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REPORT

OF THE

Watering Committee

TO THE

SELECT AND COMMON COUNCILS,

November 11th, 1813.

Published by order of Councils.

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1813.

THOMAS

Watering Committee

Watering Committee

WATERING COMMITTEE

REPORT AND COMMON COUNCIL

1851

Printed by order of Council

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CITY HALL, NOVEMBER 11, 1813.

IN

Watering Committee.

REPORT

OF THE

WATERING COMMITTEE,

APPOINTED TO SUPERINTEND THE WATER WORKS.

THAT since the annual report of November 5, 1812, it has not been in their power to procure coal fuel for the centre engine : fire wood has been resorted to, and for want of suitable ground to deposit the same, it has been piled in the south and western avenues of the square. Although the enhanced market price of that kind of fuel and the extraordinary quantity required for said engine, the amount appropriated for the stock of coal, will be sufficient for the supply until spring.

3768 feet of timber and pipe, remain in the pond on Schuylkill, as per statement No. 3. It is presumed that this quantity will be sufficient for the replacing the defective pipe, and for the distribution of the ensuing year, should the demand to extend the pipe not be greater than what has been laid since spring.

On the 10th of September last, the two sums appropriated by councils, for the granting aid to Fire Hose and Engine companies, have been distributed as follows :

| | | | |
|--|-------|-------------|------------|
| To 8 Hose Companies who have applied, | - - - | \$ 125 each | \$ 1000 00 |
| 4 Engine ditto with hose, | - - - | 80 | 320 00 |
| 12 Ditto without hose, | - - - | 45 | 540 00 |
| 5 Ditto who did not apply, | - - - | 25 | 125 00 |
| 1 Society for Protecting Property during Fire, | - - - | - | 15 00 |
| | | | \$ 2000 00 |

And the Mayor has been required to draw his warrants on the city Treasurer accordingly, and in favour of the respective presidents of said companies.

Owing to the hard nature of the rock through which the pump chamber on Schuylkill is to be formed, little or no progress has been made in the building of the engine house this year : as the masons were too much exposed from the frequent blowing of the rock, it was deemed more prudent for their safety, and for the interest of the city, to suspend the work this season, and to complete the pump chamber by the opening of the Spring. This operation, however, will require additional attention before the masons can resume their work of the building of the engine house, as it will be necessary to sink a wharf, on Schuylkill, for the purpose of landing fuel and other materials for the works ; which will supersede the necessity of sinking a cofferdam to enable the carrying the aqueduct from the pump chamber into the river ; which the committee contemplate will be ready by the month of May : and during the winter season, a passage is to be cut through the rock for the ascending main to the reservoir ; and the clearing out the rock in front of the engine house, to afford sufficient room for the storing of fuel &c., is to be attended to.

The surrounding wall of the reservoir was finished in September last, and the clay has been puddled preparatory for the building of the centre wall, to separate the reservoir in two apartments ; that in case of leakage in one or the other part, or while cleansing either of them, the supply of the water in the city should not be discontinued ; and that, in case it should be deemed necessary, hereafter, to put a roof over the reservoir, the wall may serve for the foundation of pillars, to erect and support the roof. The building of that wall has, also, been suspended until next spring ; as the clay, in the beginning of October last, was not sufficiently hard to be built upon, and that otherwise the wall might receive damage from the frost, owing to the manner of building it in grout ; the surrounding wall having been executed in that manner, and different from the common method of stone work, it was thought unsafe ; and that the wall being erected in the spring, the heat of the sun will sooner absorb the great moisture of the grouting, and sufficiently consolidate it, by the time the reservoir can be used.

With respect to the new engine, for want of receiving the cylinders, &c. (to which fixtures are to be attached) previous to January, 1812, as per the contractor, of all the castings, engagement, your committee experienced vexations and disappointments without number ; not only from this contractor but from the engine builders, and, no doubt, this delay will considerably encrease the expenditure for that object, to several thousand dollars. Your committee after receiving three defective air pumps, have been forced

to apply elsewhere, and have ordered one to be cast at an advanced price ; the contractor having refused to cast another, without putting one of the last delivered to the trial ; aware, as they are, of the great loss of time which such an experiment would occasion, and that the city may be without a supply of the water during the replacing of another cylinder, (this not answering) though at his expense, your committee refused to comply with his proposal. The contractor having, in some measure, put the committee at defiance with respect to the other castings attached to the pump and the engine, which he had engaged to deliver eight months ago, leaves it to them to procure these castings elsewhere, but at the cost of the city. Foreseeing no prospect of receiving these particular castings soon, a number of smiths and forgers have been discharged in consequence ; this work, of course, is likewise suspended. How far your committee were justified in ordering an air pump, cast at Oliver Evans's foundery, and to require the contractor to furnish, forthwith, the other essential castings, they have resorted to legal advice in what manner to proceed. The solicitor approved of the procuring an air pump from another foundery at the charge of the contractor, and advises to pursue the like course with respect to the other castings ; informing the contractor, where the same are to be made, and the price to be given, that he may examine the work, if so disposed, considering the contractor liable for all damages.

Out of fifty thousand feet of timber contracted for, for the leading main, 24,279 feet have been delivered ; the remainder is expected by the next spring freshes in the Delaware. The logs are boring as they are wanted. Two ranges of pipe have been laid from the centre square, on the east side of Broad along to Vine street, in which five ranges are continued to Schuylkill third street, and northward from thence one hundred feet ; trenches are now digging on the west side of Broad street, for three ranges of pipes ; one to continue to Vine street, the other two to be laid through Sassafras and Schuylkill seventh to Vine street ; where they are to be connected with those already laid in said street. This work will terminate the laying of the leading main this season. These pipes are to be continued along Schuylkill third street to the towing path of the canal, and through the ground belonging to the Fair Mount proprietors to the reservoir.

The application made by Councils, to the Legislature of Pennsylvania, for permission of using the high roads, streets, &c. through Penn township, having been granted last year, it remained, for your committee, to obtain like permission from the proprietors of the ground in which the pipes are intended to be carried. The deed from the proprietors of Fair Mount, gives the right to make use, for that purpose, of any of the streets

laid out on their plan ; and for the greater conveniency, the proprietors are willing to permit the committee to lay the pipe through a more convenient spot of their ground ; and where the same are to be carried, the proprietors contemplate laying out a street, upon consideration that such street, or streets, shall be supplied with the Schuylkill water from the pipes, by means of a hydrant pump, free of rent, whenever it shall be so required, no articles of agreement have been, as yet, entered into ; though requested thereto by the committee.

Articles of agreement have been executed with the Board of Managers of the Union Canal Company of Pennsylvania, for the laying of the pipes of conduit in the towing path of the canal ; with Doct. William Hunter, and with the heirs and the executors of the late Andrew Caldwell, proprietors of the ground through which the canal is formed to the intersection of Schuylkill third street. The considerations for the grant of these permissions, are : It is covenanted with the Union Canal Company, “ that in case of a breach or accident by the pipes of conduit, to the towing path ; or should it be found at any time after seven years, by the managers, prejudicial to the Canal Company, the pipes shall be removed on having six months notice in writing, or if the same are removed at any time by the committee, in either case the towing path shall be put in good repair ; and should it be thought necessary to increase the embankment over the culvert, so as to require adjoining land, the committee are to procure it at their expense ; and the Canal Company shall be at liberty to purchase the same at the original cost without interest thereon ; the committee are, also, to obtain permission from councils, to supply the building, in which the Union Canal Company transact their business, with the Schuylkill water free of expense.” With Doct. George Hunter, “ for the privilege of extending the culvert under the towing path from 5 to 10 feet southward, for the purpose of increasing the bank of said towing path 8 or 9 feet, if they think it necessary, at their expense ; and he, his heirs and assigns to receive a supply of the Schuylkill water through an half inch ferule, from any one of the pipes of conduit, in said ground, free of rent ; and to put the north side of the culvert in a state of repair, and secure the opening from being injured hereafter.” And with the heir and the executors of the late Andrew Caldwell, deceased, “ to supply their ground, by means of an hydrant pump, whenever the same may be required, and free of rent.”

Sixty five thousand dollars have been borrowed by the Mayor, in six separate loans, in virtue of an ordinance passed the 12th day of August, 1812 ; of this sum \$ 56,002 24 up to the 8th day of October last, have been expended for the new works, and although

a great part of the works are suspended for the season, the construction of the boiler, and the laying of the leading main continues, and for the payment of the castings, a further loan will require to be resorted to, when needed.

2637 dwellings, manufactories and institutions are supplied with the water to the 30th of September last, as per statement No. 4.

The receipts of the rents in advance on issuing permits from October 1, 1812, to September 30, 1813, are as follows :

| | | |
|--|---|-----------|
| 1st quarter ending December 31, 1812, on 80 dwellings, &c. | - | \$ 304 87 |
| 2d Ditto March 31, 1813, 12 do. | - | 32 28 |
| 3d Ditto May 28, 56 do. by former Clerk | - | 63 64 |
| June 30, 32 do. by present do. | - | 173 29 |
| 4th Ditto September 30, 73 do. | - | 360 76 |
| Total, 253 dwellings, | | 934 84 |

N. B. The former Clerk having resigned and being indebted for rent and repaving over pipe, his bond has been placed in the hands of the solicitor and the amount recovered.

72 delinquents of the rent have been reported by the collectors of the water rent on the 1st of June, 1813, the amount returned by them is dolls. 771 50, of which

40 have paid the rent due and the rent in advance, included in the city clerks return of the 3d and 4th quarters, amounting to - 604 50

18 errors, of which 9 are twice charged in separate duplicates.

4 had not the water ; 3 overcharged in rent ; 1 had relinquished the water in May, 1812, and one pipe destroyed by fire ; including 23 baths not used and 31 horses not kept, being charged therewith total amount, - \$ 285 00

13 pipes destroyed from delinquents the amount returned to the solicitor to sue for the same, - \$ 156 00

1 ditto not destroyed, but continued to another occupier the amount lost, the debtors being insolvent, - \$ 24 00

Of the foregoing rents 43 dolls. has been recovered by the solicitor and paid to the city clerk, who is to render an account in the next quarter, with what he may have further received.

13 have declined the use of the water previous to the 1st of June, the amount of which is - \$ 140 00

The sales of old materials, ashes, boring, &c. amount as follows and as per statement No. 2.

1st quarter \$ 416 89, 2d and 3d do. \$ 125 28, 4th do. \$ 85 72, together, - 627 89

Total rents in advance, sales of old materials, &c. \$ 2167 23

Which sum, and the following for repaving over water pipe has been paid in the city treasury.

1st quarter \$ 46, 2d do. \$ 12, 3d do. \$ 32, 4th do. \$ 62, and \$ 57 recovered on John Reynolds's bond, by the solicitor, together, \$ 209 00

28 certificates issued by the committee being the amount of expenditures from October 23, 1812, to October 18, 1813, as per statement No. 1, amounting to - \$ 30359 58
Remains balance in the treasury, - 2808 06

Amount appropriated by councils this year, \$ 33167 64

The following to cover the expenditures of the works, to the 31st of December next.

| | |
|---|-------------|
| 200 cords of wood to complete the stock of fuel for the centre square engine at \$ 7 06, wharfage and hauling included, - - - | 1412 00 |
| 3700 feet of pipe, boring and laying at 82 cents, - - - | 3034 00 |
| Wages to engine men, labourers at distribution and repairs, - - - | 2000 00 |
| | <hr/> |
| | 6446 00 |
| Deduct balance in the treasury, - - - | 2808 06 |
| | <hr/> |
| Sum deficient, to be carried to the next year, - - - | \$ 3637 94 |
| | <hr/> <hr/> |
| Amount of the 4 quarters rent in advance, sales of old materials, &c. as above, - - - | 2167 23 |
| Account of duplicates of water rents from 1st July, 1813, to 1st July, 1814, now collecting, - 15,844 30 | |
| Deduction of 10 per cent. for allowances and commissions, - - - 1584 43 | |
| Leaves - - - | <hr/> |
| | 14259 87 |
| Difference between \$ 13265 10, supposed nett proceeds of duplicates of 1812, which have produced \$ 13405 52, in the treasury, - | 138 42 |
| | <hr/> |
| Sum to be deducted from the following estimate, - | \$ 16565 52 |
| | <hr/> <hr/> |

Estimate of sums necessary to carry on the works from January 1st, 1814, to December 31st, following.

Sum deficient of this years appropriation, - - - \$ 3637 94

FOR THE DISTRIBUTION.

| | |
|--|---------|
| 40 new tubs and finishing, - - - | 400 00 |
| Repairs of fire plugs, stop cocks and pumps, - - - | 2500 00 |
| Castings for the same and cylinders, - - - | 1000 00 |
| 10 thousand feet of plank and boards, - - - | 300 00 |
| | <hr/> |
| | 4200 00 |

FOR THE ENGINES.

| | |
|--|----------|
| 2800 cords of fire wood, wharfage and hauling, - - - | 20000 00 |
| Wages of engine men, - - - | 3200 00 |
| Materials and repairs to engines, - - - | 1200 00 |
| | <hr/> |
| | 24400 00 |

SALARIES.

| | |
|--|-------------|
| Superintendent \$ 1200—Messenger \$ 25 - - - | 1225 00 |
| Incidentals and improving centre square, - - - | 502 58 |
| | <hr/> |
| Amount required to carry on the works in 1814, - | \$ 33965 52 |
| From which deduct rents, &c. as above, - - - | 16565 52 |
| | <hr/> |
| Leaves to be appropriated, - - - | \$ 17400 00 |
| | <hr/> <hr/> |

By order of the Watering Committee,

JAMES VANUXEM, Chairman.

No. 1.

LIST OF CERTIFICATES,

OR, ORDERS FOR MONEY, DRAWN BY THE

WATERING COMMITTEE,

From October 1st, 1812, to October 18th, 1813, inclusive.

| Nos. | Dates. | | Dolls. | C. |
|------|---------------|---|--------------|-----------|
| 984 | 1812. Oct. 21 | In favour of Frederick Graff, Clerk of the water works, | 500 | 00 |
| 985 | November 2 | ditto | 491 | 71 |
| 986 | December 2 | ditto | 438 | 28 |
| 987 | 21 | ditto | 1006 | 17 |
| 988 | 23 | ditto | 411 | 04 |
| 989 | 1813. Jan. 2. | ditto | 437 | 93 |
| 990 | | ditto | 451 | 35 |
| 991 | February 2 | ditto | 942 | 14 |
| 992 | March 2 | ditto | 363 | 94 |
| 993 | 27 | ditto | 1779 | 67 |
| 994 | April 2 | ditto | 871 | 29 |
| 995 | 13 | ditto | 802 | 18 |
| 996 | 27 | ditto | 473 | 44 |
| 997 | May 1 | ditto | 434 | 81 |
| 998 | 13 | ditto | 1246 | 97 |
| 999 | 24 | ditto | 2763 | 68 |
| 1000 | 31 | ditto | 1899 | 87 |
| 1001 | June 1 | ditto | 628 | 68 |
| 1002 | 17 | ditto | 1375 | 00 |
| 1003 | July 1 | ditto | 668 | 20 |
| 1004 | | ditto | 3178 | 34 |
| 1005 | August 2 | ditto | 2070 | 35 |
| 1006 | 2 | ditto | 482 | 01 |
| 1007 | September 2 | ditto | 1337 | 95 |
| 1008 | 24 | ditto | 2116 | 50 |
| 1009 | October 2 | ditto | 1515 | 48 |
| 1010 | 18 | ditto | 478 | 36 |
| 1011 | | ditto | 1194 | 24 |
| | | | <u>30359</u> | <u>58</u> |

ABSTRACT OF PAYMENTS

FROM THE FOREGOING ORDERS, AS FOLLOWS:

DISTRIBUTION.

| Nos. | Dates. | | Dolls. C. |
|------|--------------|---|------------|
| 985 | 1812. Nov. 2 | Monthly wages for October, - - - | 226 56 |
| 986 | December 2 | Ditto for November, - - - | 229 03 |
| 989 | 1813. Jan. 2 | Daniel Rhoads for lumber and shingles, - - - | 18 54 |
| | | John Allison for horse feed to December 31, 1812, | 20 30 |
| 990 | | Wages for December, - - - | 227 70 |
| 991 | February 2 | Ditto for January, 1813, - - - | 100 85 |
| | | Ridgway and Evans for 1156 feet of 1 $\frac{1}{4}$ inch boards, | 39 29 |
| | | Messrs. Craig & Co. for a large mill wheel and shafts, | 60 00 |
| | | Eldrige and Nicholson for 3344 feet of 1 $\frac{1}{4}$ inch boards, | 120 38 |
| | | Frederick Graff for sundry small bills, - - - | 14 64 |
| 992 | March 2 | Wages for February, - - - | 141 14 |
| 993 | 27 | Thomas M'Ilwham for 133 lbs. of brass castings, - | 59 85 |
| 994 | April 2 | Wages for March, - - - | 181 94 |
| 995 | 13 | John Allison for horse feed from December 31, 1812, | 19 10 |
| | 27 | Joseph Pierson for 2 loads of hay and 100 of straw, - | 43 62 |
| 997 | May 1 | Wages for April, - - - | 144 68 |
| 999 | 24 | Conarroe & Co. for 5000 feet of pipe timber at 16 cents, | 800 00 |
| 1001 | June 1 | Wages for May, - - - | 287 40 |
| | | Joseph Warnick for nails to May 22, - - - | 41 47 |
| 1003 | July 1 | Wages for June, - - - | 251 65 |
| | | Frederick Graff for sundry small bills, - - - | 49 45 |
| | | John Allison for horse feed to June 29, - - - | 27 09 |
| 1004 | | Jacob Eckfeldt for repairs of pump work, &c. - | 10 87 |
| 1005 | August 2 | Wages for July, - - - | 211 15 |
| 1006 | | Coleman Sellers for one year's stable rent, due May 9th, | 20 00 |
| | | Alexander & William Adams for tallow and spirits, | 107 25 |
| 1007 | September 2 | Wages for August, - - - | 250 87 |
| | | John Smith for new running gears of log waggon and smiths' work, - - - | 26 24 |
| 1009 | October 2 | Joseph Pierson 3 loads of hay and 28 bundles of straw, | 54 67 |
| | | Blaksly Barns for 240 $\frac{1}{2}$ lbs. of lead and tin work, - | 44 35 |
| | | Jacob Edenborn for 252 $\frac{1}{2}$ lbs. sole leather, and dubbing, | 63 75 |
| | | John Allison for horse feed to September 30, - | 57 03 |
| | | Wages for September, - - - | 503 36 |
| | | Daniel & Joseph Rhoads for sundry lumber, - | 71 15 |
| 1010 | 18 | George M'Farland, shoeing horses to June 8, and repairs of pump work, - - - | 24 86 |
| | | Luke Rieley shoeing horses to October 5th, - | 12 03 |
| | | Israel Roberts for copper balls for the pumps, and a copper pump, - - - | 39 00 |
| | | Jonathan Knight for 2026 feet of pannel and common boards, | 54 69 |
| | | David Prentice for iron castings, - - - | 22 91 |
| | | John Carrell for ironmongery, - - - | 75 40 |
| | | John F. Warner for 26 lbs. of brass castings, - | 13 00 |
| | | Henry Voight for plumbers' work and lead pipe, - | 117 88 |
| | | William Powell for 519 feet of white pine boards, | 10 38 |
| | | Alexander & William Adams for spirits, - - - | 108 21 |
| | | William Davis for ropes for boring mill, &c. - | 40 01 |
| | | Samuel Wetherill & Son for paints, oil, &c. - | 55 63 |
| | | Amount carried forward, - - - | \$ 5099 37 |

CENTRE ENGINE.

| Nos. | Dates. | Amount brought forward, | Dols | C. | 5099 37 |
|------|--------------|---|------|----|---------|
| 985 | 1812. Nov. 2 | Monthly wages for October, - - | 151 | 80 | |
| 986 | December 2 | Ditto for November, - - | 123 | 75 | |
| 990 | 1813. Jan. 2 | Ditto for December, - - | 127 | 36 | |
| 991 | February 2 | Ditto for January, 1813, - - | 143 | 86 | |
| | | Frederick Graff for sundry small bills, - | 22 | 90 | |
| 992 | March 2 | Wages for February, - - | 123 | 50 | |
| 993 | 27 | Rowland Smith for 20½ cords of wood at \$ 5 75 and wharfage, - - | 119 | 10 | |
| | | Douglass Saint for hauling 20½ cords of wood, - | 15 | 37 | |
| | | John M'Waters for 77 cords of wood at \$ 5 hauling and wharfage, - - | 447 | 37 | |
| | | Jonathan Knight 23¼ do. do. - - | 137 | 98 | |
| | | Benjamin Duncan on account for wood, - - | 1000 | 00 | |
| 994 | April 2 | Wages for March, - - | 155 | 75 | |
| | | Jonathan Knight for 25 cords of wood at \$ 5 hauling and wharfage, - - | 145 | 25 | |
| 995 | 13 | Benjamin Duncan balance for 194½ cords of wood hauling and wharfage, - - | 28 | 28 | |
| | | John M'Waters for 70 cords of wood hauling and wharfage, - - | 382 | 13 | |
| 996 | 27 | Joel Wescott 28 cords do. do. - - | 163 | 18 | |
| | | John M'Waters 44 do. do. - - | 266 | 64 | |
| 997 | May 1 | Wages for April, - - | 159 | 24 | |
| 999 | 24 | Elisha Clark for 159½ cords of wood, hauling, wharfage, &c. - - | 1111 | 29 | |
| 1000 | 31 | Ditto for 209½ do. do do. - - | 1445 | 91 | |
| 1001 | June 1 | Wages for May, - - | 170 | 39 | |
| 1003 | July 1 | Ditto for June, - - | 173 | 83 | |
| | | Frederick Graff for sundry small bills, - | 8 | 00 | |
| | | Joel Wescott for 28½ cords of wood hauling and wharfage, - - | 198 | 96 | |
| 1004 | | John M'Waters for 35 cords of wood at \$ 6 25 and wharfage, - - | 220 | 85 | |
| | | Jonathan Knight for 20 cords of wood and wharfage, - | 126 | 20 | |
| | | Benjamin Duncan for 128½ cords of wood at \$ 6 25 hauling and wharfage, - - | 905 | 21 | |
| | | Jonas Smith hauling 55 cords of wood at 75 cents, - | 41 | 25 | |
| 1005 | August 2 | Wages for July, - - | 164 | 83 | |
| 1006 | | William Arrentrue for candles to June 29, 1813, - | 34 | 38 | |
| | | Alexander & William Adams for tallow and spirits, - | 54 | 54 | |
| | | Thomas Morgan for part of 69 gallons of neats oil, - | 41 | 25 | |
| 1007 | September 2 | Wages for August, - - | 189 | 04 | |
| | | Benjamin Duncan for 108 cords of wood, hauling and wharfage, - - | 742 | 67 | |
| 1009 | October 2 | Elijah & Thomas Dalett for part of 1741 lbs. of tallow at 12 cents, - - | 107 | 52 | |
| | | Wages for September, - - | 123 | 75 | |
| 1011 | 18 | William Davis for chandlery, - - | 229 | 58 | |
| | | Samuel Wetherill & Son, for black lead, whiting, oil, &c. - - | 51 | 39 | |

9854 80

Amount carried forward, - - - \$ 14954 17

LOWER ENGINE.

| Nos. | Dates. | Amount brought forward, | Dols | C. | 14954 | 17 |
|-------------------------------|---------------|--|------|----------|-------|----|
| 984 | 1812. Oct. 21 | Joseph Jones on account for wood, - - - | 500 | 00 | | |
| 985 | November 2 | Wages for October, - - - | 113 | 35 | | |
| 986 | December 2 | Ditto for November, - - - | 85 | 50 | | |
| 987 | 21 | Douglass Saint for 17 $\frac{3}{4}$ cords of wood at \$6 and cordage | 107 | 56 | | |
| | | Jacob Erringer for 24 $\frac{1}{2}$ do. do. do. | 148 | 47 | | |
| | | Benjamin Duncan 67 $\frac{1}{2}$ cords of wood and cordage, | 371 | 67 | | |
| | | Henry Smith hauling 17 $\frac{3}{4}$ cords of wood, - | 15 | 97 | | |
| | | Jacob Rogers for 50 cords of wood and hauling, | 362 | 50 | | |
| 988 | 23 | Benjamin Duncan 45 $\frac{1}{2}$ cords of wood and wharfage, | 275 | 02 | | |
| | | Patrick Cannon hauling 81 cords of wood, - | 81 | 00 | | |
| | | Robert M'Ilhenny hauling 31 $\frac{3}{4}$ do. - | 31 | 75 | | |
| | | John Regan do. 24 $\frac{1}{2}$ do. - | 23 | 27 | | |
| 989 | 1813. Jan. 2 | Daniel Rhoads for cording wood at Schuylkill, | 22 | 59 | | |
| | | Wm. Rees balance for hauling 941 $\frac{1}{2}$ cords wood at 40 c. | 76 | 50 | | |
| 990 | | Wages for December, - - - | 95 | 79 | | |
| 991 | February 2 | Ditto for January, 1813. - - - | 103 | 85 | | |
| | | Frederick Graff for sundry small bills, - | 48 | 50 | | |
| | | Joseph Jones on account for wood, - | 260 | 87 | | |
| 992 | March 2 | Monthly wages for February, - - - | 87 | 80 | | |
| | | Joseph Jones balance for 966 $\frac{1}{4}$ cords of wood at \$ 5, | 11 | 50 | | |
| 994 | April 2 | Wages for March, - - - | 88 | 35 | | |
| 995 | 13 | Ben. Duncan for 64 $\frac{3}{4}$ cords of wood hauling & wharf. | 372 | 67 | | |
| 997 | May 1 | Wages for April, - - - | 130 | 89 | | |
| 998 | 13 | Ben. Duncan for 171 cords of wood, hauling & wharf. | 1140 | 72 | | |
| | | Thomas Smith 21 $\frac{1}{4}$ do. at \$ 5, - | 106 | 25 | | |
| 999 | 24 | John M'Waters for 12 cords of wood, haul. & wharf. | 84 | 72 | | |
| | | Benjamin Duncan on account for wood, - | 600 | 00 | | |
| | | Joel Wescott 23 $\frac{1}{4}$ cords of wood at \$ 6 haul. & wharf. | 167 | 67 | | |
| 1000 | 31 | B. Duncan balance for 151 cords wood haul. & wharf. | 453 | 96 | | |
| 1001 | June 1 | Monthly wages for May, - - - | 129 | 42 | | |
| 1002 | 17 | Gidgeon Scull for 100 cords of wood at \$ 7, | 700 | 00 | | |
| | | John Tuft for 100 do. at \$ 6 75, - - - | 675 | 00 | | |
| 1003 | July 1 | Wages for June, - - - | 139 | 18 | | |
| | | Frederick Graff for sundry small bills, - | 4 | 00 | | |
| 1004 | | John Tuft for 100 cords of wood, - - - | 675 | 00 | | |
| | | Gidgeon Scull for 100 cords do. - - - | 700 | 00 | | |
| 1005 | August 2 | Wages for July, - - - | 144 | 37 | | |
| | | William Rees on account for hauling wood, | 200 | 00 | | |
| | | John Tuft for 200 cords of wood, - | 1350 | 00 | | |
| 1006 | | William Arrentrue for candles, - - - | 17 | 19 | | |
| | | Alexander & William Adams for tallow and spirits, | 54 | 54 | | |
| | | Thomas Morgan for part of 69 gallons neats oil, | 45 | 00 | | |
| | | Dan. Rhoads for cord. and wharf. of 591 $\frac{7}{8}$ cords wood, | 82 | 86 | | |
| 1007 | September 2 | Wages for August, - - - | 115 | 63 | | |
| 1008 | 24 | Gidgeon Scull for 109 $\frac{1}{2}$ cords of wood at \$ 7, | 766 | 50 | | |
| | | John Tuft for 200 cords of wood at \$ 6 75, | 1350 | 00 | | |
| 1009 | October 2 | Elij. & Thos. Dalett for part of 1741 lbs. tallow at 12 c. | 101 | 40 | | |
| | | Wages for September, - - - | 88 | 50 | | |
| 1011 | 18 | Dan. Rhoads cord. & wharf. of 396 $\frac{1}{4}$ cords of wood, | 53 | 77 | | |
| | | John Tuft for 57 $\frac{3}{8}$ cords of wood at \$ 6 75, | 387 | 27 | | |
| | | Wm. Rees bal. for haul. 988 $\frac{1}{8}$ cords of wood at 40 c. | 195 | 25 | | |
| | | William Davis for chandlery, - - - | 127 | 58 | | |
| | | Samuel Wetherill & Son for black lead, whiting, &c. | 30 | 10 | | |
| | | | | 14101 | 25 | |
| Amount carried forward, - - - | | | | \$ 29055 | 42 | |

SALARIES.

| Nos. | Dates. | Amount brought forward, | Dols | C. | Total |
|-----------------------------|------------|---|------|----|----------|
| | | Amount brought forward, | | | 29055 42 |
| 989 | 1813. Jan. | 2 Frederick Graff on account of salary, | 300 | 00 | |
| 994 | April | 2 Ditto ditto, | 300 | 00 | |
| 1004 | July | 1 Ditto ditto, | 300 | 00 | |
| 1005 | August | 2 John Rafield one years salary, due July 1, 1813, | 25 | 00 | |
| 1009 | October | 2 Frederick Graff balance of ditto, | 300 | 00 | |
| | | | | | 1225 00 |
| INCIDENTAL EXPENSES. | | | | | |
| 1003 | 1813. July | 1 Frederick Graff for sundry small bills, | 15 | 00 | |
| 1007 | September | 2 Jane Aitken for printing certificates of permits, | 13 | 50 | |
| 1011 | October | 18 E. Bronson for advertising in 1811 and 1812, | 8 | 00 | |
| | | William Duane ditto 1813, | 8 | 00 | |
| | | Samuel Relf ditto ditto, | 7 | 66 | |
| | | | | | 52 16 |
| PLANS AND ESTIMATES. | | | | | |
| 991 | 1813. Feb. | 2 Frederick Graff for sundry small bills, | 27 | 00 | |
| | | | | | 27 00 |
| | | | \$ | | 30359 58 |

ABSTRACT OF PAYMENTS

MADE BY THE WATERING COMMITTEE,

From October 1st, 1812, to October 18th, 1813, inclusive.

| | |
|---|-------------|
| Distribution, wages to workmen laying pipes, digging pipe trenches, repairs to pumps, fire plugs, setting new ones, with materials, | 5099 37 |
| Centre engine, working engine, wages, fuel, &c. | 9854 80 |
| Lower engine, do. do. | 14101 25 |
| Salaries, of the superintendent and messenger, | 1225 00 |
| Incidental expenses, for advertising, &c. | 52 16 |
| Plans and estimates, | 27 00 |
| | \$ 30359 58 |

LIST OF DWELLINGS,

Manufactories, and Institutions, supplied with the Schuylkill water
to the 30th September, 1813.

| | | Dolls. | C. |
|------|---|---------|----------|
| 1 | Back small dwelling, | | 250 |
| 2426 | Dwellings, &c. | 8 5 | 12130 00 |
| 1 | Private hydrant pump for 4 small dwellings, | | 6 |
| 1 | Private stable, | | 7 |
| 38 | Dwellings north of Vine and south of Cedar, | 7 50 | 285 |
| 6 | Printing offices, stables and private hydrant, | 8 | 48 |
| 4 | Vinegar yard and 3 under contract, | 9 | 36 |
| 32 | Banks, dyers, stables, inns, smiths, hatters, &c. | 10 | 320 |
| 2 | Stables, | 12 | 24 |
| 10 | Hatters, | 13 | 130 |
| 40 | Distillers, inns, stables, curriers, and manufactories, | 15 | 600 |
| 24 | Ditto ditto hotels, &c. ditto, | 20 | 480 |
| 2 | Paper factory and stable, | 24 | 48 |
| 17 | Distillers, sugar and soap boilers, inns and stables, | 25 | 425 |
| 1 | Paper manufactory, | 28 | 28 |
| 9 | Inns and stables, distilleries, county gaol, &c. | 30 | 270 |
| 5 | Stables, tan yards and morocco factory, | 35 | 175 |
| 4 | Breweries, stable and Franklin court, | 40 | 160 |
| 2 | Ditto, | 44 | 88 |
| 1 | Distillery, | | 45 |
| 8 | Ditto, breweries, livery stables, hospital, &c. | 50 | 400 |
| 1 | Ditto, | | 60 |
| 1 | Bath house, | | 80 |
| 1 | Alms house, | | 100 |
| 2637 | | | 15947 50 |
| | 172 baths | at \$ 3 | 516 |
| | 175 horses, | 1 | 175 |
| | | \$ | 16638 50 |