## ANNOAL REPORT

OF THE

## WaTERING COMMITTEE,

```
FOR TEE YEAR 1850,
```

TO THE

## SELECT AND COMMON COUNCILS

of the

CITY OF PHILADELPHIA.

JANEARY 2, 1851 .

PHILADELPHIA:
1851.

Crisgy \& Marklex, Prifters.

## WATERING COMMITTEE.

JOHN PRICE WETHERILL, Chairman.
JOHN TRUCKS,
JACOB E. HAGERT,
SAUNDERS LEWIS,
JOSEPH M. THOMAS,
SAMUEL J. CHRISTIAN, JOHN AGNEW,

AUGUSTUS W. HARKER.

## ANNUAL REP0RT.

The period for that purpose having again arrived, your Committee offer for your consideration, its Annual Report, with the accompanying accounts of receipts and expenditures.

The most important work of the season, has been the laying of the thirty-inch main, provided for by appropriation of November 22, 1849, which has been completed from the reservoirs at Fairmount to Delaware Second and Arch streets, a distance of 13,821 feet, being thirty-nine feet less than two and five-eights miles.

The total cost of this work, including proving press, tim-ber-wheels, truck, tools, \&c., still on hand, serviceable for other work of similar character, is $\$ 118,66534$, being $\$ 5,40711$ less than the amount estimated for the work, which is principally owing to the fact of the main having been laid as far as Second street only, making it 452 feet shorter than was calculated for in the estimate. The increased pressure upon the pipes, not only within the city, but to the extreme limits of the lower districts, is very

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considerable, fully proving the efficiency of the main to supply the objects for which it was intended.

A pipe of twelve inches diameter, has been laid in Schuylkill Fifth street, from Arch to Chestnut streets, and also a sixteen-inch main on Cedar street, from Schuylkill Eighth to Fifth street, as appropriated for in the estimate in last year's Report.

The work of cleansing the reservoirs was commenced as early as the frost would permit, but had to be discontinued, in consequence of the demand for water being so great, as to make it unsafe, with our small reservoirs, to keep any one of them empty long enough to finish the work entirely. It will be seen, that a sum has been included in the estimate for the year 1851, for the purpose of finishing this work, and it will be commenced as early as possible.

The consumption of water during the year, was as fol-lows:-
In the month of
January, an average of $3,412,535$ gallons per day.

| " | February, " | " | $3,240,064$ | " | " |
| :--- | :--- | :--- | :--- | :--- | :--- |
| " | March, | " | " | $3,968,637$ | " |
| " | April, | " | " | $4,309,451$ | " |
| " |  |  |  |  |  |
| " | May, | " | " | $4,598,404$ | " |
| " | June, | " | " | $6,092,080$ | " |
| " |  |  |  |  |  |
| " | July, | " | " | $6,247,209$ | " |
| " | August, | " | " | $5,594,138$ | " |
| " |  |  |  |  |  |
| " | September, " | " | $5,136,144$ | " | " |
| " | October, | " | " | $5,590,524$ | " |
| " | November, " | " | $4,959,556$ | " | " |
| " | December, " | " | $4,275,324$ | " | " |

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Being an average throughout the whole year, of $4,785,338$ ale gallons per day.

The above supply of water was distributed to 17,913 tenants, who pay for the water in the city, and about 3,000 . families who receive a supply from public hydrant pumps.


The iron pipes laid during the year, amounts to 22,253 feet, which makes the total amount of pipes now laid in the city upwards of $81 \frac{11}{1} \frac{1}{2}$ miles.

The pipes now laid in the District of Southwark, is $15 \frac{5}{18}$ miles, and in Moyamensing, $10 \frac{8}{18}$ miles, which makes the total length of iron pipes, through which the water is supplied to the city and lower districts, 108 miles.

There are now in the city, 648 fire plugs, in Southwark, 170, and in Moyamensing, 102.-Together, 920 plugs.

The Amounts placed to the Credit of the Watering Committee, for the year 1850, were as follows:-

As per estimate in Report of 1849, \$28,000 00
Amount of unexpended Balance of the sum authorized to be raised by loan, for the purchase of a site for additional Reservoirs, and for Amount carried forward, $\$ 28,00000$

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Amount brought forward, $\$ 28,00000$
laying a thirty-inch Main, per ordinance of Councils, passed November 22, 1849, - - -110,034 39 138,03439
The Amounts expended in 1850, were as fol-lows:-

Distribution, - - \$3,183 77
Fairmount Works, - 5,384 40
Iron Pipe, - - - 10,656 63
Water Power, - - 2,420 51
Incidentals, - - 1,67278
Salaries, - - - 3,925 00
Additional Reservoirs, $\quad 34005$
Thirty-inch Main, - 104,243 08
131,826 22
Leaving a Balance of

The Amount authorized to be raised by loan, for additional reservoir site, and for thirtyinch Main, per ordinance Nov. 22d, 1849, was - - - - - $\$ 166,00000$
The total cost of the Main has
been - - - - $\$ 118,66534$
The total cost of the Ground
for reservoir site, including
the Taxes for 1850 , is - 41,88340
160,548 74
Balance, - - $\$ 5,45126$

## ( 9 )

The Amount of Duplicates for 1850, as per Register's Account, No. 8, without deducting commissions, \&c., is - - - - \$131,949 92
The Amount paid into the Treasury, after deducting commissions, \&c., \$7,454 34, and including the fractional Water Rents for 1850, as per balance sheet of Register, No. 1, is - - - - - - 132,59231

The Amount of Revenue, per Duplicates for 1851, as per Register's Account, No. 7, is as follows:-

| City, - | - | - | $-\$ 105,36725$ |
| :--- | :--- | :--- | :--- |
| Southwark, | - | - | - |
| Moyamensing, | - | - | $-11,28517$ |
|  |  |  |  |
| Together, | - | $-\$ 138,87442$ |  |

From which deduct Annual Appropriation to
the Sinking Fund, per ordinance of Febru-
ary $27,1840, \quad \$ 20,00000$
Per Ordinance of Ja-
nuary $20,1842, \quad 12,00000$
$\$ 32,00000$
Add estimated Amount of expenses
for 1851, - - - - 24,657 78

Balance, - -| $\frac{56,65778}{\$ 82,21664}$ |
| ---: |



## ESTIMATE FOR THE YEAR 1851.

## INCIDENTAL EXPENSES.

Distribution, - - - - $\$ 3,50000$
Water Power, Working Machinery,
Fuel, \&c., - - - - 2,80000
Fairmount Works, for the payment
of Taxes, - - - - 3,65778
Fairmount Works, General Repairs,
Mowing Reservoirs, \&c., - - 1,600 00
Fairmount Works, Cleansing Reser-
voirs, Nos. 1, 2 \& 3, - - 1,00000
Amount earried forward, . \$12,557 78

## ( 11 )

Amount brought forward, $\$ 12,55778$
Additional Reservoirs, for payment
of Taxes, - - - - - 10000

Salaries, - - - - 4,00000
Incidentals, - - - - - 2,000 00
$\$ 18,65778$

PERMANENT EXPENSES.
Iron Pipes : for pipes to supply new Improvements, 6,000 00
\$24,657 78

JOHN PRICE WETHERILL, Chairman. JOHN TRUCKS, JACOB E. HAGERT, SAUNDERS LEWIS, JOSEPH M. THOMAS, SAMUEL J. CHRISTIAN, JOHN AGNEW, AUGUSTUS W. HARKER.

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## LIST OF CERTIFICATES

## POR MONEYS DRAWN BY THE WATERING COMMITTEE, TOE

## FAIRMOUNT WATER WORKS,

From December 31, 1849, to December 31, 1850.


## ABSTRACT OF PAYMENTS MADE UNDER THE FOREGOING CERTIFICATES.

 Distribution.











Colwell \& Co., for 30 inch pipes and castings, per contract, Colwell \& Co., for castings not included in contract, - - . A. Scott, for seven kegs of blasting powder, - - - - James Cook, for hauling main, per contract, -

13251|04| 3200 1925 30237 123249 37192 1113778 2200 15740 2388 2200 98996 8030
11907 '26 489 '33 10900
113977 10845 6994 12180 853485 8224 3647

Amounts carried forward,
81913/71 2758314

| No. | 1850. |  | Dolls. ${ }^{\text {C. }}$ | Dolls. ${ }^{\text {C }}$ |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Amounts brought forward, Alewider Scott for houling surplus earth from pipe trench, | 8191371 7455 |  |
|  |  | William H. Knight, for hardware, to July 1, 1850, - | 9992 |  |
|  |  | David Smith, for lumber, to July 1, 1850, -- | 17695 |  |
|  |  | James Cook, for hauling main, per contract, | 7100 |  |
|  | Aug. | 7, Wages of workmen, for July, - - | 95226 |  |
| 11 |  | Colwell \& Co., on account of per centage retained as security until |  |  |
|  |  | pipes are proved, - - - - - - - |  |  |
|  |  | Williams \& Brown, for oak stuff for screen at head of main, - | 1225 |  |
|  |  |  | 2565 |  |
|  |  | John Coulter, for repaving across Clualowhin street over trench, - Alexander Scott, for hauling surplus earth from pipe trench | 12572 |  |
|  |  | James Cook, for hauling pipes, per contract, | 9162 |  |
|  | 148 Sept. |  | 4, Wages of workmen, for August, - - - - . |  | 111026 |
|  |  |  | H. Swartzengroven, for lime, to repair culverts and whitewash main, |  | 2772 |
|  |  |  | J. P. Morris \& Co., repairs to proving press, - - - |  | 7895 |
|  |  |  | James Cook, for hauling 30 inch pipe, per contract, |  | 10463 |
|  |  |  | A. Scott, for hauling surplus earth from pipe trench, |  |  |
|  |  | Wages of workmen, for September, G | 10000 |  |
|  |  | $\begin{aligned} & \text { George S. ©rage, ror Sitto, September 1, 1850, } \\ & \text { Cliffor } \end{aligned}$ | 4114 |  |
|  |  | J. Harper, for bricks to repair culverts, | 4412 |  |
|  |  | Charles Fox, for brick clay, for puddling, | 900 |  |
|  |  | James Cook, for hauling main, per contract," | $74,00$ |  |

, Wages of workmen, for August, - - - - - - - J. P. Morris \& Co., repairs to proving press, James Cook, for hauling 30 inch pipe, per contract, - - A. Scott, for hauling surplus earth from pipe trench, - - Wages of workmen, for September, - ${ }^{-1}$ Clifford Smith, for ditto, September 1, 1850,
J. Harper, for bricks to repair culverts, - - - -

Charles Fox, for brick clay, for puddling, - . - . -
James Cook, for hauling main, per contract,"






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## Account of Iron Pipes.

Iron Pipes laid in former years, commencing in October, 1819, to Desember 31, ft. 410,285
1849,


The number of feet of Iron Pipes, now laid in the City, of each size, is as follows:-

| Of 11/2 | inches | diameter, | 2,258 | feet |
| :---: | :---: | :---: | :---: | :---: |
| ${ }^{1}$ | \% | " | 113,532 | " |
| 4 | " | " | 24,821 | 6 |
| 6 | 6 | c | 170,586 | * |
| 8 | * | c | 9,745 | ${ }^{6}$ |
| 10 | 6 | ${ }_{6}$ | 40,668 | ${ }^{6}$ |
| 12 | 6 | c | 23,646 | ${ }^{6}$ |
| 16 | 6 | ${ }^{6}$ | 10,553 | ${ }^{6}$ |
| 20 | c | * | 20,245 | 6 |
| 22 | * | c | 2,661 | ${ }^{6}$ |
| 80 | ${ }^{6}$ | * | 13,821 | c |
|  |  | Together, | 432,536 | ${ }^{6}$ |

There are now 648 Plugs, and 809 Public Hydrant Pumps in the City.

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| The T | Quantity of Water supplied from Fairmount, during the year 1850, is as follows :- |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Janaary, | 105,788,605 | ale gallons, | equal | an average of | 3,41,53i | ns per day. |
| February, | 0,721,815 | " | " | " | 3,24,064 | " " |
| March, | 123,030,870 | " | " | " | 8,98,857 | " " |
| April, | 129,283,540 | " | " | " | 4,30,461 | " " |
| May, | 122,50, 525 | " |  | " | 4,58,404 | " " |
| June, | 182,782,410 | " |  | " | 8,02,080 | " " |
| July, | 193,683,40 | " | " | " | e,24,209 | " " |
| Angust, | 173,419,270 | " | " | " | 5,54,138 | " " |
| Soptember, | 104,084,325 | " | " | " | 5,126,14 | " " |
| October, | 173,300,250 | " | " | " | 8,500,624 |  |
| November, | 148,788,581 | " | " | " | 4,960,568 |  |
| Deoembor, | 132,535,045 | " | " | " | 4,76,324 |  |
|  |  | alons, |  |  |  |  |

During the great Fire, in July, there passed into the city and lower districts, in the first seven hours that the fire was burning, $2,347,845$ ale gallons.

The population of the City and lower Districts, per the census of 1850 , is as follows:-

$$
\begin{array}{llllr}
\text { In the City Proper, } & - & - & - & 121,417 \\
\text { In Southwark, - } & - & - & - & 38,799 \\
\text { In Moyamensing, } & - & - & - & 26,979
\end{array}
$$

187,195
The average supply of water, given above, viz., $4,785,338$ gallons per day, would therefore be equal to $25 \frac{56}{100}$ gallons per day, to each individual.

## ATER WORKS.

## REMARKS.

ree years from January 1, 1801, without charge.
,352 09.
oduced.
e inhabited part of the City.
ne. ald
the old ones, which were of wood, being rotten. Cast iron boiler burst-put wrought iron flues
ngine, $\$ 6,254$ 36, and Centre Square Engine, $\$ 7,552$ 87-together, $\$ 13,80723$ per annum.
uare, they not having any previously.
5 Fire Plugs.
Districts, passed the Legislature, February 16, 1813.
0007 , Centre Square, $\$ 13,74018$-together, $\$ 25,64025$, to raise 793,250 gallons per day. oir, No. 1, finished, cost $\$ 32,508$.
oad. These were the first iron pipes similar to those now used, and were imported from England. ne 20th. Committee resolved to lay iron pipes in future. Cherry street Work Shop erected. ommittee approved of the plan of Distribution by iron pipes, as devised by F. Graff, January 26, 1819. n pipes, of large size, cast in America.
pted January, 1821, up to this time the Rents were received by the City Clerk. Reservoir, No. 2,
[finished, cost \$9,579.
6,000.
athwark.
hed, cost $\$ 24,521$.
dings taken down.
signed October 10, 1831.
5, 1832. First 22 inch Main taken up and relaid upon the Railroad.
of the purity of the Schuylkill Water, passed the Legislature, December 20, 1834.
arted Wheels, Nos. 7 and 8, August 24, 1843 ; put in a new set of Floom Head Gates.
and Kensington, Deoember 31, 1844.
years, from January 1, 1845.
rk, July 14, 1846.
nlarged the Garden, and put up Iron Railing.
estnut to Spruce street.
at to Delaware Front atreet, July 5, 1849
rech streets.

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By the late census, it appears that there are in the City Proper, - - - - - 16,274 houses. Southwark, - - - - 6,451 " Moyamensing, - - - - 4,096 " Together, 26,821 "

There are now upon the Books of the Fairmount Works, in the City, - - - - 17,913 water tenants. Southwark, - - - 4,453 " " Moyamensing, - - 2,184 " "

Together, 24,550 water tenants,
who pay for a supply of water. Showing that the number of water tenants, in the City, are about one per cent. greater than the number of houses.

That in the district of Southwark, the number of tenants are about thirty-one per cent. less than the number of houses, and in the district of Moyamensing, they are about $46 \frac{2}{3}$ per cent. less.

The number of tenants upon the Books, who pay for the water, including factories, \&c., \&c., is 24,550 . The amount of water rents paid into the City Treasury, for 1850, was $\$ 132,59231$, equal to an average rent of $\$ 540 \frac{1}{10}$ for each water tenant.

> FREDERICK GRAFF, Superintendent Fairmount Water Works.

December 31, 1850.

| Month. | Yea | Benjamin Franklin was the first person known to have urged the necessity of a supply of water in Philadelphia. In |
| :---: | :---: | :---: |
|  |  | The first petitions were handed to Councils, asking for the introduction of pure water into the city. |
| Jan'y 31, | 1798 | Councils offered $£ 50,000$, for one-half of the water of the Delaware and Schuylkill Canal, which offer was rejected by the Canal Company. |
| July |  | H. B. Latrobe surveyed Spring Mill Creek, with a view of bringing its waters into the city, in an aqueduct twelve miles long-and made a report thereon to Councils. |
| January, | 179 | Mr. Latrobe's plan for the Centre Square and Schuylkill Chestnut St. works was adopted. On |
| May 2, | 179 | These works were co |
| Jan'y 21, | 180 | The first water was supplied from them |
|  | 181 | They became inadequate to the wants of the city. |
| Oct. 24, | 181 | Councils directed the Watering Committee to enquire for a better method of supplying the city; with this object they again turned their attention to the Delaware and Schuylkill Canal plan, but again rejected it. |
| Dec. - 18, | 18 | Frederick Graff and John Davis made surveys of Wissahickon and Spring Mill Creeks, and of the Schuylkill river, generally, and reported in favor of steam works at Fairmount ; which report was adopted, and |
| Aug. | 1812, | The steam works at Fairmount were commenced. |
| Sept. 7, | 1815, | They first commenced supplying the city-when the use of the Centre Square works was discontinued. |
| April 8, | 1819, | Councils resolved to erect water power works at Fairmount. |
| April 19, | 181 | The building of the dam was commenced, and on |
| July 25, | 1821, | The water first flowed over it. |
| April 28, | 1821, | The corner stone of the present Mill Buildings was laid. |
| July 1, | 18 | The first wheel and pump was started to work to supply the city. |
| Oct. 25, | 1822, 1829, | The use of the steam works at Fairmount was discontinued. <br> The buildings at Centre Square were taken down. |
|  | 1829, | The buildings at Centre Square were taken down. The re-buiining of the dam from low tide upward |
| April 2, |  | was commenced, and |
| Dec. 6, | 1843, | It was finished. |
| Nov. 30, | 1850, | Thirty-inch main finished, from Fairmount to De laware Second and Arch streets. |

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Total Cost of all the Works from the first old Steam Works, at Centre Square, commenced March 1799, with yearly Expenditure added, to December 31, 1850, - - - - \$3,081,886 77

Cost of Steam Works, Centre Square, with the yearly expenses added, from March 1799, to September 7, 1815, when the Steam Works at Fairmount were started, $\$ 657,39891$
Cost of Steam Works at Fairmount, with yearly Expenses added, from Aug. 1812, when they were commenced, to July 1,1822 , when the water power works were started, - 809,318 04
Cost of Water Power Works
from July 1, 1822, with yearly Expenses added, to December 31, 1850, - - - 1,615,169 82 $\$ 3,081,88677$

The total cost of the Reservoirs at Fairmount, was as follows:-

| Reservoir No. 1, | - | - | $-\$ 32,508$ |
| ---: | ---: | ---: | ---: |
| Do No. 2, | - | - | - |
| Do | No. 3, | - | - |
| Do | - | 24,521 |  |
| Do. 4, | - | - | - |
|  |  |  | 67,214 |
|  |  |  | $\$ 133,822$ |

> FREDERICK GRAFF, Superintendent Fairmount Water Works.

December 31, 1850.
,

# AN <br> <br> ABSTRACT OF THE ACCOUNTS 

 <br> <br> ABSTRACT OF THE ACCOUNTS}

REPT IN THE
OFFICE OF THE WATERING COMMITTEE

## CITY HALL,

FOR AND DURING THE YEAR 1850.
( 38 )
No. 1.
STATEMENT
Setting forth the Amount of Revenue received from Water Rents, the Cost of Collection, the Appropriation by Councils to the Watering Committee, and the Amount Expended during the year 1850.

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Appropriated by Councils:-


## ( 40 )

No. 2.

## Amount of Cash received by the Register of the Watering Committee, and paid into the City Treasury, during the year 1850.



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No. 3.

Statement of the Amount of Money appropriated by Councils to the Watering Committee, and the Amount Expended by them, under the several heads of Accounts, as kept by the Register of the Watering Committee.

|  | Dolls. ${ }^{\text {C. }}$ | Dolls. |
| :---: | :---: | :---: |
| Amount Appropriated by Councils :- |  |  |
| As per Estimate in Report of 1849, to wit:- |  |  |
| Distribution, | 350000 |  |
| Water Power, | 280000 |  |
| Iron Pipes, | 1100000 |  |
| Fairmount Works, | 610000 |  |
| Incidentals, | 180000 |  |
| Salaries, - | 392500 |  |
| Thirty Inch Main, | 10890939 |  |
| Amount Expended by Committee :- |  |  |
| Distribution, | 318377 |  |
| Water Power, | 242051 |  |
| Iron Pipes, | 1065663 |  |
| Fairmount Works, | 538440 |  |
| Incidentals, - | 167278 |  |
| Salaries, - - | 392500 |  |
| Thirty Inch Main, | 10424308 |  |
| Additional Reservoirs, | 34005 | 1818262 |
| Amount Unexpended, |  | 6208\|17 |

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## No. 4.

Statement showing the List of Water Rents payable to the Register, in the Office, City Hall, on the 1st day of June, 1851.

|  | $\begin{array}{r} \text { Dolls. } \\ 7500_{00}^{(x .} \end{array}$ |
| :---: | :---: |
| Joseph S. Lovering \& Co., No. 27 Church alley, Jrustes of the Philadelphis Gas Works, | $\begin{aligned} & 750 \\ & 6000 \\ & \hline 00 \end{aligned}$ |
| Robert E. Matheys, Sansom street, above Sixth, | 25200 |
| George L. Broom, 13 Bread street, | 25000 |
| Feltus \& Zimmarling, Zane st., west of Seventh, | 25000 |
| Thomas Drake, south-west cor. Schuylkill Second and Pine streets, - | 20100 |
| Hulings Cowperthwait, Artisan Buildings, Ranstead Place, - | 18000 |
| United States Mint, north-west corner of Chestnut and Juniper streets, | 16500 |
| Howell \& Brothers, north-west corner Howell and |  |
| Schuylkill Fourth street, | 14000 |
| Dr. J. Davidson, Arcade, second story | 13800 |
| Smith \& Seckel, north-west corner of Minor and |  |
| Fifth street, - - | 12800 |
| E. \& D. Ford, 83 Race street | 12500 |
| Samuel Smyth, Ashton, near Vine street, - | 12500 |
| Poultney, Collins \& Massey, north-west corner of Tenth and Filbert streets, | 12450 |
| David Milne \& Son, Lombard, west of Schuylkill |  |
| Fifth street, | 12000 |
| John K. Murphy, 68 south Twelfth street, | 10000 |
| James Maxwell, 460 Cedar street, | 10000 |
| William McMackin, 30 Dugan street, | 10000 |
| John Perry, 14 Ann street, above Twelfth St., - | 10000 |
| Washington House, Chestnut St., above Seventh, | 10700 |
| Merchants Hotel, north Fourth street, | 10500 |
| Committee on Police, Filbert, above Schuylkill | 1000 |
| Committee on Police, Cherry, west of Fourth, - | 1000 |
| Committee on Police, Union, east of Fourth St., | 1000 |
| Committee on City Property, | 3600 |
|  | 422650 |

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## No. 5.

Statement showing the Settlement of the Duplicates of the City Water Rents, for the year 1850.

| Amount of Duplicates for 1850, as per <br> last Report No. 7, <br> For additions to charges on Duplicates, |  | Dolls. ${ }^{\text {C }}$. |
| :---: | :---: | :---: |
| From which deduct- |  | 9472 |
| Collectors' Commissions, | 284760 |  |
| Amount returned unpaid by Thomas Millar, - - \$735 50 |  |  |
| Do do W. W. Smith, - 21250 |  |  |
| Do do Wm. Patten, - 65150 |  |  |
| Do . do G. W. Gillingham, 33350 |  |  |
| 193300 |  |  |
| $\begin{array}{llll}\text { Less amount received by the } \\ \text { Register, } & -\quad-\quad-136900\end{array}$ | 56400 |  |
|  |  |  |
| Amount paid into the City Treasury, |  | 9136115 |
| Of which, was paid- |  |  |
| By Thomas Millar, Collector, | 2328526 |  |
| " William W. Smith, do - | 2329742 |  |
| " William Patten, do - | 2177415 |  |
| George W. Gilnggam, do - |  |  |
|  | 8999215 |  |
| By Register, as per Account No. 2, - | 136900 | 9136115 |

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## No. 6.

Statemant of the Settlement of the Balance of unpaid Water Rents for the year 1850, as returned by Collectors, and allowed to them by the Committee; and also Balance of Water Rents, for the years 1848 and 1849, in suit.


## ( 45 )

## No. 7.

Statement showing the Amount of the Duplicates of Water Rents, for the year 1851.


## ( 46 )

## No. 8.



## ( 47 )

No. 9.

Statement of the Settlement of the Duplicate of Water Rents, charged to the District of Southwark, for the year 1850, as per last Report No. 8, the quantity of Iron Pipes laid, and the number of Fire Plugs erected in the District, to the year 1850, inclusive.

| Amount of Duplicates for 1850, Deduct for reductions on small houses, | $\begin{array}{\|l\|l\|} \hline \text { Dollls. } & C \\ 21135 & 67 \\ 57 & 50 \end{array}$ | Dolls. ${ }^{\text {C. }}$ |
| :---: | :---: | :---: |
| Add, for re-assessment by Committee, | $\begin{array}{r}2107817 \\ 750 \\ \hline 1\end{array}$ |  |
| Less 15 per cent., as per agreement, - | 2108567 316284 |  |
| Amount paid to the City Treasurer, by the Treasurer of the District of Southwark, |  | 1792283 |
| Iron Pipes laid to December 31, 1849, Iron Pipes laid during the year 1850, | $\begin{array}{l\|l\|} \hline \hline \text { Feet. } & \overline{I n} \\ 74848 & 04 \\ 6576 & 10 \end{array}$ |  |
|  | 8142502 |  |

Say $155-12$ ths miles.
170 Fire Plugs.

## ( 48 )

No. 10.

Statement of the Settlement of the Duplicate of Water Rents, charged to the District of Moyamensing, for the year 1850, as per last Report No. 8, the quantity of Iron Pipes laid, and the number of Fire Plugs erected in the District, to the year 1850, inclusive.

| Amount of Duplicates for 1850, Deduct for reductions on small houses, | $\left.\begin{array}{\|r\|} \hline \text { Dolls. } \mid \text { C. } \\ 9723 \\ 50 \end{array} \right\rvert\,$ | Dolls. ${ }^{\text {C }}$. |
| :---: | :---: | :---: |
|  | $\begin{array}{r}9750 \\ \hline\end{array}$ |  |
|  | 962600 |  |
| Less 15 per cent., as per agreement, - | 144390 |  |
| Amount paid to the City Treasurer, by the Treasurer of the District of Moyamensing, |  | 818210 |
| Iron Pipes laid to December 31, 1849, Iron Pipes laid during the year 1850, | Feet. ${ }^{\text {In }}$ |  |
|  | 4682506 |  |
|  | 937800 |  |
|  | 5620306 |  |

Say 10 8-12ths miles.
114 Fire Plugs.
( 49 )

No. 11.

Statement of the Amount of Water Rents paid to the City Treasurer, by the Treasurer of the Girard Estates, and the Settlement of the Water Rents, payable to the Register, as per last Report No. 4.

| Amount paid by the Treasurer of the Girard Estates to the City Treasurer, as per last Report No. 8, | Dolls. C. <br> 116700 |
| :---: | :---: |
| Amount paid by the Register of the Watering Committee to the City Treasurer, \$4,408 25 Amount allowed M. Lewis \& Co., in settlement of their bill of Water Rents ; the same having been charged on one of the Duplicates, and paid to the Collector, |  |
| The whole Amount as per last Report No 4, | 4525.50 |

## ( 50 )

No. 12.

Statement of the number of Dwellings, \&c., \&c., in the District of Moyamensing, supplied with the Schuylkill Water, to the 31st of December, 1850, with the Amount of Water Rent due for 1851, as per Report No. 8.


## 51 )



## ( 52 )

No. 13.
Statement of the number of Dwellings, fc., in the District of Southwark, supplied with the Schuylkill Water, to the 31st of December, 1850, with the amount of Water Rent due for 1851, as per Report No. 8.



## ( 54 )

| Amount brought forward, | D. ${ }^{\text {C. }}$ |  | $\begin{array}{l\|l} \hline \text { Dolls. } & \text { C. } \\ 21600 & 50 \end{array}$ |
| :---: | :---: | :---: | :---: |
| 1 Distillery, - - | 4000 | 4000 |  |
| 1 Do | 5000 | 5000 |  |
| 1 Marine Railway, | 500 |  | 500 |
| 1 Navy Yard, - | 7500 | 7500 |  |
| 1 Officer's Quarters, | 500 | 500 |  |
| 1 Marine Do | 1400 | 1400 |  |
| 1 Barber Shop, | 300 | 300 |  |
| 1 Do | 400 | 400 |  |
| 2 Do | 500 | 1000 |  |
| 1 One horse power high pressure Steam Engine, | 300 | 300 |  |
| 3 Two horse power high pressure Steam Engine, | 600 | 1800 |  |
| 1 Three horse power high pressure Steam Engine and Factory, - | 1400 | 1400 |  |
| 1 Four horse power high pressure Steam Engine, - | 1200 | 1200 |  |
| 1 Five horse power high pressure Steam Engine, - | 1500 | 1500 |  |
| 1 Twelve horse power high pressure Steam Engine and Foundry, | 5600 | 5600 |  |
| 1 Twelve horse power high pressure Steam Engine and Foundry, | 9000 | 9000 |  |
| 1 Fifteen horse power high pressure Steam Engine, and | 11000 |  |  |
| 1 Twenty horse power high pressure Steam Engine and Planing Mill, | 11000 |  |  |
| 1 Forty horse power high pressure Steam Engine and Foundry, | 13000 | 13000 |  |
| 1 Steam Engine and Factory, | 3067 | 3067 | 47867 |
|  |  |  | 2228517 |

## ( 55 )

## No. 14.

Statement showing the number of Dwellings, \&c., in the City of Philadelphia, supplied with the Schuylkill Water, to the 31st of December, 1850, with the Amount of Water Rent due for 1851, as per Report No. 8.


## 56 )




58 )


## ( 59 )



## ( 60 )



## ( 61 )


( 62 )


## ( 63 )



## ( 64 )




Amounts brought forward,
4 Four horse power high pressure Steam Engines,
1 Four horse power high pressure Steam Engine, \&c.,
1 Four horse power high pressure Steam Engine, \&c.,
4 Four horse power high pressure Steam Engines, \&c.,
6 Four horse power high pressure Steam Engines, \&c.,
1 Four horse power high pressure Steam Engine and Factory,
2 Four horse power high pressure Steam Engines, \&c.,
1 Four horse power high pressure Steam Engine and Printing Office,
3 Four horse power high pressure Steam Engines, \&c.,
2 Four horse power high pressure Steam Engines, \&c.,
1 Four horse power high pressure Steam Engine and Bakery,
2 Five horse power high pressure Steam Engines,
1 Five horse power high pressure Steam Engine, \&c.,
1 Five horse power high pressure Steam Engine, \&c.,
2 Five horse power high pressure Steam Engines and Shop,
1 Five horse power high pressure Steam Engine, \&c.,
2 Five horse power high pressure Steam Engines, \&c.,
3 Five horse power high pressure Steam Engines, \&c., Amounts carried forward,


Amounts brought forward,
3 Five horse power high pressure Steam Engines, \&c.,
1 Five horse power low pressure Steam Engine and Brewery,
1 Six horse power high pressure Steam Engine,
1 Six horse power high pressure Steam Engine and Shop,
1 Six horse power high pressure Steam Engine and Lamp Factory,
1 Eight horse power high pressure Steam Engine and Shop,
1 Eight horse power high pressure Steam Engine, \&c.,
1 Eight horse power high pressure Steam Engine and Factory,
1 Eight horse power high pressure Steam Engine and Brewery,
1 Ten horse power high pressure Steam Engine and Bakery,
1 Ten horse power high pressure Steam Engine, and Printing Office,
1 Twelve horse power high pressure Steam Engine and Distillery,
2 Twelve horse power high pressure Steam Engines, \&c.,
1 Twelve horse power high pressure Steam Engine, and Dye House,
1 Twelve horse power high pressure Steam Engine and Dye House,

Amounts carried forward,

| $\overline{D . \mid C .}$ | $\begin{array}{\|l\|l\|l\|} \hline D . \\ \hline 1400 & 50 \\ \hline \end{array}$ | $9982125$ |
| :---: | :---: | :---: |
| 4000 | 12000 |  |
| 8000 | 8000 |  |
| 2000 | 2000 |  |
| 2800 | 2800 |  |
| 5800 | 5800 |  |
| 2900 | 2900 |  |
| 31150 | 3150 |  |
| 3400 | 3400 |  |
| 9400 | 9400 |  |
| 4200 | 4200 |  |
| 7450 | 7450 |  |
| 4100 | 4100 |  |
| 4600 | 9200 |  |
| 5000 | 5000 |  |
| 5100 | 5100 |  |
|  | 2245 \|50 | 99821 25 |

## ( 68 )

Amounts brought forward,
1 Twelve horse power high pressure Steam Engine and Dye House, - -
1 Fifteen horse power high pressure Steam Engine, \&c., - - -
1 Fifteen horse power high pressure Steam Engine and Hall,
1 Eighteen horse power high pressure Steam Engine, -
1 Twenty horse power high pressure Steam Engine and Saw Mill,


1 Twenty horse power high pressure Steam Engine, \&c.,
1 Twenty horse power high pressure Steam Engine and Foundry,
1 Twenty-five horse power high pressure Steam Engine and Dye House,
1 Thirty horse power high pressure Steam Engine, -
1 Thirty horse power high pressure Steam Engine \&c.,

1 Five horse power high pressure Steam Engine and Brewery,
1 Five horse power high pressure Steam Engine and Brewery,
1 Ten horse power high pressure Steam Engine and Sugar Refinery
1 Fifteen horse power high pressure Steam Engine and Sugar Refinery, Amounts carried forward,

|  | D. $\mid$ C. <br> 16500 |  |  |
| :---: | :---: | :---: | :---: |
| 1 Ten horse power high pressure Steam Engine and <br> 1 Thirty horse power high |  |  |  |
| 1 Thirty horse power high pressure Steam Engine, use of Mint, |  | 1650 |  |
| Twenty-five horse power high pressure Steam Engine and Factory, - |  |  |  |
| Twenty-five horse power |  |  |  |
| high pressure Steam Engine and Factory, |  | 12500 |  |
| 1 Thirty horse power high pressure Steam Engine and Distillery, | 12500 | 12500 |  |
| 1 Thirty horse power high pressure Steam Engine and Paper Factory, | 14000 |  |  |
| 1 Forty horse power high pressure Steam Engine and Artisan Building, |  |  |  |
| 1 Forty-five horse power high pressure Steam Engine and Sugar Refinery, |  |  |  |
| 1 Sixty-seven horse power high pressure Steam Engine, | 20100 | 20100 |  |
| Amount of Duplicates for the City, |  |  | 105367\|25 |

114 Steam Engines of 936 Horse Power.

> GEORGE W. McMAHAN,
> Register of the Watering Committee.

January 1, 1851.

## ( 71 )

## APPENDIX.

The several Statements, lettered $\mathbf{A}$ to $\mathbf{Q}$, inclusive, comprise, in detail, the number of Dwellings, Manufactories, Steam Engines, \&c., in each Ward, in the City of Philadelphia, supplied with the Schuylkill Water, to the 31st of December, 1850, and the Amount of Water Rent due for the year 1851.

Respectfully submitted, GEORGE W. McMAHAN, Register.

January, 1851.

## ( 72 )

## A.

Duplicate of UPPER DELAWARE WARD, for 1851.


## ( 73 )



## ( 74 )

B.

Duplicate of NORTH MULBERRY WARD, for 1851.

| $\begin{gathered} 301 \\ 749 \\ 410 \\ 16 \end{gathered}$ | Single Dwellings, Dwellings, hydrant each, |  | $\bar{D} \cdot \left\lvert\, \begin{gathered} C= \\ 50 \end{gathered}\right.$ |  | Dolls. ${ }^{\text {C }}$. 75250 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 500 | 374500 |  |
|  | Do | and baths, - |  | 328000 |  |
|  |  | and wash pave- |  | 12800 |  |
| 9 | Do | baths and water closets, |  | 8100 |  |
| 117 | Do | baths and washpavements, |  | 128700 |  |
| 23 | Do | baths, wash pavements and water closets, | 1200 | 27600 |  |
|  | Do | bath and two water closets, | 1000 | $1000$ |  |
| 1 |  | and two attachments, |  | 1000 |  |
| 3 | Do | baths, wash pavements, water closets \& basins, | 1300 | 3900 |  |
| 2 | Do | baths, wash pavements, water closets and basins, | 1400 | 2800 |  |
| 1 | Do | two baths, washpavement, water closet, and three basins, | 1800 | 1800 |  |
| 2 | Do | baths \& bakeries, | 1100 | 2200 |  |
| 9 | Do | and bakery, - | 800 | 7200 | 899600 |
|  | Barber | hop, | 300 | 300 |  |
| 3 | Barber | hops, - |  | 1500 | 1800 |
|  | Drug St | re, | 250 | 250 |  |
|  | Drug St | res, - | 500 | 1000 | 1250 |
|  | Oyster C | ellar, - | 500 | 500 |  |
|  | Bottling | Cellars, | 500 | 1000 | 1500 |
|  | Amoun | t carried forward, |  |  | 979400 |

## ( 75 )




Amount of Collector's Duplicate, - $\$ 10,61350$
Water Rents payable to Register, - - 13000
Delinquents in advance for 1851, - - 6900
Permits in Dec. 1850 in advance for 1851 , 500
$\$ 10,81750$

## C.

Duplicate of LOWER DELAWARE WARD, for 1851.

|  | $T$ | $\overline{l s .10}$ |
| :---: | :---: | :---: |
| 142 Single Houses, - <br> 4 Tenements, |  |  |
|  |  | 367 |
| ding | 500236000 |  |
| Do and wash basin, | 600600 |  |
| mounts carried forward, | 2366 00 |  |

## ( 77 )

|  | Amounts | brought forward, | D. C. | $\begin{array}{c\|c} \hline D . \mid C \cdot \\ 236600 \end{array}$ | $\begin{array}{r} \hline \text { Dolls. C. } \\ 36700 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Dwellings | and water closets, | 600 | 3000 |  |
| 1 | Do | \& two wash basins, | 700 | - 700 |  |
| 1 | Do | water closet and two wash basins, |  | 800 |  |
| 10 | Do | two wash basins, \& wash pavements, | 800 800 | 800 8000 |  |
| 137 | Do | and baths, - - | 8001 | 109600 |  |
| 3 | Do | baths and water |  |  |  |
|  |  | closets, - | 900 | 2700. |  |
| 1 | Do | bath and two wa- |  |  |  |
|  |  | ter closets, | 1000 | 1000 |  |
| 11 | Do | baths and wash |  |  |  |
|  |  | pavements, | 1100 | 12100 |  |
| 2 | Do | baths, wash pave- |  |  |  |
|  |  | ments \& basins, | 1200 | 2400 |  |
| 3 |  | baths, wash pave- |  |  |  |
|  |  | ter closets, | 1200 | 3600 |  |
| 1 |  | two baths, wash pavement and |  |  |  |
|  |  | water closet, - | 1500 | 1500 |  |
| 1 | Do | bath, wash pave- |  |  |  |
|  |  | ment \& garden, | 1600 | 1600 |  |
| 4 | Do | and bakeries, - | 800 | 3200 |  |
| 1 | Do | bath and bakery, | 1100 | 1100 |  |
| 1 |  | bath, wash pavement \& bakery, | 1400 | 1400 |  |
|  | Drug St | re, - - - | 250 | 250 |  |
| 2 | $\mathrm{D}_{0}$ | - - - | 500 | 1000 |  |
| 1 | Do | - - - | 1500 | 1500 |  |
|  | Filtering | Store, | 1000 | 1000 |  |
| 1 | Oyster | ellar, | 1000 |  | 1000 |
| 13 | Hotels, | , | 1500 | 19500 |  |
| 2 | Do | - - - | 2000 | 4000 |  |
| 1 | Do | - - - | 2100 | 2100 |  |
| 1 | Do | - - - - | 4000 | 4000 |  |
| 1 | Do | - - - | 4700 | 4700 |  |
| 1 | Do | - - - - | 5300 | 5300 |  |
| 1 | Stable, | - - - - | 200 | 200 |  |
| 1 | Do | - - - - | 300 | 300 |  |
|  | Amount | carried forward, |  | 500 | 470350 |

## ( 78 )



## ( 79 )

Amounts brought forward,
1 Three horse power high pressure Steam Engine and Foundry,
2 Four horse power high pressure Steam Engines and Factories,
1 Four horse power high pressure Steam Engine and Factory,
1 Four horse power high pressure Steam Engine and Printing Office,
1 Five horse power high pressure Steam Engine,
1 Five horse power high pressure Steam Engine,
1 Five horse power high pressure Steam Engine and Lamp Factory,
1 Ten horse power high pressure Steam Engine and Bakery
1 Eighthorse power high pressure Steam Engine and Brewery,
1 Twenty horse power high pressure Steam Engine and Saw Mill,
1 Twenty horse power high pressure Steam Engine and Foundry,
1 Fifteen horse power high pressure Steam Engine and Sugar Refinery,

$\begin{array}{llll}\text { Amount of Collector's Duplicate, } \quad-\quad \$ 5,55450 \\ \text { Water Rents to Register, } & -\quad 26000\end{array}$
Permits in Dec. 1850 in advance for 1851, 2500
Delinquents in advance for 1851, - - 7800
$\$ 5,91750$

## ( 80 )

## D.

Duplicate of SOUTH MULBERRY WARD, for 1851.


## 81 )



## ( 82 )



## ( 83 )

## E.

Duplicate of HIGH STREET WARD, for 1851.

|  | Single Dwellings, |  |  | $\begin{aligned} & \hline \text { Dolls. } C \\ & 13750 \\ & 5 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | Dwellings and Stores, |  | 193500 |  |
| 6 | Do and wash basins, | 600 | 3600 |  |
| 9 | Do and water closets, | 600 | 5400 |  |
| 1 | Do \& 2 water closets, | 700 | 700 |  |
|  | Do water closet and | 700 | 700 |  |
| 1 | Do water closet and two basins, |  | 800 |  |
| 4 | Do and bakeries, | - 800 | 3200 |  |
| 7 | Do and wash pave- | 800 |  |  |
| 52 | Do and baths, - | 800 | 41600 |  |
| 2 | Do \&c., - - | 750 | 1500 |  |
| 6 | Do bath \& water closet, | 900 | 5400 |  |
| 1 | Do bath and basin, - | 900 | 900 |  |
|  | Do basin, \&c., - - | 850 | 850 |  |
|  | Do two basins and water closets, | 900 | 900 |  |
|  | Do baths and washpavements, | 1100 | 15400 |  |
|  | Do baths, do and water closets, | 1200 | 3600 |  |
|  | Drug Store, | 250 | 250 |  |
|  | Drug Store, | 500 | 500 |  |
|  | Store, | 400 | 400 |  |
|  | Stores, | 1000 | 6000 | 7150 |
|  | Shop, | 200 | 200 |  |
|  | Shop, | 250 | 250 |  |
|  | Work Shops, | 500 | 1000 |  |
|  | Work Shop, | 1000 | 1000 |  |
|  | Barber Shops, | 500 | 1000 |  |
|  | Churches, | 500 | 2000 |  |
|  | . Do | 750 | 750 |  |
| 1 | Do | 800 | 800 | 3550 |
|  | Amount carried forward, |  |  | 311550 |

## ( 84 )

| Amount brought forward, | D. ${ }^{\text {C. }}$ | D. $C$. | Dolls. |
| :---: | :---: | :---: | :---: |
| 1 Bank, - - | 500 |  | 500 |
| 1 School, | 1300 |  | 1300 |
| 1 Rail Road Depot, | 1250 |  | 1250 |
| 3 Taverns, - - | 1000 | 3000 |  |
| 6 Taverns, - | 1500 | 90.00 |  |
| 1 Hotel, - | 2000 | 2000 |  |
| 1 Do | 2500 | 2500 |  |
| 1 Do | 3000 | 3000 |  |
| 1 Do | 4500 | 4500 |  |
| 1 Hotel and Stable, | 6000 | 6000 |  |
| 1 Do do - | 6100 | 6100 |  |
| 2 Stables, | 200 | 400 |  |
| 2 Do | 400 | 800 |  |
| 1 Do | 500 | 500 |  |
| 1 Do | 1000 | 1000 |  |
| 1 Do | 2500 | 2500 |  |
| 1 Oyster Cellar, - | 500 |  | 500 |
| 1 Market Stall, - | 1500 | 1500 |  |
| 1 Use of Fire Plug to try new hose, | 1000 | 1000 |  |
| 2 Factories, - - | 500 | 1000 |  |
| 2 Dye Houses, - - | 1000 | 2000 |  |
| 1 Bindery, - - | 2000 |  | 2000 |
| 1 Distillery, | 800 | 800 |  |
| 1 Distillery, | 1500 | 1500 |  |
| 1 Steam Boiler, - - - | 500 | 500 |  |
| 1 One horse power high pressure Steam Engine and Shop, | 800 | 800 |  |
| 1 Two and a half horse power high pressure Steam Engine, \&c., | 1200 | 1200 |  |
| 1 Two horse power high pressure Steam Engine and Printing Office, | 4100 | 4100 |  |
| 1 Three do do and Bindery, | 2900 | 2900 |  |
| Amounts carried forward, |  | 9500 | 3662 |


| Amounts brought forward, | D. ${ }^{\text {C. }}$ | $\begin{array}{r\|c\|\|} \hline D_{.} \\ 9500 \end{array}$ | $\begin{array}{r\|r} \hline \text { Dolls. } & \text { C. } \\ 3662 & \end{array}$ |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| 2 Four horse power high pres- |  |  |  |
| Foundry, - - | 1700 | 3400 |  |
| 1 Four horse power high pres- |  |  |  |
| sure Steam Engine and |  |  |  |
| 1 Lamp Factory, -- | 2700 | 2700 |  |
| 1 Five horse power high pressure Steam Engine \& Shop, | 2000 | 20.00 |  |
| 1 Five horse power high pressure Steam Engine \& Shop, | 2700 | 2700 |  |
| 1 Fifteen horse power high pressure Steam Engine and Hall, | 9000 | 9000 |  |
| 1 Forty-five horse power high pressure Steam Engine and Sugar Refinery, | 75000 | 75000 |  |
|  |  |  | 104300 |
| 1 Hotel, - | 10500 |  | 10500 |
|  |  |  | 481000 |


| Amount of Collector's Duplicate, | - | $\$ 3,77000$ |  |
| :--- | :--- | :--- | :--- |
| Rents payable to Register, | - | - | -85500 |
| Girard Estate Water Rents, | - | -13400 |  |
| Delinquents in advance for 1851, | - | $-\quad 5100$ |  |
|  |  | $\$ 4,81000$ |  |

## F.

Duplicate of NORTH WARD for the year 1851.

| 206 Single Dwellings, |  | [lls. ${ }^{\text {C. }}$ |
| :---: | :---: | :---: |
| 4 Tenements, - | 3001200 |  |
| 520 Dwellings and Stores, | 500260000 |  |
| 5 Do basins, - | $600 \quad 3000$ |  |
| mounts carried forward, | $\underline{2630} 00$ | 52700 |

## ( 86 )




## ( 88 )



## ( 89 )


Amount of Collector's Duplicate, - $\$ 8,44450$

## G.

Duplicate of CHESTNUT WARD, for the year 1851.

| 12 Single Dwellings, |  | $\overline{\text { Dolls. } \mid \text { C. }}$ |
| :---: | :---: | :---: |
| 1 Tenement, - | $300 \quad 300$ |  |
| 285 Dwellings and Stores, - | 500142500 |  |
| 10 Do and water closets, | $600 \quad 6000$ |  |
| Amounts carried forward, | 1485 \|00 | 33,00 |

## ( 90 )



## ( 91 )




Amount of Collector's Duplicate, - $\$ 4,11500$

## ( 93 ) <br> H. <br> Duplicate of MIDDLE WARD, for the year 1851.

|  | Single D | wellings, | $\overline{D .}{ }_{250}^{C .}$ | $\overline{D . \mid C .}$ | $\begin{array}{r} \hline \text { Dolls. }^{\text {C C. }} \\ 40250 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 376 | Dwelling | , - |  | 188000 |  |
| 1 | Do | and water closet, | 600 | 600 |  |
| 1 | Do | and wash basin, - | 600 | 600 |  |
| 181 | Do | and baths, - - | 800 | 144800 |  |
|  |  | and wash pavements, | 800 | 8000 |  |
| 8 | Do | baths and water closets |  |  |  |
| 85 | Do | baths and washpavements, | 1100 | 93500 |  |
| 1 | Do | and extra attachment, | $1000$ |  |  |
| 1 | Do | bath and bakery, | 1100 | 1100 |  |
| 3 | Do | and bakeries, | 800 | 2400 |  |
| 1 | Do | bath, wash pavement \& bakery, | 1400 | 1400 |  |
| 3 | Do | baths, wash pavements \& water closets, | 1200 | 3600 |  |
| 2 | Do | baths, wash pavements, water closets \& basins, | 1300 | 2600 |  |
| 1 | Do | bath, wash pavement and basin, | 1200 | 1200 |  |
| 1 | Do | and green house, | 1300 | 1300 |  |
|  |  | two baths \& wash pavement, | 1400 | 1400 |  |
| 1 | Do | bath, wash pavement, water closet \& 2 basins, | 1400 | 1400 |  |
| 1 | Do | wash pavement, - | 500 | 500 |  |
| 1 Drug Store, |  |  | 250 | 250 |  |
| 4 Drug Stores, |  |  | 500 | 2000 |  |
|  | Tavern, | - - - | 750 | 750 |  |
|  | Tavern, | - - - | 1000 | 1000 |  |
|  | Amount | carried forward, |  | 17 50\| | 503100 |

## ( 94 )

|  | Amounts | brought f | ward, |  | D. ${ }^{\text {C. }}$ | $\begin{array}{\|c\|c\|\|} \hline D_{17} & C . \mid \\ \hline 17 & 50 \end{array}$ | $\begin{array}{r} \hline \text { Dolls. } \\ 5031 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Taverns, | - - | , | - | 1500 | 6000 |  |
| 2 | Hotels, | - - | - | - | 1800 | 3600 |  |
| 2 | Do | - | - | - | 2000 | 4000 |  |
| 1 | Do | - - | - | - | 2600 | 2600 |  |
| 1 | Do | - | - | - | 2800 | 2800 |  |
| 1 | Do | - - | - | - | 3500 | 3500 |  |
| 1 | Do | - - | - | - | 3900 | 3900 |  |
| 1 | Do | - - | - | - | 4800 | 4800 |  |
| 1 | Hotel an | Stables, | - | - | 3150 | 3150 |  |
| 1 | Do | do | - | - | 3800 | 3800 |  |
| 1 | Do | do | - | - | 4500 | 4500 |  |
| 1 | Do | do | - | - | 5400 | 5400 |  |
| 3 | Stables, | - - | - | - | 200 | 600 |  |
| 1 | Do | - - | - | - | 300 | 300 |  |
| 2 | Do | - - | - | - | 400 | 800 |  |
| 14 | Do | - - | - | - | 500 | 7000 |  |
| 1 | Do | - - | - | - | 7.00 | 700 |  |
| 1 | Do | - - | - | - | 1300 | 1300 |  |
| 1 | Do | - - | - | - | 1700 | 1700 |  |
| 1 | Do | - - | - | - | 2400 | 2400 |  |
| 1 | Do | - - | - | - | 3000 | 3000 |  |
| 1 | Do | - - | - | - | 4100 | 4100 |  |
| 1 | Do | - - | - | - | 5100 | 5100 |  |
| 4 | Oyster C | ellars, | - | - | 1000 | 4000 |  |
| 3 | Do | - | - | - | 1500 | 4500 |  |
|  | Barber S | hop, | - | - | 300 | 300 |  |
| 5 | Do | - | - | - | 500 | 2500 |  |
|  | Marble Y | Yards, - | - | - | 500 | 1000 |  |
|  | Marble I | Yard and S | able, | - | 1100 | 1100 |  |
| 2 | Schools, | - | - | - | 500 | 1000 |  |
|  | School, | - | - | - | 1850 | 1850 |  |
|  | Academy | of Fine A | rts, | - | 1950 | 1950 |  |
| 1 | Universit | y, - | , | - | 2300 | 2300 | 0 |
| 7 | Churches | , | - |  | 500 |  | 3500 |
|  | Gymnasi | um, - | - | - | 1000 | 1000 |  |

## ( 95 )



## ( 96 )

## J.

Duplicate of WALNUT WARD, for the year 1851.


## ( 97 )



## ( 98 )

| ount brought forward, |  | $\text { D. } \mid C .$ | $\begin{gathered} \text { Dolls. }_{2627}^{C} \\ 00 \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| 5 Taverns, - - - | 1000 | 5000 |  |
| 6 Do | 1500 | 9000 |  |
| 1 Hotel, | 1700 | 1700 |  |
| 1 Do | 1800 | 1800 |  |
| 7 Do | 2000 | 140:00 |  |
| 1 Do | 2300 | 2300 |  |
| 5 Do | 2500 | 12500 |  |
| 1 Do | 2800 | 2800 |  |
| 1 Do | 2900 | 2900 |  |
| 1 Do | 3000 | 3000 |  |
| 1 Do | 3400 | 3400 |  |
| 1 Do - - | 6400 | 6400 |  |
| 1 Three horse power high pressure Steam Engine, \&c., - | 1200 | 1200 |  |
| 1 Three horse power high pressure Steam Engine and Stereotype Foundry, | $5200$ | 5200 |  |
| 1 Four horse power high pressure Steam Engine, | $1200$ | 1200 |  |
| 1 Four horse power high pressure Steam Engine and Printing Office, | $25\|00\|$ | 2500 |  |
| 2 Five horse power high pressure Steam Engines and Printing Offices, | $3500$ |  |  |
| 2 Five do do - - | 4000 | 8000 |  |
| 1 Twelve do do \& Marble Yard, | 4600 | 4600 |  |
| 1 Public Bath House, | 25200 |  | $25200$ |
|  |  |  | 3824,00 |

Amount of Collector's Duplicate, - $\$ 3,47750$
Rents payable to Register, - - 25200
Girard Estate Water Rents, - - 8100
Delinquents in advance for 1851, - - 1050
Permits in Dec. 1850, in advance for 1851, 300
$\$ 3,82400$

## ( 99 )

## K.

Duplicate of SOUTH WARD, for the year 1851.

|  | Dwowng, |  |  |
| :---: | :---: | :---: | :---: |
| 3 | Do and baths, | $550 \quad 1650$ |  |
| 380 | Dwellings, | $500-19000$ |  |
| 1 | Do and water closet, | 600600 |  |
| 1 | Do water closet and basin, | $700 \quad 700$ |  |
| 263 | Do and baths, - | 800210400 |  |
| 9 | Do and wash pave- | 00 |  |
| 20 | Do baths and water closets, | 900800000 |  |
| 3 | Do and baths, - | 10003000 |  |
| 1 | Do bath and 2 basins, | $1000 \quad 1000$ |  |
| 74 | Do baths and wash pavements, | 1100814 |  |
| 1 | Do $\begin{array}{cc}\text { four water closets } \\ \text { and } \\ \text { sins, } & \text { two ba- }\end{array}$ |  |  |
| 1 | Do bath and 3 water | 1100 |  |
| 22 | Do baths, wash pavements and water closets, | $\begin{array}{ll\|l\|} 11000 & 11 & 000 \\ 1200 & 264 & 00 \end{array}$ |  |
| 1 | Do bath, wash pavement and basin, | $1200 \quad 1200$ |  |
| 1 | Do wash pavement, three water closets and two basins, - | $1300 \quad 1300$ |  |
| 1 | Do bath, wash pavement \& 2 water closets, | $1300 \quad 1300$ |  |
| 9 | Do baths, wash pavements, water closets and basins, | $\begin{array}{ccc} 1300 & 10 & 00 \\ 13 & 00 & 117 \\ \hline \end{array}$ |  |
|  | Amounts carried forward, | 5564,00\| | 191 |

## ( 100 )




## ( 102 )



## ( 103 )



## ( 104 )



## ( 105 )



## M.

Duplicate of LOCUST WARD, for the year 1851.


## ( 106 )



Amounts brought forward,
1 Dwelling, two baths, wash pavement, water closet and basin,
1 Do bath, wash pavement, water closet and garden,
2 Do two baths, wash pavements, water closets and three basins,
1 Do three baths, wash pavement and 3 water closets,
3 Do two baths, wash pavements, two water closets \& four basins,
1 Do bath, wash pavement, water closet four basins \& extra ferrule,
1 Do three baths, wash pavement, two water closets \& four basins,
1 Do two baths, wash pavement, one water closet, 4 basins and extra ferrule, -
1 Do bath and garden,

| 3 | Churches, | - | - | - |
| :---: | :---: | :---: | :---: | :---: |
| 1 | $D_{0}$ | - | - | - |
| 1 | $D_{0}$ | - | - | - |
| 7 | Hotels, | - | - | - |
| 1 | $D_{0}$ | - | - | - |
| 5 |  |  |  |  |
| 5 | Stables, | - | - | - |
| 1 | $D_{0}$ | - | - | - |

Amounts carried forward,


## ( 108 )



## ( 109 )

## N.

Duplicate of PINE WARD, for the year 1851.



## ( 111 )



## ( 112 )



## P.

Duplicates of SPRUCE, LOMBARD and CEDAR WARDS for the year 1851.


## ( 113 )




## ( 115 )



Amount of Collector's Duplicate, - $\$ 14,48050$
Rents payable to Register, - - 76600
Permits in Dec. 1850 in advance for 1851, 2200
Delinquents in advance for 1851, - 16600
$\$ 15,43450$

## Q.

RECAPITULATION.

| WARDS. |  |  | Amounts of Collectors' Duplicates. | Water Rents payable to Register. | Delinquents in advance for 1851 . |  |  | TOTAL. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Upper Delaware Ward, North Mulberry Ward, Lower Delaware Ward, South Mulberry Ward, High Street Ward, North Ward, Chestnut Ward, Middle Ward, Walnut Ward, South Ward, Dock Ward, Locust Ward, Pine Ward, New Market Ward, Spruce, Lombard and Cedar Wards, |  |  | Dolls. ${ }^{\text {O }}$. | Dolls. \|C. | $\overline{D o l l s .}$ C. | $\frac{10 \pi .}{\text { Dolls. }^{2} \cdot \mid}$ | Dolls. $C$. | Dolls. [ ${ }^{\text {C. }}$. |
|  |  |  | 1061350 | 13000 | 6900 | 50 |  | ${ }_{10817} 580$ |
|  |  |  | 555450 | 26000 | 7800 | 2500 |  | 591750 |
|  |  |  | 757550 | - - | 12000 | 500 | 1000 | 771050 |
|  |  |  | 377000 | 85500 | 5100 |  | 13400 | 481000 |
|  |  |  | 844450 | 98450 | 20350 | 2400 | - - | 965650 |
|  |  |  | 411500 | 44600 | 1000 | 500 | 5200 | 462800 |
|  |  |  | 570550 | 27700 | 4700 | 1000 | 75900 | 679850 |
|  |  |  | 347750 | 25200 | 1050 | 300 |  | 382400 |
|  |  |  | 6974 46320 | $21-8$ | 11550 | 3100 | - | 712050 |
|  |  |  | 463200 879150 | 2100 10000 | 5100 25250 |  |  | 470400 917300 |
|  |  |  | 415500 | 1000 | 500 |  | 14200 | 917300 431200 |
|  |  |  | 507375 | - - - | - - - | - - - |  | 507375 |
|  |  |  | 1448050 | 76600 | 16600 | 2200 |  | 1543450 |
|  |  |  | 9859575 | 422650 | 120800 | 15900 | 117800 | 367 |



