		
314		24	Frederick Erdman, on account, for carpenter's work, - - -	100	00		
315	Oct'r	1	John Brady, on account, for dressed stone, - - - - -	400	00		
			Henry Bell, for lumber, - - -	10	24		
			William Byrne, for corner stone, smith's shop, &c., -	76	56		
			Michael Williamson, for bolt and other iron, - - - - -	247	54		
			Frederick Graff, for bills paid by him, - - - - -	21	91		

No.	1821.			Dolls.	C.	Dolls.	C.
315	Oct'r	1	Ann Smith, for sundry hauling in September, - - - - -	29	75		
			Thomas Bonsall, for 717 bush- els of lime, - - - - -	172	08		
			Drury Bromley, his and men's wages for September, - - - - -	449	78		
316			John Moore, wages of his men, Wages of workmen for September,	918	56		
317		8	Frederick Erdman, on account, for carpenter's work, - - -	60	00		
			Provest and Byrne, on account, for dressed stone, - - - - -	200	00		
			Benj. B. Howell, for sundry castings, - - - - -	1278	56		
319		20	Provest and Byrne, on account, for dressed stone, - - - - -	400	00		
			John Brady, for ditto - - -	300	00		
			Frederick Erdman, on account, for carpenter's work, - - -	150	00		
321	Nov'r	1	Michael and Samuel Fox, bal- ance for 150000 bricks, - -	525	00		
			Joseph Caskey for whiskey, - -	51	94		
			Joseph Edwards, brasses for mill work, - - - - -	380	25		
			Ann Smith, for hauling sand in October, - - - - -	40	12		
			Drury Bromley, his and men's wages for October, - - - - -	508	37		
			John Moore, wages of his work- men for ditto, - - - - -	1177	34		
			Frederick Miley, for canal sand and hauling, - - - - -	143	62		
			Wages of workmen for October,	74	22		
322		14	Frederick Erdman, on account, for carpenter's work, - - -	60	00		
313		19	John Brady, on account, for dressed stone, - - - - -	250	00		
323			Benj. B. Howell, for sundry castings, - - - - -	516	67		
324		21	Longstreth and Carrell, on ac- count, for mill lumber, - -	700	00		
325	Dec'r	6	Frederick Erdman, on account, for carpenter's work, - - -	60	00		
			Henry M'Laughlin, for 15 loads of bar sand, - - - - -	13	95		
			Drury Bromley, his and men's wages for November, - - - - -	484	83		
			John Moore, wages of his men for November, - - - - -	1318	94		
			Wages of workmen, for laying pipes, &c., - - - - -	102	87		
			James Greenham, for whiskey,	15	01		
			John R. Griffith, 10 loads of broken slates, - - - - -	30	00		
			Christian Tennant, for marble sills, &c., - - - - -	152	00		

No.	1821.			Dolls.	C.	Dolls.	C.
325	Dec'r	6	Ann Smith, for sundry hauling,	41	33		
			Thomas Bonsall, for 1970 bush-				
			els of lime, - - - - -	472	80		
326		8	Ariel Cooley, for timber, re-				
			pairs of tools, &c., - - -	324	71		
			Frederick Erdman, on account,				
			for carpenter's work, - - -m	60	00		
			Houston and Green, for mill				
			lumber, - - - - -	325	00		
			Provest and Byrne, on account,				
			for dressed stone, - - - - -	600	00		
327		20	Watson and Bunting, for sundry				
			lumber, - - - - -	45	75		
			John Moore, for his and men's				
			wages for December, - - - -	992	59		
			Joseph Williams, for mahogany,	82	50		
			Gorgas and Keyser, for 2 sheer				
			poles, - - - - -	5	00		
			Jonah Thompson and Co. for				
			nails and spikes, - - - - -	64	85		
			William Maris, for 2957 feet				
			mill lumber, - - - - -	72	10		
			John Brady, balance for 2125				
			ft. cut stone, &c., - - - -	479	24		
			Frederick Wiley, for canal				
			sand, hauling, &c., - - - -	88	31		
328			Henry Nixon, for six months'				
			rent of wharf, &c. due Octo-				
			ber 15, - - - - -	75	00		
			William Dilworth, for iron-				
			mongery, - - - - -	61	25		
			William Davis, for tackling,	84	82		
			Samuel P. Wetherill, for				
			paints, oil, &c., - - - - -	15	03		
			Stephen Simmons, for sundry				
			lumber, - - - - -	176	44		
			Rush and Mühlenberg, for cast-				
			ings for mill work, - - - -	141	35		
			Michael Fox, for bricks, - - -	159	67		
329			Joseph Caskey, for 2 barrels				
			whiskey, - - - - -	25	63		
330		26	Frederick Erdman, on account,				
			for carpenter's work, - - -	50	00		
			J.S.Lewis and J.Bacon, for 4				
			casks cement, - - - - -	36	00		
			Jonathan Coffee, for iron work				
			for mills, - - - - -	307	18		
			Mayland and Hiles, balance				
			for 40982 ft. of lumber, - -	396	18		
			Rhoads and Jeans, for scant-				
			ling and boards, - - - - -	799	41		
			Drury Bromley, for his and				
			men's wages to December 24,	378	31		
			Wages of masons, stone-cutters,				
			and labourers, at mills, - -	363	37		

RESERVOIR.

No.	1821.		Dolls.	C.	Dolls.	C.	
309	Aug.	10	Maguire and M'Ninch, on account, for digging reservoir	100	00		
310		16	Ditto, - - - - - ditto, - - -	100	00		
312	Sept	1	Ditto, - - - - - ditto, - - -	100	00		
313		8	Ditto, - - - - - ditto, - - -	100	00		
314		24	Ditto, - - - - - ditto, - - -	150	00		
315	Oct'r	1	Ann Smith, on account, for hauling stone in reservoir,	50	00		
317		8	Maguire and M'Ninch, on account for digging, - - - - -	150	00		
318		16	Ditto, - - - - - ditto, - - -	150	00		
320		29	Samuel Haines, for surveying and levelling, - - - - -	12	25		
			Maguire and M'Ninch, balance for digging reservoir and piling stone, - - - - -	310	46		
321	Nov'r	1	Ann Smith, for hauling sand and clay, - - - - -	10	75		
323		19	Thomas Maguire, on account, for hauling clay, - - - - -	50	00		
325	Dec'r	6	Ditto, - - - - - ditto, - - -	50	00		
			Robert M'Ninch, on account, for hauling dirt on banks,	35	00		
			Ditto, - - - - - ditto, - - -	30	00		
			Wages of workmen for November,	67	86		
			Ann Smith, balance for hauling 341 perch of stone, - - - - -	35	25		
326		8	Thomas Maguire, on account, for hauling clay, - - - - -	50	00		
			Robert M'Ninch, on account, for hauling dirt on banks,	30	00		
328		20	Rush and Muhlenberg, for iron castings, - - - - -	81	53		
330		26	Wages of workmen, levelling dirt and clay, - - - - -	41	24		
				<hr/>		1704	34

PUMPS.

306	July	21	Rush and Muhlenberg, on acc't for 2d payment for pumps, -	1000	00		
329	Dec'r	20	Bitto, - - - - - ditto, - - -	1000	00		
				<hr/>		2000	00
				<hr/>		115746	36
				<hr/>			

No. 1.

ABSTRACT OF PAYMENTS

MADE BY THE

WATERING COMMITTEE,

From Dec'r 31, 1820, to Dec'r 31, 1821.

	Dolls.	C.
Distribution, - - - - -	8318	82
Engines, - - - - -	16766	35
Incidentals, - - - - -	1938	11
Salaries, - - - - -	2425	00
Dam, Locks, &c., - - - - -	33518	45
Iron Pipes, - - - - -	11843	11
Buildings, - - - - -	37232	18
Reservoir, - - - - -	1704	34
Pumps, - - - - -	2000	00
	115746	36

No. 2.

SUMS PAID INTO THE TREASURY

BY THE SUPERINTENDENT,

From Dec'r 31, 1820, to Dec'r 31, 1821.

	Dolls.	C.
1821.		
May 21 To John Bacon, Treasurer, - - - - -	139	14
August 27 To ditto, do. - - - - -	98	00
Dec'r 26 To ditto, do. - - - - -	18	25
	255	39

No. 3.

STATEMENT OF PIPE

USED IN THE DISTRIBUTION,

From Dec'r 31, 1820, to Dec'r 31, 1821.

1821.		Feet.	Feet.
June	1	Twelfth, from George to Walnut, -	235
	16	Green's court, from Spruce to Pine street, - - - - -	522
August	3	Acorn alley, - - - - -	240
		Part of Blackberry alley, - - - -	112
	5	Used in repairs to this date, - -	2488
		Ditto to August 20th, - - -	1178
		Ditto to October 11th, - -	788
		Ditto to December 10th, - -	832
		Ditto to December 31st, 1821,	150
		-----	6545
		From which deduct old pipes, taken out of Walnut street, and used in repairs, - - - - -	742

			5803
		Logs in the pond, December 31, 1820,	84
		Logs purchased in 1821, - - - - -	6093

			6177
		Logs laid and used in repairs, as above, - - - - -	5803

		Leaves in the pond, December 31, 1821, - - - - -	374

There have also been laid the following iron pipes:			
		Chesnut, from Broad to Front street, of ten inch pipe, - - - - -	6176
		Branches from ditto, at the intersecting streets, of six inch,	378
		Walnut, from Dock, to above Sixth street, of six inch, - - - - -	1861
		Branches from ditto, at the intersecting streets of do., - - -	60

			Pipes.
		There remain on hand, Dec. 31, 1821,	
		of 8 inch pipes,	57
		Ditto, do. - - - 6 do. -	126
		Ditto, do. - - - 4 do. -	7
		Ditto, do. - - - 3 do. -	17

			207

No. 4.

ESTIMATES FOR THE YEAR 1822.

	Dolls.	C.	Dolls.	C.
For working engines and materials, six months, - - - - -	1950	00		
Two men, working new pumps, and materials, for six months, - - - - -	750	00		
Rent of wood wharf and store house for nine months, - - - - -	375	00		
Hauling wood to engines, now on the wharf, 1200 cords of wood, hauling and piling, at \$5 50, - - - - -	6600	00		
			9775	00
For 6500 feet of pipe timber, boring, and hauling, at 50 cents, - - - - -	3900	00		
Sundry castings, - - - - -	800	00		
Hydrant pumps and fixtures, - - - - -	400	00		
Repairs of Hydrants and fire plugs, - - -	4000	00		
10000 feet of lumber, - - - - -	400	00		
Salaries of Superintendent, Register, and Messenger, - - - - -	2550	00		
Incidentals, stationary, printing, &c., -	538	50		
			12588	50
Total,			22363	50
From which is to be taken the surplus of appropriation for 1821:				
Amount of appropriation for 1821, - - - -	41960	84		
Expended for engines, wood, &c. 16766 35				
Pipe timber, castings, lumber, salaries, and incidentals, 12681 93				
Iron pipes, - - - - - 11843 11				
	41291	39		
			669	45
Balance of Estimate, - -			21694	05

FREDERICK GRAFF,

Superintendent of the Water Works.

No. 5.

STATEMENT

of

THE ACCOUNT OF WATER RENTS FOR 1821.

	Dolls.	C.
Amount of Water Rents, as delivered to the Collectors,	23016	50
Less ten per cent., for allowances and commissions,	2301	65
	20714	85

No. 6.

AMOUNT OF WATER RENTS, AND FOR REPAVING, RECEIVED BY THE REGISTER,
FROM FEBRUARY 1st TO DECEMBER 1st, 1821, AND PAID
TO THE TREASURER.

	Dolls.	C.
Total amount received, - - - - -	1153	60
For repaving, - - - - -	\$429	79
Water Rents, - - - - -	\$680	31
174 permits at 25 cents, - - - - -	43	50
	723	81
	1153	60

No. 7.

DWELLINGS, MANUFACTORIES, AND INSTITUTIONS,

Supplied with the Schuylkill Water, to the 31st December, 1821.

		Dolls.	C.	Dolls.	C.
170	Horses, - - - - -	at 1	00	170	00
65	Houses in courts, - - - - -	2	00	130	00
11	Ditto, do. - - - - -	2	50	27	50
380	Baths in the city, - - - - -	3	00	1140	00
12	Baths in the county, - - - - -	4	50	54	00
3630	Dwellings, schools, churches, &c., - - - - -	5	00	18150	00
3	Dwellings, - - - - -	6	00	18	00
3	Bake houses, - - - - -	7	00	21	00
82	Dwellings in the county, - - - - -	7	50	615	00
15	Hatters, - - - - -	8	00	120	00
5	Hydrant pumps, Vinegar yard, &c., - - - - -	9	00	45	00
65	Inns, stables, banks, &c., - - - - -	10	00	650	00
6	Soap boilers, dyers, &c., - - - - -	12	00	72	00
12	Dyers and other manufactories, - - - - -	13	00	156	00
50	Distilleries, soap boilers, &c., - - - - -	15	00	750	00
28	Sugar houses, distilleries, &c., - - - - -	20	00	560	00
1	Hydrant in Shields's court, - - - - -	22	00	22	00
1	Ditto, in Branner's court, - - - - -	20	00	20	00
2	Stable, (Livery) &c., - - - - -	24	00	48	00
14	Sugar houses, hatters, inns, brewery, &c.	25	00	350	00
11	Soap boilers, dyers, and prisons, - - - - -	30	00	330	00
2	Breweries, - - - - -	34	00	68	00
6	Tan yards, stables, manufactories, - - - - -	35	00	210	00
6	Breweries, stables, and dyer, - - - - -	40	00	240	00
5	Do. hospital, &c., - - - - -	50	00	250	00
2	Breweries, - - - - -	59	00	119	00
1	Brewery, - - - - -	70	00	70	00
1	Bath house, - - - - -	80	00	80	00
1	Alms house, - - - - -	100	00	100	00
				24584	50

4590

Amount of Duplicates of Water Rents, for 1821.

	Dolls.	C.
North Mulberry Ward, - - - - -	1399	50
Upper Delaware do., - - - - -	1384	00
South Mulberry do., - - - - -	1602	50
Lower Delaware do., - - - - -	1474	00
North do., - - - - -	2939	00
High street do., - - - - -	1387	00
Middle do., - - - - -	1893	00
Chesnut do., - - - - -	1459	00
South do., - - - - -	2057	50
Walnut do., - - - - -	1192	50
Locust do., - - - - -	2699	00
Dock do., - - - - -	1249	50
Cedar do., - - - - -	2083	50
New Market do., - - - - -	1764	50
	24584	50

Signed, THOMAS P. ROBERTS,
Register.