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REPORT

OF THE

WATERING COMMITTEE

TO THE

SELECT & COMMON COUNCILS,

November 13th, 1807.

Published by order of Councils.

Philadelphia:

PRINTED BY JANE AITKEN, No. 62,

NORTH THIRD STREET.

1807.

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Nov 13, 1807

WATERING COMMITTEE,

APPOINTED TO SUPERINTEND

THE WATER WORKS.



1806

AGREEABLY to the Report of the 4th of November last, respecting the improvements, repairs to the Engines, Engine houses, and other works ordered to be performed; your Committee beg leave to recapitulate such parts, as have been executed, and those which remain to be finished; also, on the present state of the Engines, their necessary repairs and alterations, during the next year, with the estimate of the funds, required to be appropriated for that purpose.

A The heaters of wrought iron have been fixed to the new Boiler, at the Centre Square, this improvement has not produced the desired effect; connected as they are with the cast iron plates, they contract unequally from the action of the fire, and occasion leaks, this however cannot be avoided, but may be remedied, when a new Boiler shall be required.

Of the 5500 feet of logs, which have been contracted for, 4763 feet have been delivered; the Boring mill has been erected and is in operation, a roof however is wanting to complete it, it is contemplated to cover it with a part of the lower Engine house roof, when taken down, until which time, a temporary covering has been put on, to secure it from the inclemency of the weather.

Contracts have been entered into with Adam Traquair and Co. for the covering of the lower Engine house with slate, agreeably to the order of Councils, that this part of the work has not yet been executed, is owing to the slate not having been received from the quarries.

Upon a more minute examination of the inside of the Centre Square Engine house, it has been resolved to erect but two reservoirs, instead of three, the contracted space of the building will not admit a greater number, without intercepting the light, which is necessary in so complicated a machinery; the cedar plank necessary for both is purchased, and will be prepared by the time the present reservoir requires replacing.

All the sheds and enclosures on the south east corner of Centre Square, have been sold, except some of the boards, with which a temporary enclosure, for the storing of the coal, on the south west corner of the said Square, has been made; the cellars of the house being insufficient to contain 5000 bushels; exposed as the coal is at present, the building of a more capacious vault will be necessary, when that part of the city shall be improved; one of the sheds has been also retained, for the preparing of the cedar plank for the reservoirs, as no other contiguous,

convenient place could be had. The forges and utensils have been removed to the lower Engine; and a forge has been erected, for local and immediate purposes, in the south east cellar of the Centre house, and the room above it is occupied as a foundry for melting and working of copper.

A contract has been entered into with Jeremiah Buck, of West Jersey, for one thousand cords of wood, at the rate of 437 1-2 cents per cord, delivered at the public wharf on Schuylkill; upwards of seven hundred cords have been landed, the remainder is expected before the winter sets in, the advanced price of this article, will cause a deficiency in the appropriation, of about 400 dollars.

The article of coal has also risen in price, and will exceed the estimate by about 120 dollars.

The removal of the Boiler in the lower Engine house, has not yet been effected, in consequence of a disappointment in the receipt of the iron contracted for, part of it has at length been obtained, and as the foundation of the Boiler is built, it is contemplated that it will be in use by next spring.

The new covering of the Centre Engine roof with copper, has been completed, and proves perfectly tight, the expence of which, with the repairs of the roof round the parapet wall, and lightning rod fixed to the house, have not, on account of the diminution of the price of copper, in the estimate, quite absorbed the sum appropriated by the Resolution of Councils of the 8th of January last.

Both iron shafts have been cast, conformably to the Resolution of Councils of the 9th of July last; and the shaft to the fly wheel of the lower Engine has been inserted in place of the wooden one, which was intirely rotten; and while this work was performing, the new leaver beam at the Centre Square Engine has been fixed, and other necessary repairs attended to; the other shaft for the fly wheel at Centre Square, is prepared, and ready for the moment it may be wanted; on examining the state of the works, it was discovered that the timbers supporting the wheel, are insufficient in strength, for so considerable a weight, and the wheel itself not sufficiently weighty to steady the engine; the reason that its diameter has not been more particularly noticed, in the first instance, is obvious, the contracted space of the engine room, could not admit of a larger one, and to preserve its required proportion, two tons, or more weight of lead, has been added to its circumference, on viewing the inside of that structure, by cutting through the south wall enclosing the Engine, a fly wheel of twenty feet diameter, will be practicable, without infringing or hindering any of the other parts of the Engine or Boilers; and as new timbers to support the additional weight of an iron shaft, the beams being on hand, your Committee would recommend a new cast iron rim, and fixtures for a wheel, of the foregoing diameter to be prepared, the cost of which will not exceed 1000 dollars.

The logs and pipe on hand are about 3900 feet, if no unusual improvements take place, that quantity will answer for the replacing of the pipe during this and the next year.

Sundry Duplicates of the principal parts and fixtures most liable to give away or otherwise becoming useless by friction, have been prepared during the last year, among which are in

particular, a Piston Rod the dimensions of which are 4 inches in diameter and 10 feet in length, has been made at the shop at the Centre Square for that Engine, the workmanship of this piece of Iron could not, in the opinion of your Committee, been better executed in any Country, also a Pump Rod of wrought Iron for the same Engine has been forged, which with the Piston Rod, will no doubt prove more durable than those now in use, as the greatest care and attention has been bestowed on these essential parts of the Engine by the Smith attached to the works. There has also been prepared duplicates of the upper and lower connections of Cast Iron for the Pump rods and fly wheels, Cranks, Pistons, Valves, Straps and Bolts which are liable to be broken are ready for replacing when required.

Duplicates for the Water Rents to the 30th June last inclusive have been delivered to the Collectors of the City Tax, and Bonds taken from each of them for the amount, the aggregate is

	\$ 8822 01
of which have been paid into the Treasury on the 1st of October last	4859 28
leave a balance still uncollected of	3962 73

Of that sum a great proportion will be lost, owing to Deaths, Insolvencies, and various other causes, as until 1806, no system had been devised for the issuing of the Permits, obliging the applicants for the introduction of the Water into their houses (if under Water Rights) to exhibit the Certificate; nor for the collection of the Rents. These defects could not but create confusion and mistatements, from the very commencement of the letting out of the water, at every new organization of the Watering Committee new members entering the Board who were unacquainted with the various duties attached to the office, and who, during the short period for which they were appointed, had it not in their power to remedy the evil. The distributing Committee being individually charged with the issuing permits of which no reports had ever been made, and some of the checks kept in a confused manner, were handed to their successors who followed the same practice, the unravelling of them became difficult and protracted as some of the checks did not either mention the dates, the exact place where the water was to be taken, for whose account, or if under Water right on which of the Loans and the number of the Certificate to which the Water right is attached, some of which have been afterwards disposed of without reserve or the Right expired, these Certificates may be used again where the distribution has not been carried, and as no Register or Memorandum book was kept by the late officer superintending the Water Works, of the dates and years of the laying of the pipes in each of the Streets, this defect and the aforementioned irregularities have caused a great confusion between Rights and Rents, of course to ascertain with any degree of correctness the amount of the Water Rents.

During the last four quarters ending on the first of October last 163 Permits for the introduction of the Schuylkill water into dwellings and Manufactories have been issued; 120 of which on Rent and 43 on Water rights, the Rents received in advance to each period of the

first of July last and to 1808 have been paid quarterly into the Treasury by the Secretary of the Watering Committee amount to \$ 339 38

And Rents due by sundries by agreement and not included in the Collectors Duplicates of the last year to 72 46

together 411 84

In conformity with the Resolutions of Councils of the 11th of June last, directing your Committee to charge their Secretary with the recovery in advance, the expences, for paving over water pipe in the paved parts of the streets, before the permit is issued for the introduction of the water into dwellings, and to render a duplicate account of the same quarterly, into the City Treasury, one of which being receipted to be reported to your Committee and filed by their Chairman, has been complied with and is as follows:

Amount paid into the Treasury to the 30th of June, \$ 10

And from the first of July last to the 30th of September, 55

These two sums are placed by the City Treasurer, to the credit of contingent monies of the Corporation.

The duties of the Secretary of your Committee having considerably increased, they have judged it proper to augment his Salary from 400 to 500 dollars per annum.

The number of Houses and Manufactories supplied with Schuylkill water amounted on the first of October last to 1081 of which 380 are under Water Rights. The balance of the Monies in the Treasury and at the disposal of the Watering Committee on the 12th of October last, amounted to \$ 9170 25

And by the Resolution of Councils of the 9th of July last directing the expence for the new shafts of the fly wheels of both Engines to be defrayed by the contingent monies of this years appropriation, the estimate of which amounted to 1150

10320 25

This sum is to cover the expenditures of the following and to the 1st of January 1808, viz. Amount of debts due to sundry persons, 1611 47

For 250 Cords of wood, to compleat the stock of fuel for the lower Engine, hauling and measuring, 1291 97

For 3800 bushels of Coal to compleat the stock of Centre Square Engine, hauling and measuring at 35 cents per bushel, 1330

Compleating the Western Boiler of the lower Engine, 1842 39

New roofing the lower Engine with slate, 1143 63

Finishing the Boring Mill and Pond 177 61

Fixing the Iron shaft of the Centre Engine fly wheel, 488

Erecting and placing the new reservoirs, 2038

Wages to Engine men, Workmen; Labourers at distribution, Boring of pipe and keeping of horses, 2000

Materials for incidental repairs 100

12023 07

Amount to the credit of the Committee, 10320 25

deficiency \$ 1702 82

The orders for money, drawn as per Schedule No. 1, have been examined by your Committee, upon the vouchers and receipts, and found correct. The statement of the accounts, which immediately follow, being the abstract of said orders, charged to the different heads for which the expenditures have been made, are exhibited in No. 2 and 3, together with the list, No. 4, of the debts due on account of the works, amounting to \$ 1611 47, the expenditures of this year, and the list of debts owing to the works, No. 5, \$ 995 50; subjoined to this statement, No. 6, shewing the actual cost of the works to the 12th of October, 1807, amounting to \$ 434,415 95.

Your Committee beg leave to add, what appropriations to carry on the works for 1808, will be required.—

Balance of the repairs &c. of last year.	\$	1702	82
Fixing a new fly wheel of 20 feet diameter at the Centre Engine.		1000	
For repairs of pumps, fire plugs, &c. through the City, with materials.		1000	
For laying 3900 feet of pipe, boring and bands.		2301	
Wages to Engine men, and repairs of Engines.		3500	
Salaries of the Superintendent, Secretary and Messenger.		1525	
Fuel for the Centre Engine, 17000 bushels coal, hauling and measuring at 33 1-3 cts.		5666	66
ditto Lower Engine, 1000 cords wood, hauling and measuring at 492 cents.		4930	
Contingencies.		840	
	\$	22465	48

From which deduct the following			
Balance to be collected of the Water Rents to the 1st July, 1807.	\$	3962	73
On which 50 per cent for bad debts, claims of Water Rights and the commissions is deducted.		1981	37
		<u>1981</u>	36
Amount of duplicates of Water Rents to July 1st, 1808.		4987	17
From which deduct 10 per cent allowance and commissions		498	71
leaves		<u>4488</u>	46
And the amount of out-standing debts owing to the Works:		995	50
From which is to be deducted, occasioned by insolvencies and demands against the debt.		511	12
		<u>484</u>	38
		<u>6954</u>	20

Sum required to carry on the Works, to 31st December, 1808. \$ 15511 28

JAMES VANUXEM, *Chairman.*

Philadelphia. 6th November, 1807.

NO. 1.

LIST OF CERTIFICATES

Or Orders for Money drawn by the

WATERING COMMITTEE,

From Octr. 14th, 1806, to Octr. 12th, 1807, inclusive.

No.	Dates.		Doll.	ct.
720	1806, Novr. 3	In favour of Frederick Graff, Clerk of the Water Works.	879	7
721		ditto	261	99
722	20	ditto	76	46
723		ditto	282	12
724	December 2	ditto	274	9
725		ditto	315	30
726		ditto	121	73
727		ditto	1560	72
728	1807. Jan. 2	ditto	681	2
729		ditto	367	65
730		ditto	635	57
731	February 3	ditto	675	43
732		ditto	157	88
733		ditto	681	2
734		ditto	188	96
735	March 3	ditto	578	71
736		ditto	476	
737	April 3	ditto	602	88
738	May 1	ditto	599	29
739		ditto	559	48
740		ditto	500	
741	15	ditto	833	34
742	19	ditto	500	
743	June 2	ditto	667	97
744		ditto	330	9
745	22	ditto	798	29
746	July 2	ditto	744	58
747		ditto	712	17
748		ditto	134	64
749	8	ditto	756	25
750	14	ditto	541	30
751	31	ditto	1211	10
752	August 3	ditto	680	62
753	15	ditto	959	64
754	21	ditto	1000	
755	September 1	ditto	570	29
756		ditto	383	26
757	21	ditto	704	67
758		ditto	1666	
759	October 2	ditto	579	12
760	3	ditto	1258	9
761		ditto	658	14

From the foregoing Orders, as follows:

OLD DEBTS.

No.	1806.			Dolls.	ct.
721	Nov. 4	Elisha Clark in full for Spirits	-	261	99
727	Dec. 2	Mark Richards do. for Iron	-	508	28
		Samuel & Thomas Richards do. Iron Castings	-	953	02
730	1807. Jan. 19	Peter Brady's Estate in full for Marble work	-	122	51
		Samuel Wetherill & Son do. Paints, Oil &c.	-	138	76
		William Davis and Co. do. Chandlery	-	125	02
		Mackie and Graff do. Candles	-	34	25
		Ludlam and Voight do. Plumbers work	-	215	03
736	March 3	Frederick Graff, Salary do. Salary	-	476	
744	June 2	Richard Penn's Estate do. rent of Log pond	-	70	
756	September 1	Thomas Conarroe do. Cedar plank	-	111	
		Zachariah Poulson do. Advertising	-	4	33
		Samuel Relf do. do.	-	4	33
Amount carried forward,				\$ 3024	52

DISTRIBUTION.

720	1806. Nov. 4	Monthly wages for October, carpenters	75	36	
		smiths ditto	103	08	
		Men at distribution	149	29	
724					327 73
725	Dec. 2	Monthly wages for November, carpenters	116	74	
726		smiths ditto	114	93	
		Men at distribution	143		
					374 67
727		Frederick Graff in full bills paid by him	-	-	99 42
728	1807. Jan. 2	Monthly wages for December, carpenters	120	39	
		smiths ditto	129	58	
		Men at distribution	126	75	
					376 72
729	19	Blair and Workman in full Lumber	-	-	60 08
		John Poultney ditto Ironmongery	-	-	39 66
731	Feb. 3	Monthly wages for January, carpenters	119	13	
		smiths ditto	209	03	
		Men at distribution	134	17	
					462 33
732		Israel and Nathan Roberts in full for Copper balls	-	-	114 75
733		Frederick Graff in full bills paid by him to Feb. 1st 1807	-	-	56 69
		Peter Armbruster in full for horse feed	-	-	12 07
735	March 3	Monthly wages for February, carpenters	91	60	
		smiths ditto	169	72	
		Men at distribution	106	89	
					368 21
737	April 3	Monthly wages for March, carpenters	57	43	
		smiths ditto	183	02	
		Men at distribution	110	83	
					351 28
738	May 1	Monthly wages for April, carpenters	63	60	
		smiths ditto	141	34	
		Men at distribution	124	72	
					329 66
Amount carried forward,				\$ 2973	27

No.	1807.		Doll.	ct.
		Amount brought forward	2973	27
739	May 1	Joseph Pierson in full for hay and straw	109	74
		John Poultney ditto Ironmongery to April 25 1807	56	78
		Thomas Conarroe on account of pipe timber	100	
		Abraham Jones in full oak scantling	16	
		Frederick Graff in full bills paid by him to May 1st 1807	77	69
742	19	Thomas Conarroe on account of pipe timber	500	
743	June 2	Monthly wages for May, carpenters	28	69
		smiths ditto	10	
		Men at distribution	230	21
			268	90
744		Thomas Conarroe in full for 4763 feet of pipe timber &c.	229	09
746	July 2	Monthly wages for June	257	05
747		Peter Armbruster in full for horse feed	13	
748		Frederick Graff bills paid by him in full to July 1st	71	34
751	31	Henry Bell in full for lumber	40	28
		Thomas Mayberry ditto for Iron	19	93
752	August 3	Monthly wages for July	217	38
753	15	Joseph Pierson in full for hay	38	
		Mark Richards ditto for Iron	50	
		Frederick Graff in full for 91 Cedar logs	91	20
755	Sept. 1	Monthly wages for August	236	62
756		Shields and Powell in full for lumber	12	08
		William Weir ditto for Spirits &c.	117	
757	21	Samuel Wetherill and Son ditto for Paints, Oil, &c.	21	82
		Jones and Howell ditto for hoop iron	27	94
		George and William Ashbridge in full for ditto	87	66
758		Samuel and Thomas Richards ditto for iron castings	161	59
759	October 2	Monthly wages for September	219	44
760		John Poultney in full for Ironmongery	43	30
761		Godfrey Gebler in full for shoeing horses &c.	35	31
		Ludlam and Voight ditto for lead work	133	60
		Frederick Graff ditto bills paid by him to Oct. 1st 1807	166	84
			6392	80

CAST IRON BOILER, *Centre Square.*

No.	1806		Doll.	ct.
724	Dec. 2	Monthly wages making heaters for the Boiler	73	75
725				
726	1807			
728	Jan. 2	ditto ditto	68	95
732	Feb. 3	R. and A. Dawes on account of iron plates	43	13
733		ditto in full ditto	56	41
			242	24

INCIDENTAL EXPENCES.

No.	1807.		Doll.	ct.
739	May 1	Joseph Ker in full granting permits &c.	50	
		Frederick Graff ditto bills paid by him to May 1st 1807	10	75
748	July 2	ditto ditto ditto July 1st	4	33
			65	08

SALARIES.

283

Amount brought forward, \$ 9724 64

No.	1807-		Doll.	ct.
729	Jan'y. 19	Joseph Ker on account of salary	100	00
739	May 1	ditto ditto	100	
740		Frederick Graff his salary in full to April 1st, 1807	500	
749	July 8	Joseph Ker on account of his salary	100	
751	31	John Rafield his salary in full to July 1st, 1807	25	

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BORING MILL.

No.	1807.		Doll.	ct.
738	May 1	Monthly wages for April	20	88
739		Abraham Jones for oak scantling in full	35	30
743	June 2	Monthly wages for May	51	74
748		Frederick Graff, in full bills paid by him to July 1st	7	
751	31	Henry Bell, in full for lumber	65	91
752	August 3	Monthly wages for July	18	
755	Sept. 1	Men at ditto for August	21	55
757	21	Jonathan Evans in full for lumber	2	68
758		Samuel and Thomas Richards in full for castings	30	28
759	October. 2	Monthly wages for September	79	60
760		John Poultney in full for ironmongery	8	

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LOWER ENGINE.

No.	1806.		Doll.	ct.
720	Novr. 4	Monthly wages for October	85	24
724	} Decr. 2	ditto November	90	10
725				
726	1807.			
728	January 2	ditto December	85	24
731	Feb'y. 3	ditto January	85	24
733		Frederick Graff, in full bills paid by him to Feb'y. 1, 1807.	5	50
		Jacob Lex ditto for tallow	59	67
735	March 3	Monthly wages for February	77	
737	April 3	ditto for March &c.	104	49
738	May 1	ditto for April	82	50
743	June 2	ditto &c. for May	82	50
744		David Perkenpine in full for 15 1-2 gallons neat foot oil	15	50
746	July 2	Monthly wages for June &c.	137	99
749	8	Jeremiah Buck on account of 1000 cords wood at \$ 4 37 1-2	656	25
751	11	Thomas Mayberry in full for iron	31	41
		James Mooney on account for hauling 1000 cords wood	100	
752	August 3	Monthly wages for July	85	24
753	15	Jeremiah Buck on account of 1000 cords wood	700	
		Mark Richards in full for iron	50	44
754	21	Jeremiah Buck on account of 1000 cords wood	1000	
755	Sept. 1	Monthly wages &c. for August	117	24
756		Peter Lex in full for tallow.	51	60
757	21	Samuel Wetherill and Son in full for paints, oil &c.	23	9
		William Davis ditto for chandlery	133	67
758		Samuel and Thomas Richards in full for castings	186	65
		Thomas Mayberry in full for iron	60	
		James Mooney on account for hauling 1000 cords wood	100	
759	October 2	Monthly wages for September	82	50
760	3	Jeremiah Buck on account of 1000 cords wood	400	
		James Mooney ditto hauling ditto	70	
761		Frederick Graff, bills paid by him to October 1st, 1807	3	17

4762 23

Amount carried forward \$ 15552 01

LOWER ENGINE BOILERS.

Amount brought forward, \$ 15652 81

No.	1806.		Doll.	ct.	
720	Novbr. 4	Monthly wages for October	309	37	
724	}	Dec. 2 ditto for November	North Boiler.	14	65
725					
726	1807.				
729	Jan'y. 19	Jeremiah Hornketh in full for 3000 bricks.	21		
746	July 2	Monthly wages for June	74	68	
748		Frederick Graff bills paid by him to July 1st 1807.	29	43	
752	August 3	Monthly wages for July	20	15	
758	Sept. 21	Samuel and Thomas Richards in full for castings	44	6	
		Thomas Mayberry in full for boiler bottom plates	190	72	
760	October 3	R. and A. Dawes in full for rolling boiler bottom	130	22	
761		Frederick Graff bills paid by him to October 1st 1807	23	33	

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CENTRE SQUARE ENGINE.

No.	1806.		Doll.	ct.
720	Novr. 4	Monthly wages &c. for October	156	73
722	20	Peter Bob in full for bricks	50	
		John Snell on acct. of 2929 bu. coal at 27 cts. haul. & meas.	26	46
723		ditto ditto ditto	282	12
724	}	Dec. 2 Monthly wages for November	157	95
725				
726	1807.			
728	Jan'y. 2	ditto for December	150	11
729	19	Abraham Jones in full for reservoir timber	146	91
731	Feb'y. 3	Monthly wages for January	127	86
733		Frederick Graff in full bills paid by him to Feb. 1st 1807.	42	92
		Jacob Lex in full for tallow	59	67
		John Snell on account of coals	388	9
734		ditto in full 2929 bushels coal hauling and measuring	188	96
735	March 3	Monthly wages for February	133	50
737	April 3	ditto for March	147	11
738	May 1	ditto for April	166	25
739		Frederick Graff bills paid by him to May 1st 1807	3	22
743	June 2	Monthly wages &c. for May	264	83
744		David Perkenpine in full for 15 1-2 gallons oil	15	50
745	22	Jones & Howell in full for 2722 bu. coal at 27 1-2 & 27 cts.	743	85
		James Mooney ditto hauling ditto at \$ 2 per Ct.	54	44
746	July 2	Monthly wages &c. for June	204	36
747		John Snell in full for 500 bu. coal at 27 1-2 cts. haul. & mea.	149	17
		ditto on account 2000 ditto ditto ditto	550	
748		Frederick Graff bills paid by him to July 1st.	22	54
750	14	John Snell in full balance for 2000 bu. coal haul. and meas.	46	67
		do. do. for 1658 bu. coal at 27 1-2 cts. hauling & meas.	494	63
751	July 31	Nicholas Rape in full for 1546 1-2 bu. coal at 27 cents.	417	55
		John Snell ditto 935 1-2 do. haul. meas. 2482 bushels.	315	17
		Thomas Mayberry in full for iron	132	10
752	August 2	Monthly wages for July and putting in new beam	214	72
753	15	Mark Richards in full for iron	30	
755	Sept. 1	Monthly wages for August	169	86
756		William Weir in full for spirits &c.	14	37
		Peter Lex ditto for tallow	51	60
757	21	Samuel Wetherill and Son in full for paints, oil &c.	42	12
		William Davis chandlery in full	146	57
758		Samuel and Thomas Richards in full for castings	159	15
		Thomas Mayberry in full for iron	39	88
		Mark Richards in full for 815 bu. coals at 27 1-2 cents	224	13
759	Oct. 2	Monthly wages for September	165	97
760	3	Thomas Conarroe in full for cedar plank. Reservoirs	240	36
		James Mooney ditto hauling 815 bushels coals	16	30
		James Way ditto for 1042 ditto and measuring at 30 cts.	316	7
		John Dunwoody ditto hauling 942 bushels coals	18	84
761		Frederick Graff bills paid by him to October 1st, 1807	14	

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CENTRE ENGINE, *Copper Roof.*

Amount brought forward, \$ 24013 03

No.	1807.		Doll.	ct.
741	May 15	Beck and Harvey in full 1634 pounds copper at 51 cents.	833	34
746	July 2	Workmen repairing wood work at roof and scaffolding	55	50
752	August 3	Painting roof &c.	21	18
757	Sept. 21	Jonathan Evans in full for boards	30	5
		Samuel Wetherill ditto paints, oil, &c.	39	61
		William Davis for sheathing paper and tar	34	58
		Beck and Harvey for 10 sheets copper	51	51
760	October 3	John Poultney for copper nails &c.	10	
761		Robert Haydock in full for coppering roof	244	64

1320 41

CENTRE ENGINE HOUSE.

752	August 3	Monthly wages, painting sash, &c.	37	35
755	Sept. 1	ditto repairs to house	25	02
757	21	Samuel Wetherill and Son for paints and oil	7	
759	Oct. 2	Monthly wages for September	31	61
760	3	John Poultney in full ironmongery	5	
761		Robert Haydock & Co. glazing Windows &c.	12	75
		Frederick Graff bills paid by him to October 1st, 1807.	24	50

143 23

LOWER ENGINE SHAFT.

746	July 2	Men at patterns for the shaft	15	
751	31	James Smallman in full putting in the shaft &c.	63	75
752	August 3	Workmen assisting at ditto	66	60
756	Sept. 1	William Wier in full spirits, oil &c.	17	
758	21	Samuel & Thomas Richards in full casting shaft brasses &c.	469	54

631 89

LOWER ENGINE, *Slate Roof.*

757	Sept. 21	Jonathan Evans in full boards for sheathing	56	37
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56 37

\$ 26164 93

ABSTRACT OF PAYMENTS

Made by the Watering Committee from Octr. 14, 1806,
to Octr. 12, 1807, inclusive.

	Doll.	ct.
Debts left unpaid October 14th, 1806	3024	52
Distribution, wages to workmen, laying pipes, digging pipe trenches, setting pumps, fire plugs, &c.	\$ 3196	32
Materials	2367	39
Logs for pipe	829	09
	6392	80
Cast iron boiler, Centre Square	242	24
Incidental expences, stationary, advertising &c.	65	08
Salaries	825	00
Boring mill, building mill house, boring pipe &c.	340	94
Lower engine, working engine, including wages, fuel &c.	4762	23
Lower engine boilers, re-building ditto	857	61
Centre engine, working engine, including wages, fuel, putting in new leaver beam and materials	7502	61
Centre engine, copper roof	1320	41
Centre engine house, repairs to ditto	143	23
Lower engine shaft, putting in new cast iron shaft, &c.	631	89
Lower engine, slate roof	56	37
	\$ 26164	93

EXPENCES

Incurred in 1807, including the sums paid and due.

	Doll.	ct.	
Old debts due October 14th, 1806	3024	52	
Distribution	6423	69	
Cast iron boiler, centre square	242	24	
Incidental expences	129	93	
Salaries	1445	83	
Boring mill	340	94	
Lower Engine	5338	68	
Lower engine boilers	863	61	
Centre Engine	7589	43	
Centre Engine, copper roof	1320	41	
Centre engine house	178	93	
Lower engine shaft	631	89	
Lower engine, slate roof	56	37	
Centre engine shaft	189	93	
Amount paid by Committee	\$ 26164	93	
Debts due October 12th, 1807	1611	47	
	\$ 27776	40	27776 40

LIST OF DEBTS,

Due on Account of the Water Works Oct. 12th, 1807.

	Doll.	ct.
Joseph Ker salary, &c.	153	32
Frederick Graff, salary	500	
James Mooney hauling wood	30	40
Jeremiah Hornketh, bricks	6	
Samuel and Thomas Richards, Iron castings	189	93
Jeremiah Buck, Wood	529	37
Thomas Mayberry, Iron	44	78
James Crukshank, Stationary	12	14
Peter Evans, cording wood	16	68
Mackie and Graff, Candles, &c.	70	62
Joseph Crukshank, printing Certificates	16	53
Robert Evans, Shingles	35	70
James Boyle, Sand	6	
	1611 47	

ACCOUNT OF COST

*Of the Water Works from the commencement to the 12th
of October 1807.*

	Dolls.	ct.	Dolls.	
Cost of the works including Distribution as per printed Report of the Committee November 4th, 1806,			409,764	07
Paid under the direction of the Watering Committee from 3d November 1806, to the 3d of October 1807,	26164	93		
Debts incurred within the above period,	1611	47		
			27776	40
			437,540	47
Deduct the following sums:				
Error in transcribing the Report of November 4th, 1806,	100			
Debts incurred in 1806, included in the above Report,	3024	52		
			3124	52
Actual Cost of the Works to 12th October 1807,			\$ 434,415	95