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REPORT

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of the

WATERING COMMITTEE

to the

SELECT AND COMMON COUNCILS.

READ FEBRUARY 10, 1820.

PUBLISHED BY ORDER OF THE COUNCILS.

Philadelphia:

Printed by Lydia R. Bailey, No. 10, North Street. 1820.

ANNUAL REPORT

527.

of the

WATERING COMMITTEE.

THE Watering Committee, in offering to Councils their Annual Report, are happy at this period of general pressure to state that the sum required for the support of the Water Works, during the present year, falls many thousands dollars short of the sums appropriated in preceding years; the sum of \$4799 88 only being wanted, after appropriating \$4000 to the Sinking Fund.

Buring the past year, the contemplated alterations in the South Boiler were accomplished, and have been found fully to answer the purpose expected.

Agreeably to the Ordinance of 24th December, 1818, a purchase of the lot from Henry Nixon and others was made for the sum authorized, and a Deed has been executed therefor by the owners, who, as well as the other proprietors of property in Morrisville, have vacated for the use of the City, that part of Bridge street which divides the Reservoir from the western part of the City Property at Fair Mount.

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The Ordinance of 17th December, 1818, directing the borrowing of seventy thousand dollars, to be applied to the purchase and laying down of Iron Pipes of Conduit, has been carried into effect as far as it could be done. The amount of the Loan authorized has been borrowed, and contracts have been made here and in London, for the whole of the Pipes, but owing to the sudden approach of winter, the quantity wanted to complete the contract of Mr. Samuel Richards, has been prevented from arriving, although actually laden on board the vessels at the furnace, and expected to have been here early in December. Those ordered from England, (being not quite three-tenths of the whole quantity required,) have all been received except twelve Pipes: these consist of the twenty-two inch Iron Main, which could not be procured here upon any terms that it would have comported with justice to Mr. Richards or to the City to have accepted; the price asked being from twenty-five to fortyone per cent. higher than his contract, for all he would undertake to deliver, whilst those from England have cost seventeen per cent. less. Therefore the section and the section and the section of the

A commencement has been made in laying down the Pipes, and completed from Chesnut to Vine street, and as soon as the weather will permit, the work will be re-commenced, and, the Committee hope, completed, early in the season. An important part of the work has been done, by filling up Hunter street, near the Reservoir, to get on the Canal Bank, on a level therewith.

The important work authorized by Ordinance of 8th April last, has been commenced with every prospect of a satisfactory termination. According to the terms proposed, the purchase of the water right from Josiah White and Joseph Gillingham was completed, and the

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agreement with the Navigation Company made and signed. A contract was entered into with Captain Ariel Cooley, to make the Dam, Canal Locks, Mill Race, Head Gates and other works complete, for the sum of \$150,000, and warranted by him that the Dam shall be as good and efficient at the expiration of five years from its completion, as at the period it shall be finished. The Canal on the western side is commenced, and will be completed, it is expected, by the lst of September next: the Dam is in considerable forwardness, the Race is well advanced, and, the Committee trust, will be completed by the 25th of December next, the time fixed in the contract. Of the Loan authorized \$40,000 have been borrowed.

The Committee are now engaged in procuring suitable plans for the Mill houses and Machinery, which they contemplate to have erected in time to work as soon as the Dam is completed.

The sum appropriated last year for the purchase of ten and six inch Iron Pipes, has not yet been expended; but contracts have been made for the delivery of them in May, June, and July next, when the amount will be wanted.

The Committee beg leave to refer to the annexed Accounts, as part of their Report, viz.

No.	1.	Showin			ums en rks:-		d in	ear	ryi	ng	on				
							amo	unti	ing	to	-	100	-	\$26,864	16
														51,016	
		And	that	for	• the	Dam,	Lock	s, 8	bc.,	**	-	-		41,183	08
No.	2.	Shows	the i	sum	paid	into	the	Tres	sur	y.					

during the last year, by the Superintendent.

No. 3. Exhibits the quantity of Wooden Pipe laid down during the last year, and the quantity on hand. 530. (1819, page 5)

Contains the Estimate for carrying on the Fair No. 4. Mount Water Works, during the current year, \$23,750 00 which may in part be provided for in the following manner: --The unexpended balance of monies appropriated for the support of the Works last year, - - - \$20,135 84 Less this sum to be paid on a contract for ten and six inch Iron Pipe, - - 19,180 00 955 84 Amount paid by the Superintendent into the Treas-1,694 98 Water Rent, per Account No. 5. - - - - - - \$19,732 84 Deduct this sum, appropriated by the Ordinance of 17th December, 1818, to the Sinking Fund, - - 4,000 00 -----15,732 84 Water Rents received in advance by the City Clerk, in 1819, and paid into the Treasury, per Account No. 6, - -566 46 18,950 12 Leaves amount to be appropriated, - - - -\$ 4,799 88 Exhibits the number of Dwellings, &c., supplied with Schuyl-kill water, being 3637 Houses, Manufactories, and Stables, No. 7. 160 Stalls for Horses, and 285 Private Baths.

By order of the Committee,

JOSEPH S. LEWIS, Chairman.

February 2, 1820.

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LIST OF CERTIFICATES FOR MONIES

Drawn by the

WATERING COMMITTEE

for

FAIR MOUNT WATER WORKS,

From Dec. 31, 1818, to Dec. 31, 1819.

	-				
	and have survey				
No.	1819.			Dolls.	C.
194	Feb.	1	In favour of Frederick Graff,	man	
300			Clerk of the Water Works,	763	61
195	March	1	Ditto,	1110	73
196	A	20	Ditto,	781	44
197	April	1	Ditto,	2340	06
198	31	26	Ditto,	2779	04 88
199	May	3	Ditto,	3335 2582	00
201	Stranger and St.	15	Ditto,	1155	00
202	PARKER'S	31	Ditto,	1438	01
203	June	7	Ditto,	10897	79
204	ound	12	Ditto	1750	00
205	1.11.12	17	Ditto,	2060	00
206	1 4 1 × 11	26	Ditto,	1315	07
207	30.1.1.1	200	Ditto,	4000	00
208	July	3	Ditto,	4365	47
209	o we y	21	Ditto,	4560	00
210		24	Ditto.	5090	00
211	Aug.	2	Ditto,	2831	47
212	Aug.	14	Ditto	2000	00
215	****D *	18	Ditto.	560	00
214		21	Ditto,	4500	00
215	1. 2. 19	25	Ditto,	3000	00
216	Sept.	1	Ditto,	2010	28
217		7	Ditto,	1500	00
218		20	Ditto,	610	00
219		21	Ditto,	1000	00
220		30	Dirto,	3029	12
221	Oct.	7	Ditto	10000	95
222		27	Ditto,	3000	00
223	Nov.	1	Ditto	2397	28
224		12	Ditto,	1000	00
225		20	Ditto	5276	84
226		26	Ditto	3000	00
227			Ditto,	4000	00
228	Dec.	1	Ditto,	2681	28
229		4	Ditto,	2000	00
230		4.6	Ditto,	4500	00
231		10	Ditto,	2158	82
232		23	Ditto,	2180	64
233		28	Ditto,	5502	90
				119063	68
				the second second	1.

No. 1.

ABSTRACT OF PAYMENTS

MADE UNDER THE

FOREGOING CERTIFICATES.

DISTRIBUTION.

			a nina ago non nina nina kati kain n	
No. 194 195	1819. Feb'y. 1 March 1	Wages of workmen for January, 1819	Dolls. 382	C. 36
195	March 1 April 1	Jonas Smith, for sundry hauling in Dec. 1818 and Feb. 1819 Wages of workmen for February, ditto ditto for March,	8 355 314	62 32 77
		Thomas and John Barnhurst for 74 lbs. of brass castings,	29	60
		March 26,	10	37
198	26	pipes in March,	15	00
199	May 3	wharfage,	124 343	04 68
202	31	els of coals delivered,	47 409	00 58
208	July 3	Sellers and Pennock for 8 feet of hose,	8	00
		George and Jacob Peterman for horse feed to May 29,	43 24	76
		Jonas Smith for sundry hauling, Ebenezer Betts for nails, &c., to	56	17
		June 21, Vages of workmen for June,	9 391	22
211	Aug. 2	Nathaniel Whiting for Iron castings had in 1818 and 1819,	273 101	26 49
		Jonas Smith for sundry hauling and re- pairs to wagon,	52 232	80 49
21.6	Sept, 1	ditto ditto for August, Joseph Pierson for 2 loads of hay,	314 32	20 93
		Stilwaggon and Knight for 100 bushels coals delivered,	36	00
		repairs,	7	56

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	1			.1
No.	1819.		Dolls.	C.
216	Sept. 1	Edward Smith for sundry iron,	52	99
		George Smith for spikes, nails, &c.,	16	28
1.2		Michael Frick for 2 dozen pump cocks,	34	00
	1.	Stephen Simmons for sundry lumber,	61	54
		Thomas and John Barnhurst for 21 lbs.	1	1.6
1		of pump brasses,	8.	40
1.1.1		Jonas Smith for horses boring logs,	17	00
218	20	Sprogal Dear for a new cart,	50	00
220	30	Charles Green for brass castings for		1
		the pumps,	7	80
1		Wages of workmen for September,	263	29
		William Britton, for sundry-lamber	35	02
221	Oct. 7	Richard Smith for turning pump nossel	1	1.00
		and boxes,	20	75
223	Nov. 1	Henry Nixon for 32 perch of stone and	1	1
		55 loads of clay,	. 30	60
	and an and an and a	Thomas Morgan for 9 1/4 gallons of	1. 2. 2. 2.11	1
	and and a second	neats foot oil,	13	87
		Joseph Caskey for 3 barrels of whiskey,	34	97
		George Smith for sundry nails, &c., -	14	23
	a state of the	Jonas Smith for boring logs and hauling	March March	1
		ditto,	9	50
	1	Wages of workmen for October,	310	33
228	Dec. 1	R. E. Griffith for 490 feet 1 1/4 inch	1 States	1.11.11
		lead pipes for pumps, &c.,	202	13
		Dixey and Manderfield for 20 hydrant	- Consideration	
		pumps, at \$5 50,	110	00
	a para distriction	Wages of workmen for November,	318	22
232	23	Stephen Simmons for 1576 feet 1 1/4	Constanting	The second
	ALL DESTRICTION OF	inch boards and hauling,	32	52
		Job B. Remington for 3650 feet heart		1.01
		and white pine boards,	73	00 .
	1	Cartnell and English for shoeing		1911
		horse, &c.,	15	30
		Henry Bell for sundry lumber,	90	03
	A STATE	Samuel Wetherill and Son for paints,	1	Rectan
	A SUSSERIES	011, 800.,	54	71
	1.68.375 0.16	Michael Williamson for sundry iron,	40	85
	A Marine Start	Joseph Pierson for 1 load of hay and		1.1.2
	A State of the second	200 bundles of straw,	35	93
233	28	William White for 69 1/2 yards flannel	21	62
		William Dilworth for sundry iron-		
		mongery,	57	19
		Jacob Edenborn's Estate for pump	and the second second	
		leather,	88	50 -
	a faith to all should	George and Jacob Peterman for horse		
	a production and	feed to December 23, 1819,		61
		George Smith for nails,	6	49
	Park State .	Gorgas, Son and Keyser for 299 feet		100
	and the second	1 1/4 inch boards,	10	46
		Rowley and Alberger for plumber's work,	2.00	-
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	lead pipes, solder, &c.,	169	79
	1	Wages of workmen for December,	419	25
			6704	52
			6396	24
			200 cm cm cm (m) 400 4	

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ENGINES.

1		and a state state where a state of	11 3.1	1. 1.14	Ind Links	1 20
	1819.		Dolls.	C.	Dolls.	C.
194	Feb. 4	Wages of workmen for Janu-	0.00	-	1 - A A	
195	March 1	Daniel Large for sundry work	285	50		1
200	March 1	to engines in 1816 & 1819,	170	85	1	
1.116	and the second	Jonas Smith for hauling 300 1/2			1	
1000		cords of wood, landed in	- 10 M	1.1	1584.51	1.000
	12	1818,;	90	15		
300		Wages of workmen for February,	212	25	194929	
196	20	Samuel L. Howell for 100 cords of wood,	595	00	L. Birth	
197	April 1	Wages of workmen for March, -	478	00		
		Charles B. Parke for brass and			1 standard	Real !!
	a state of the	iron castings,	82	95		
	1. Contration in	Henry Nixon for 6 months' rent	10.00		1 Consta	alles M
	122-2415-11-24	of wood wharf, due April 15,	150	00		
	a series in the	1819, Samuel L. Howell for 100 cords		00		1917
	1	of wood,	595	00	1 million in	1.1 ····
		Jonas Smith for hauling 108	1. 1. 3			
	1 Sangade tell	3/4 cords of wood, delivered	-		A start a los	
100		in 1819,	32	62	1 - 63 10	
198	26	Samuel L. Howell for 100 cords of wood,	595	00		
		Gill and Lewis for 100 cords			Lund M	and the
		`of wood,	560	00		1
199	May 3	Wages of workmen for April, -	441	49		Charles .
	18 A. A. A. A. A. A.	Thomas Morgan for 32 3/4 gal-	10	10		
	a series	lons neats foot oil, Elijah and Thomas Dallet for	49	12	1 de la constante	
		858 pounds of tallow,	133	30		1000
	1 Contraction	Jonas Smith for hauling wood				
		18 days,	36	00	N. W. P.	
	Production of the	Gill and Lewis for 100 cords	640	00		
201	24	of wood,	560	00	- In the second	
207	1 43	of wood,	595	00		
		Caldwell and Fisher, for 100				
	1.	cords of wood,	560	00		
202	31	Wages of workmen for May,	363	75		
		Jonas Smith for sundry hauling in May,	34	00		
204	June 12	Gill and Lewis for 100 cords	0.0			
		of wood,	560	00		
		Caldwell and Fisher for 100				
005	1	cords ditto,	560	00		
205	17	Caldwell and Fisher for 100 cords ditto,	560	00		
206	26		560	.00		
	1	Caldwell and Fisher, for 100				
		cords ditto,	560	00		
	1	Oliver Evans for boiler plate,	AA	25		
		800.,	44	35		

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	1	535. (1819,page 1	01		•	1
No.	1819.	ada, (Tatalhaka T	Dolls.	la.	Dolls.	c.
	June 26	Rush and Muhlenberg for new	own our alle alle sait a	1	And the site site by	
	l'and ad	piston, fire doors, &c., -	150	72	1	1
208	July 3	Jonathan Wainwright for re-		1	1/	5
		pairs of tackle blocks,	3	48	1/	
		John Marley on account for				1
	La set finite	cording wood,	40	00		1
		William Somerville for gun bor-	1 . CA131			1
11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		ings and valve seat,	12	21		
		John D. Huhn for 2850 bricks,	28	50	1.0.00	10
		Ringham Bingham balance for			1	the state
		working engine to May 31,	126	50		li ai
	Charles Content	Jonas Smith for hauling wood,		1	1	11. 15
1		&c., in June,	48	00		
	and the second second	Ebenezer Betts for nails, &c.,			A de la della	1.
		to June 21,	5	39		1.24
in a		Wages of workmen for June, -	267	50		
209	21	Gill & Lewis, 100 cords of wood,	560	00		
211	Aug. 2	Wages of workmen for July,	329	25	1 - A A A	
	A. S. Martin .	Caldwell and Fisher for 100				
	AND AREANTED	cords of wood,	560	00	Later Roots	
213	18	Gill & Lewis, 100 cords of wood,	560	00		1.
216	Sept. 1	Wages of workmen for August,	313	75	1	12
		Gill & Lewis, 100 cords of wood,	560	00	1	
	and a statistic	Jonas Smith on account for	1. 1. 1. 1. 1.	1	In the second	
		hauling wood,	50	00	1. 1. 1. 1. 1.	
21.8	80	Caldwell and Fisher for 100			1 is most	
		cords of wood,	560	00	1	
220	30	Wages of workmen for September,	307	81	Barris and	
221	Oct. 7	Gill and Lewis, balance for	1 000	100		
	a stant to be we	807 1/4 cords of wood a 5 60	600	60	1	
	WWW. Lore yes	Caldwell and Fisher do. 703	= 70	0		
002	Nov. 1	1/2 ditto, ditto,	579	60	1	
223	Nov. 1	John Marley balance for cord-	20	57	1 1	
	におかれないようかう	ing 1914 1/4 cords of wood,	36	P.		
	1.000	Henry Nixon for six months' rent of wood wharf,	175	00		
	Mar . Pro Co	Elijah and Thomas Dallett for	210	000		
		874 pounds of tallow,	122	41	1 1 1 1	
	1 States - M	Thomas Morgan for 17 gallons	2.6363	1-4		
		of neats foot oil,	25	50		
		Jonas Smith on account for	1 MAR	1		
		hauling wood,	60	00	1 1	
		Wages of workmen for October,	284	00		
228	Dec. 1	Wages of workmen for November,	265	00		
231	10	Samuel L. Howell, balance for				
		403 1/2 cords of wood,	20	82		
232	. 23	William Davis for chandlery,	130	18		
		Alexander Cook for 162 pounds				
	Lan a sur a la	of candles,	29	23		
		Samuel Wetherill and Son for		1		
		oil, whiting, &c.,	40	00		
		Rush and Muhlenberg for re-				
		pairs to engine and mate-				
		Tials,	91	75		
233	28	Estate of Jonas Smith, balance		and a l		
		for hauling 746 1/2 cords				
	China cherry	of wood,	113	95	1 Sugar	
	1 Colonical	Thomas Morgan for 32 1/2 gal-		-		
	March Street Parts	lons neats foot oil,	48	75		
	1	Wages of workmen for December,	266	125	20000	0=
	Republic part la c			-	16837	05

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QUARRYING.

37.0	2 02 0		Della	0	Dolls.	10
No. 194	1819. Feb. 1	Wages of workmen for January,	1	1. 1. 1.	DOTTRY	
195	March 1	1819, for repairing	95	75		
		tools from Sept'r 1, 1818, Wages of workmen for February,	27	14 75		
197	April 1	ditto ditto for March,	80	75		
202	May 31	Jonas Smith for cart clearing quarry in May,	- 22	50		Contraction of the Index
208	July 3 Aug. 2	Wages of workmen for June, - Thomas Mervine for repairing	55	25		
220	Sept. 30	tools,	5	42		
660	00000.00	gunpowder,	39	00		
		That have a second second second second			429	56
		an a				
1.5			11			
		1 - Weiter and the assessment of the	-			
		INCIDENTAL EXPENSES.			Contraction of the	
195	March 1	Robert Brooke for running line of Callowhill street in 1816,	4	00		
		Arabella Jones, 6 months' ground rent due Feb. 1,1819,	13	33		
		Richard Bache for advertising				-
ð.,		J. S. Lewis and J. Bacon for	3	25		
		storage of iron pipes, Martin Ludie, county and road	23	51		
	and the second second	tax of Fair Mount estate, for 1818,	32	56		
		Joshua Allen for sundries paid				Concession of the International Concession of the Internationa
196	20	for by him	53	50	Comment	
		mates, &c. for the New Works, John Read for services in draw-	80	00		
204	June 12	ing agreements, &c., Horace Binney, aiding in ex-	106	44		
		aminations of title deeds, -	30	00		
208	July 3	Joshua Allen for sundries paid for by him to July 3,	109	00		
211	Aug. 2	Frederick Graff for sundry bills paid by him,		81		
		Jacob Fricke and Co. for ad-				
	and and a	Robert Davison for making 57		67		dependence.
		Arabella Jones for six months'	7	60		
		ground rent due August 1, -	13	33		
			1		1	1

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			sour (rored halo	da no e 1	5		-
	1819.			Dolls.	c.	Dolls.	c.
216	Sept.	1	F.G. and R.S.Smith, for 1 1/2 piece of raven's duck,	16	50		
			Joshua Allen for sundries paid	10	00		
000		-	for by him,	68	00		
220		30	Robert Brookes, levelling from the Falls to Fair Nount, -	12	00		1
	a the set		Francis Mitchell, poor tax				and the second
	Sprage Radio		for Fair Mount estate for 1819,	26	40	Conservation of the second	
			Martin Ludie for county and	A0	-20	1	and the second
200	Nov.	-	road tax for ditto,	, 30	80		1.1
664	HOV.	1	J.H.Cunningham for printing permits, paper, &c.,	20	00		
225	The star	20	John Wallington, county and				
11. 11	1.2.11		poor tax for 1819 for work shops estate,	6	60		
228	Dec.	1	Joshua Allen for sundries paid		QU		
1.	Star Star		for by him,	35	00		
232	N. S. A.	23	Isaac Milnor for sundries John Binns for advertising	116	46		
			in 1819,	4	50		
			George Hyde and Son for sta- tionary,	9	82		
1.1	Nat Alle	(D)	Jacob Pricke and Co. for ad-				
12 32			Vertising in 1819, William H. Sanford for ditto,	4	50		
1			John Read for drawing agree-	-	66		
233			ments and services,	245	12	CT SAME	
600	line is	28	William M'Corkle and Son for advertising in 1819,	5	50	1	
			Samuel Relf for do. do.	7	33		1
	1 Section		William Duane for do. do. Zachariah Poulson for do.	13	67		
K. T. A.			Bache and Norvell for do.	8	00		
	1.064/36.4		the start in the second start			12202	= 2
						1163	53
			and the second second second second second		1.		1.00
and the second							
ale and	a da			and the second se			a line
	and a street		SALARIES.				
1. 1.			Distante DD 0.				
195	March	1	James Young, balance for six				
197	April	1	months' salary, due Jan. 1, Frederick Graff on accountof do	12	50 00		
208	July	3	James Young, six months' sal-	000	00	1	
			ary, due July 1. 1819	25	00	- 11-1	
	and the		Prederick Graff on account of salary,	500	00		
220	Sept.	30	ditto, ditto	500	00		
233	Dec.	28	ditto, balance for 1 year's salary, due December 31,1819,	500	00		
	1		a second s		D em 600		
						20,37	50

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DAM, LOCKS, &c.

	E				6		5
No.	1819	-		Dolla	n.	Dolls.	0.
	State - Contraction -		And in the second s	10772.	20.	20412 ·	0.
198	April	20	Ariel Cooley, on account for	1	100		1
1.14	the base of		building Dam, &c.,	1500	00		
199	May	3	Ditto, ditto,	918	00		Sec. 1
200	STE OFFICE	15	Ditto, ditto,	2582	00		
204	June	12	Ditto, ditto,	500	00		
			Lewis Wernwag, for model of				1
	a la		crib dam, plans, &c.,	100	00	1	
205	1.	3.02		A ANT AND		1210112011	
	7.2	17	Ariel Cooley, on account,	1500	00		
208	July	3	Ditto, ditto,	2000	00		1
209		21	Ditto, ditto,	4000	00		
212	Aug.	14	Ditto, ditto,	2000	00		
215	a la station	25	Ditto, ditto,	3000	00		100
216	Sept.	7	Ditto, ditto,	1,500	00	1	
219		21	Ditto, ditto,	1000	00		
220	L'AND STATE	30	Ditto, ditto,	1000	00		
221	Oct.	7		and the second se			
	UCu.	1111 m	Ditto, ditto,	2500	00		1 .
222		27	Ditto, ditto,	3000	00	1 () () () () () () () () () (
223	Nov.	1	Watson and Bunting for sundry		1		
			lumber,	77	71		
224		12	Ariel Cooley, on account,	1000	00	1	1000
225	1	20	Ditto, ditto,	5000	00	3	
226		26	Ditto, ditto,	3000	00	4	1 . The
229	Dec.	4	Ditto, ditto,	2000	00		1
231	1	10	Ditto, ditto,	2000	00		
232		23		1000	00		
			Ditto, ditto,			20	
233	1	28	J.S.Lewis, and J.Bacon, paid-for	17000	0.0		
	8		CONTRACT OF ROOMS WA	2 24	00.000 27		
			searches of deeds, &c.,	5	37	5	
			boarches of useus, ac.,			1	
			boarches of useus, ac.,	429 4225 \$105 \$100 \$100 \$100 \$100 \$		41183	08
			boarches of uccus, ac.,			41183	80
			boarches of uccus, ac.,			41183	08
			boarches of uccus, ac.,			41183	80
			Boarches of Locus, ac.,	0		41183	08
			Boarches of Locus, ac.,			41183	08
						41183	08
						41183	08
			IRON MAIN.			41183	08
			IRON MAIN.				08
							08
			IRON MAIN.				08
197	April	1	IRON MAIN.				08
197	April	1	IRON MAIN. Wages of workmen making pat-				08
	1.		IRON MAIN. Wages of workmen making pat- terns in March,				08
197 199	April May	1 3	IRON MAIN. Wages of workmen making pat- terns in March, Ditto building culverts, ditto,		00		08
	1.		IRON MAIN. Wages of workmen making pat- terns in March,				08
	1.		IRON MAIN. Wages of workmen making pat- terns in March,	 51 142	00		08
	1.		IRON MAIN. Wages of workmen making pat- terns in March,		00		08
	1.		IRON MAIN. Wages of workmen making pat- terns in March, Ditto building culverts,ditto, and sundries for April, Jonas Smith for hauling stone to culverts in Hunter st., Richard Smith for turning pat-	51 142 40	00 12 80		08
	1.		IRON MAIN. Wages of workmen making pat- terns in March, Ditto building culverts,ditto, and sundries for April, Jonas Smith for hauling stone to culverts in Hunter st., Richard Smith for turning pat- terns,	 51 142	00		08
	1.		IRON MAIN. Wages of workmen making pat- terns in March, Ditto building culverts,ditto, and sundries for April, Jonas Smith for hauling stone to culverts in Hunter st., Richard Smith for turning pat-	51 142 40	00 12 80 00		08
	1.		IRON MAIN. Wages of workmen making pat- terns in March, Ditto building culverts,ditto, and sundries for April, Jonas Smith for hauling stone to culverts in Hunter st., Richard Smith for turning pat- terns,	51 142 40	00 12 80		08
	1.		IRON MAIN. Wages of workmen making pat- terns in March, Ditto building culverts,ditto, and sundries for April, Jonas Smith for hauling stone to culverts in Hunter st., Richard Smith for turning pat- terns,	51 142 40 65	00 12 80 00		08
	1.		IRON MAIN. Wages of workmen making pat- terns in March, Ditto building culverts,ditto, and sundries for April, Jonas Smith for hauling stone to culverts in Hunter st., Richard Smith for turning pat- terns, George Rex for 37 bushels of lime for culverts, William Dougherty for 90 arch	51 142 40 65 14	00 12 80 00		08
	1.		IRON MAIN. Wages of workmen making pat- terns in March,	51 142 40 65	00 12 30 00 37		08
	1.		IRON MAIN. Wages of workmen making pat- terns in March,	51 142 40 65 14 45	00 12 80 00 37 00		08
	1.		IRON MAIN. Wages of workmen making pat- terns in March,	51 142 40 65 14	00 12 30 00 37		08
	1.		IRON MAIN. Wages of workmen making pat- terns in March,	51 142 40 65 14 45	00 12 80 00 37 00		08

539. (1819, page 14.)

3				6	1 1	
No.	1819.		Dolls.	C.	Dolls.	C.
202	May 31	Wages of workmen for May,	108	18		
		Jonas Smith on account for fil-	A STATES			
		ling up Hunter street,	500	00		1
203	June 7	Biddle Wharton and Brother			1	1.10
		for bills of exchange,	10897	79		
206	26	Samuel Richards on account for			1	3.4
		20 inch iron pipes, &c., -	4000	00		1
208	July 3		and the second second	36	1	
	ousy o		112	00	-	
14. 1		Jonas Smith on account for	500	00		
010		filling up Hunter street, -	500	00	-	
210	24		0000	00	1 . 1 × 1 × 1	Sec.
0.9.4		iron pipes,	5090	00	1	
211	Aug. 2				and and a	1 4 .
144	Marine Carlos	patterns,	19	75	A street and	1
1 1 1 1	A CONTRACTOR	Richard Newsham for making				1.2.1
		patterns,	60	00		
1.1		Jonas Smith for hauling iron				1.
		pipes,	76	17		
and a		Frederick Graff, for sundries			1	
1.1	A TOAL KASTLE	paid for by him,	62	83		
1.		Jonas Smith for filling up	1	1	1.	
1		Hunter and John streets, -	450	00		
		Wages of workmen for July, -	190	03	1	
		J. S. Lewis and J. Bacon for			No.	
		freight and charges on iron				
		pipes,	- 374	57		
214	21	Samuel Richards on account for		1		
norde vi		iron pipes,	4500	00	1	
216	Sept. 1	Wages of workmen for August,	2000	00	-	
MAU	lashe. T	fitting stop cocks, &c.,	196	25		1.00
	1 million and the		100	00	A GAL	1.0
		Stephen Simmons for lumber for	c0	88		1.
		patterns,	62	00		
		Hugh Colhoun for 9 days' wharf-		00	1.1	
	K- Charles	age of iron pipes,	18	00	1	
		Richard Newsham for making	20	00	1 1 1 1	1
	1461 10 80.02	cock patterns, &c.,	70	100	1	
		Jonas Smith for hauling iron		00	a stand	
000		pipes,	74	00	1.	
220	30	Charles Green for brass cast-	0.0	00	1	
	1 Active States	ings for stop cocks,	93	00		
	And the second	J. S. Lewis and J. Bacon on				
		account for freight, duties,	-	00	1	
	A Constant	&c. for iron pipes,	500	00	1	
		Wages of workmen for September,		1	1	
-		fitting up work, &c.,	214	00		
221	Oct. 7	Samuel Richards on account for				
	A desire and	iron pipes,	6300	00		
223	Nov. 1	Watson and Bunting for Lumber				
	A STATE AND	for bridges and blocking,	12	45		
	A Charles In	Hugh Colhoun for wharfage of	1.1.1			
		iron pipes,	7	00		
		John M'Cauley for 4 C. 3 gr	1 1 2 1 1			
		11 1b. of pig lead, at \$7 50	36	30		
		Paul Beck for 2 reels of spun		1		
		yarn and 31 C. 2 qr. 23 1b.				
	1	of lead,	426	16	1	
			1			

540. (1819, page 15.)

V					1	
No.	1819.		Dolls.	C.	Dolls.	C.
223	Nov. 1	Sprogal Dear for 40 pick han-				
		dles,	10	00		
		Philip Horn for 12 picks,	30	00		
		T. and R. Sparks for 21 C. O				
		gr. 4 lb. of pig lead, at				
		\$8	168	28		`
		Jonas Smith for hauling pipes				r .
		in September and October, -	124	00		
		Wages of men laying pipes and	ally 10.5 "35	100		*
			368	40		
005	00	digging trenches for Oct.,	200			
225	20	Frederick Graff for sundry	00	10		
		bills paid by him,	82	18		
1.1	Contract State	T. and R. Sparks for 18 C.	1.1.1			
1.21		1 qr. 24 1b. of pig lead		1		
		at \$8,	-147	71		
		Alexander Purviss for 12 yards		1		
		ofcoarse cloth,	1,5	00		
	1 1 1 1 1 1 1	William Somerville for 390			1	
		pounds of iron castings, -	25	35		
227	26	Samuel Richards on account				
		for iron pipes,	4000	00		
228	Dec. 1	F.G. and R.S. Smith for 95 C.	1. 1. 1.			
		1 qr. 3 1b. of pig lead at				
		\$7 25,	690-	76	-	
		Edward W. Carr, 5 screws and		Carlos Carlos	And a second	
		brass nuts for stop cocks,	100	00	and a second	
		Paul Beck for 43 C. 3 gr. 17				
	1	1b. of pig lead, at \$7 50,	329	25		
		Wages of workmen for November,	514	46	-	
230	6	Samuel Richards on account for		1		
10.00		iron pipes,	4500	00	1	
231	10	Jonas Smith's estate for haul-	2000	100	1 1	
ROT	10	ing iron pipes in November,	138	00		
020	20	Paul Beck for 10 C. 1 qr. 21	400	100		-
232	23		78	27		
		1b. of pig lead,	. 70	AI		
		William Flintham for six days'	0	00		
		wharfage of iron pipes,	9	00	-	
		C. Wesner for oil of vitriol,	4	41	1	
		William Davis for ropes,	-	00	-	
		handspikes, &c.,	32	80	1 1	
		Henry Bell for lumber for	1			
		blockings, &c.,	58	67		
		William Lehman for four car-				
		boys of vitriol,	25	44	-	
		Michael Williamson for sundry				
		iron,	30	42		
		E. and T. Dallett for 221			1	
		pounds of tallow,	32	53		
233	28	William Dilworth for spades,				
		shovels, &c.,	25	54	1	
		Jacob Edenborn's estate for				
		leather for proving pipes,	41	48	1	
		J.S.Lewis and J.Bacon for du-				
		ties, freight, &c., paid for	1		1	
		iron pipes,	3356	55	1	
		Frederick Graff, for sundry				
		bills paid by him,	51	17		
		Wages of workmen for December,	216	76	1	
	1	I work of the second of the second of	Parties concernsor and the part	dina provide	51016	44
					0000	

541. (1819, page 16?)

ABSTRACT OF PAYMENTS

MADE BY THE

WATERING COMMITTEE

From Dec'r. 31, 1818, to Dec'r. 31, 1819.

Distribution Ingines, Quarrying, - Incidental En Balaries, - Dam, Locks, - Iron Main, -	cpenser			Dolls. 6396 16837 429 1163 - 2037 - 41183 - 51016	C. 52 55 55 55 50 08 44
		and the second		119063	68

No. 2.

SUMS PAID INTO THE TREASURY

BY THE SUPERINTENDENT,

From Dec'r. 31, 1818, to Dec'r. 31, 1819.

1819.			Dolls.	C.
April	1	To John Bacon, Treasurer,	526	12
July	8	To ditto, ditto,	182	39
Sept.	7	To ditto, ditto,	252	67
Dec'r.		To ditto, ditto,	264	60
		To ditto, amount overdrawn in favour of		
		Jonas Smith, for filling up		
	14.24	Hunter street, and refunded,	360	40
	31	To ditto, overdrawn in account of J. S.		
		Lewis and J. Bacon, for du-		1.5.17
	1. 13	ties, &c. paid at the Custom		
	12	House for iron pipes, &c.,		
		and refunded,	108	80
			1694	98

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542. (1819, page 17.

No. 3.

STATEMENT OF PIPE,

USED IN THE DISTRIBUTION,

From Dec'r. 31, 1818, to Dec'r. 31, 1819.

	Record Contractory and Contractory	
Watson's Alley, from Locust street southward, Cherry street, west of Tenth street,	Feet. 379 120 50	Feet.
Repairs in streets, and for fire plugs,		569 947 1516
Timber in the pond, December 31, 1818,	3116	ner die ein ein un die versigenaanse die ein die

Logs laid as per statement, and in repairs, - - . Leaves in the pond, December 31, 1819, - - - -

No. 4.

ESTIMATES

FOR THE YEAR 1820.

or the working of engines and materials, 1600 cords of wood, cording, hauling,	Dolls. 3900	4 -	Dolls.	с.
	10000 350		14250	00
or 2000 feet of pipe timber, boring, hauling, and laying, at 60 cts.,	1200 800 400 4500 400 2050 150	00 00 00 00 00	14250 9500	00
			23750	00

FREDERICK GRAFF,

Superintendent of Water Works.

516

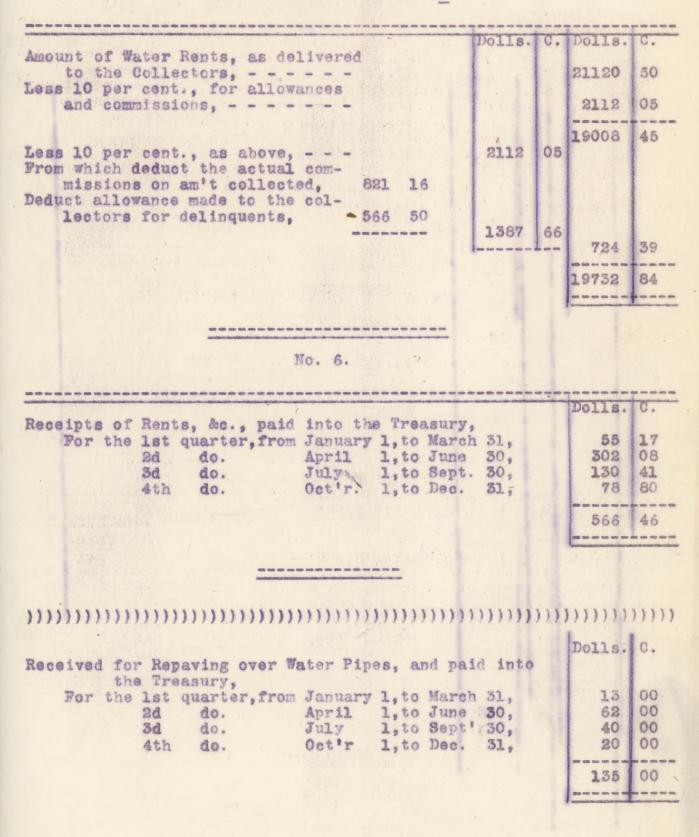
543. (1819, page 18.)

No. 5.

STATEMENT

of the

ACCOUNTS OF THE WATER RENTS.



544.	(1819,	page	19.)
No. 7.			
LIST			
of			age 19.)

DWELLINGS, MANUPACTORIES, AND INSTITUTIONS,

Supplied with the Schuylkill Water, to the 31st December, 1819.

		Rates.		Totals	
and the	14. 自動が開始についたという。 シーム・アンド語語を作っていた。 アンド語を、アクト・ハイト・	Dolls.		Dolls.	
26	Houses in courts,	at 2	00	54	00
2	Back dwellings,	2	50	5	00
3330	Dwellings, schools, private stables, &c.	5		16650	00
2	Ditto,	6	50	13	00
1	Bake house,	7	00	7	00
76	Dwellings, north side of Vine, and			C. Berner	1. 1. 1. 1. 1. 1.
	south side of Cedar street,	7	50	570	00
10	Printing offices, hatters, and hydrants				2.2
	in courts,	8	00	80	00
2	Vinegar yard and hydrant pump,	9	00	18	00
58	Inns, stables, banks, &c.,	10	00	580	00
5	Malt house and soap factories,	12	00	60	00
11	Hatters,	13	00	143	00
45	Paper factories, distilleries, soap				
	factories, &c.,	15	00	675	00
2	Hydrants in courts,	16	00	32	00
18	Distilleries, sugar houses, court,				
	soap factories,	20	00	360	00
1	Hydrant pump in a court,	22	00	22	00
2	Stables,	24	00	48	00
14	Sugar houses, distilleries, hatters,				
4.4	ipns, &c.,	25	00	- 350	00
1	Paper factory,	28	00	28	00
9	Dyers, gaol, bath, sdap factory, &c.,	30	00	270	00
1	Brewery,	34	00	34	00
5	Tanyard, stable, morocco factory,	35	00		00
1.44	Dupravian stables herecould tackety,	40	00		00
6	Breweries, stables, &c.,	44	00	88	00
2	Breveries,	50	00		00
6	Hospital, distilleries, Breweries, &c.	80	00		00
1	Bath house,	100	00	100	00
1	Alms house,	100	00	100	00
000 mm ann ann		Cherry Cherry		20982	00
3637	7 Dath Wine street	are and a second	00	20502	50
	1 Bath, Vine street,	a second second			and the
	284 Baths,	3	00		00
	160 Horses,	1	00		00
			1		
				21998	50
				10 4 0 0 0 0 C	00

545. (1819, page 20.)

100 000 000 600 000 000 000 000 000 000			-
	and the second the second manual that is a second the is a second	Polls.	c.
Upper Delaware	Ward,	1298	00
North Mulberry	ditto,	1170	50
Lower Delaware	ditto,	1370	00
South Mulberry	ditto,	1472	00
High Street	ditto,	1247	00
North	ditto,	2707	00
Chesnut	ditto,	1299	00
Middle	ditto,	1766	00
Walnut	ditto,	1013	,50
South	ditto,	1826	50
Dock	ditto,	1149	00
Locuat	ditto,	2202	00
New Market	ditto,	1569	50
Cedar	ditto,	1908	50
a straight marked	in the second	21998	50
		anothing interview with the	and the second

Amount of Duplicates of Water Rents, for 1820.

Philadelphia, December 31, 1819.

JOSHUA ALLEN,

City Clerk.

546. (1819, page 21.)

THE Watering Committee respectfully state to Councils, --

That from the difficulties under which they at present labour, as well as from the experience of several years past, they are deliberately led to the conclusion, that an improved system, for the better management of the affairs connected with their appointment, has become absolutely necessary; more particularly so, when taken in connexion with the present and probable future increase of those important duties. The Committee are not disposed to question the correctness of the views of Councils, when they combined the duties of the Clerk of the City Commissioners with those of the Clerk of the Watering Committee. It might have been proper at the period when it was so ordained, as the duties of the office then, were comparatively trivial with the duties of the same office at the present day. But as this arrangement of business is now the principal difficulty in the view of the Committee, who are fully convinced, that the proper amanagement of the office would require the whole time and talents of a respectable Clerk, they believe that the establishement of a separate office, in a central situation, (to be kept open at all proper seasons,) is equally required by the convenience of the citizens and the good of the Corporation. They suggest the following reasons for the consideration of Councils, in favour of this measure.

In the first place, the continued and multifarious engagements of the City Clerk, necessarily prevent his attention to the very important concerns of the Committee, to the extent required by them, and as this inability has been equally applicable for many years past, it has induced much dereliction, and neglect of essential concerns, and from which cause a want of precision and exactness in

547. (1819, page 22.)

the details of the office and its records is too frequently discoverable. The Committee have reason to believe that the City sustains a serious loss of revenue in consequence of individuals using the water who are not legally entitled to the privilege, or who use it for purposes, or in much greater quantities, than is authorized or intended by their permits, arising in many instances from our own defective or improper records; and on the other hand; individuals are sometimes found to be charged with water rents that have been discharged legally; which defects, under the present system, are found to be very difficult of correction. The importance of the measure will appear more obvious, when it is recollected, that the Water Rents last year amounted to 22,000 dollars, a sum nearly equal to the whole City Rental; that by the corrections required they may probably not fall much short of 24,000 dollars.

The appointment of a Clerk by the Committee, would give tham an uncontrouled direction of his employment at all times, and a stronger interest and responsibility in his management of their concerns, and would subject him to the immediate and more frequent inspection of the members of the Committee. By existing regulations, the City Clerk has the privilege of issuing permits for the use of the water, without consulting the members of the Committee; he is presumed to record this privilege, to make the applicant liable for future time; but without intending in the slightest degree to impeach the integrity of the officers in question, common prudence seems to dictate a different mode of conduct as necessary, under a more direct inspection and sanction of the Committee. Many reasons seem to require that a separate office should be created at this time, and kept open at all proper seasons, for the convenience of the citizens, and the more prompt despatch of business, as

548. (1819, page 23.)

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well as for the reception of the records and papers, which are at present in much confusion, and intermixed with those proper to the office of the City Commissioners. Many of them indeed are now necessarily kept by the Chairman of the Committee, in his private desk, instead of being found a regular record of the office. An attempt was recently made by a sub-committee of our body, in conjunction with the City Clerk, to arrange and systematize the samep but so much difficulty presented, and so continually engaged was this officer in his other proper duties, that the undertaking was given up; as they found it would, for a great length of time, require their undivided attention, or that of an experienced clerk.

As a sound reason, too, for establishing an office in the way proposed, it would offer to members of Councils the means of acquainting themselves with the principles and details of this important concern.

In order, therefore, gradually to mature a better system in the detail of the concerns of the Watering Committee, they offer for the consideration of Councils the annexed bill and resolution.

By order of the Watering Committee.

JOSEPH S. LEWIS, Chairman.

December 19, 1820.

549. (1819, page 24.)

AN ORDINANCE, repealing certain parts of "An Ordinance establishing an Office of City Clerk, and for other purposes."

1

1 SECTION 1. Be it ordained and enacted by the citizens of 2 Philadelphia in Select and Common Councils assembled, That so 3 much of an Ordinance passed on the 28th day of June, 1811, as directs the duties of Clerk of the Watering Committee to be 4 5 performed by the City Clerk, and in the Office of the City Clerk, as well as any part or parts of any other Ordinance, 6 connecting the duties of Clerk of the Watering Committee with 7 the office of City Clerk, be, and the same is hereby repealed. 8

1 SECTION 2. And be it further ordained and enacted by the authority aforesaid, That so much of the fourth section of 2 said Ordinance, or of any other Ordinance, as prescribes the 3 meetings of the Watering Committee to be held in the office of 4 the City Clerk, and directs the deposit in said Office of all 5 the papers and records appertaining to the Watering Committee, 6 and for the safe keeping of which the City Clerk is at present 7 held responsible, be, and the same is hereby repealed. 8

1 SECTION 3. And be it further ordained and enacted by the 2 authority aforesaid, That so much of the fifth section of said 3 Ordinance, or of any other Ordinance, as authorizes or directs 4 any perquisite or payment to the City Clerk, for the perform-5 ance of any act or thing connected with the duties of the Water-6 ing Committee, be, and the same is hereby repealed.

.550. (1819, page 25.)

1 SECTION 4. And be it further ordained and enacted by the 2 authority aforesaid. That so much of the sixth section of 3 said Ordinance, or of any other Ordinance, as precludes the 4 Watering Committee from making the appointment of a Clerk or 5 Clerks, for the proper management of the affairs entrusted to 6 them, be, and the same is hereby repealed.

RESOLVED, by the Select and Common Councils, that the Watering Committee be authorized to occupy the room on the second floor of the City Hall, at present in the tenure of the Comptrollers of the Public Schools.