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Annual Report

OF THE

Newark Aqueduct Board

FOR THE

YEAR ENDING NOVEMBER 30th, 1888.

ANNUAL REPORT

OF THE

Newark Aqueduct Board,

FOR THE

Year Ending November 30th, 1888.

OFFICERS AND MEMBERS,

JOSEPH E. HAYNES, Mayor,

PRESIDENT.

WILLIAM E. GREATHEAD, *Secretary.*

GEORGE R. GRAY, *Superintendent.*

CHARLES E. A. JACOBSEN, - - - *Civil Engineer.*

ANTHONY P. SMITH, - - - *Supervisor of Works.*

HARVEY H. BURRITT, - - *Chief Engineer Pump Works.*

COMMISSIONERS ELECTED BY THE PEOPLE.

* FERDINAND H. WISMER, CHARLES W. HAGEN, M. D.	Terms expire with 1888.
THOMAS HARLAN, FREDERICK KUHN,	Terms expire with 1889.
JAMES M. SEYMOUR, ABRAM S. STAATS,	Terms expire with 1890.

* RE-ELECTED.

Wm. A. Baker, Printer, 202 & 204 Market Street, Newark, N. J.

1889.

OFFICE OF THE NEWARK AQUEDUCT BOARD,
28TH ANNUAL MEETING, JAN. 2d, 1889.

The accompanying report was this day submitted, accepted, ordered printed and sent to the Common Council as the report of the Board for the year ending November 30th, 1888.

WM. E. GREATHEAD,
Secretary.

SUPERINTENDENT'S REPORT.

GENTLEMEN:—The following report of the condition and operation of the works for the year ending November 30th, 1888, is respectfully submitted:

The total quantity of water pumped at the Belleville Pumping Station during the past year was 4,952,476,256 gallons, an increase over last year of 338,089,664 gallons.

The highest daily average was 15,648,456 gallons in July, an increase over last year of 1,352,873 gallons.

The lowest daily average was in April, 11,297,186 gallons, an increase over last year of 413,089 gallons.

The average daily pumping for the year was 13,531,356 gallons, an increase of 889,201 gallons.

The amount of coal consumed was 16,190,648 pounds, or $7,227\frac{2168}{2240}$ tons; the cost of pumping per million gallons, $\$8.65\frac{6}{10}$.

The total quantity of water pumped at the High Service Pumping Station (Clifton avenue) during the past year was 1,755,046,744 gallons, an increase of 253,009,541 gallons.

The highest daily average was in July, 5,674,414 gallons, an increase over last year of 794,843 gallons.

The lowest daily average was in April, 3,900,811 gallons, an increase over last year of 497,788 gallons. The daily average for the year was 4,795,209 gallons, an increase of 547,913 gallons.

The total amount of coal consumed was 4,715,031 pounds, or $2,104\frac{2071}{2240}$ tons.

The cost of pumping per million gallons, $\$10.57\frac{1}{10}$.

The Belleville Pumping Station.

Chief Mechanical Engineer H. H. Burritt reports that all the pumping engines at this station are in good condition and prepared for any demand that may be made upon them.

The engines have been running during the past year with only one accident. On August 23d a slight knocking was observed in Engine No. 2. Upon examination, it was found that the high-pressure piston in the north cylinder of the engine had cracked at the key way. A new piston was immediately ordered and placed in position, and the engine started on September 10th. All the repairs have only been such as have become necessary through the ordinary wear and tear.

During the cold spells in February last the demand for water became so great as to compel three engines to run night and day, requiring the entire boiler-capacity of the Pumping Station, thus leaving no reserve in case of accident, or for cleaning purposes. It therefore became necessary to add to the boiler-capacity, and two new steel boilers were contracted for with the Stearns Manufacturing Co., of Erie, Pa. (they being the lowest bidders), and placed in an addition built for the purpose on the north side of the boiler-house. The boilers are now ready to be started. Under the existing circumstances, it was thought advisable to build this addition of wood, instead of incurring the great expense of brick and stone, to conform with the main building.

The work of setting the boilers, and building the addition, was not contracted for, but done by day's work.

The High Service Pumping Station.

The two pumping engines at this station have run almost continuously during the year, with only occasional stoppages for repairs that were of immediate necessity. The new plungers, which have been on hand for two years, are not yet placed, nor is the new high-pressure cylinder which

is to replace the one cracked in 1884, and it will be impossible to do either until the new engine is completed and in working condition. This state of affairs requires constant watchfulness and causes no little anxiety.

One accident has occurred to Engine No. 2 during the year, and that of a serious nature, and at a time when the demand for water was greatest. On Sunday, July 1st, one of the water-rods broke off at the plunger, completely disabling the engine. A new rod was inmediately ordered, and by good fortune, one was found on hand at the shops of the Worthington Hydraulic Works, in Brooklyn, which enabled us to start the engine again at 1 A. M. on July 3d. The special High Service had for the time being to be changed to the ordinary High Service, with the usual Reservoir pressure, the three-million gallon engine alone supplying both; but even during this short space of time the High Service Reservoir was almost half emptied.

The foregoing proves conclusively that the action taken by the Board during the Summer, in contracting for a new engine, could not possibly have been deferred any longer. The new engine was contracted for with H. R. Worthington, of New York, but it will be impossible to have the same in running condition until early next Spring, and until then the High Service supply will continue to be exposed to the dangers of a stoppage of the supply.

The erection of an additional pumping-engine made it necessary to build an extension to the pump-house. This extension is almost completed. It is built on the north side of the pump-house, between the same and Hartman's house, and will contain a special pump-well with an independent connection for supply, and an overflow into the present pump-well. The work of building this extension has been contracted for with Mr. William Reilly, of this city.

Belleville Pump Mains, Nos. 1 and 2.

On November 25th a leak was detected on the connection between Pump Mains Nos. 1 and 2, on the west side of the road, near the Pumping Station. It was found that

a joint had blown out. The leak was easily repaired on the following day. No other repairs to the Pump Mains have been necessary during the year.

The Receiving Reservoir, Belleville.

This Reservoir still keeps up its record and remains in its usual good condition.

The enlarged Hothouse furnishes an ample supply of plants and flowers for beautifying the grounds at the Pumping Station and the Reservoirs belonging to the works.

Supply Mains, Nos. 1 and 2.

No breaks of any kind have occurred on the Supply Mains during the year. The work done in the previous year to prevent the freezing of the blow-off on Supply Main No. 2, at Second River, has proved satisfactory, notwithstanding the extremely cold spells experienced during the season.

In the conclusion to this report I shall refer to the New Supply Main mentioned in last year's report.

The Low Service Reservoir.

Twice during the year—on Sunday, April 22d, and November 29th—the Low Service Reservoir was tested for 24 hours by shutting off the same and feeding directly from Belleville. No indications of leakage were detected.

The High Service Reservoir.

This Reservoir has remained in good condition during the year.

The weighted valve in the Gate House has worked well and given entire satisfaction. The special High Service is now regulated so as to give an extra pressure of from 23 to 25 pounds over the ordinary Reservoir pressure.

Distribution.

The extensions to the system of distributing pipes during the year ending November 30th, 1888, have been as follows:

24-inch	pipe	.....	680 feet.
20- "	"	.....	4,017 "
16- "	"	.....	3,136 "
12- "	"	.....	2,310 "
10- "	"	.....	1,127 "
6- "	"	.....	20,410 "

a total of 31,680 feet, or 6 miles, making a total mileage of pipes connected with the works of $166\frac{41169}{5280}$ miles.

The 20-inch pipe has been laid in Broad street, from Walnut street to Emmet street, as an extension to the 24-inch distributing main from the Low Service Reservoir.

The necessity for laying this main has been pointed out in the annual reports for several years past, and the same may be said of the 16-inch main, which has been laid in Walnut street from Adams street east to Lang street, and through the latter to Hamburgh place, and thence to Komorn street, where it branches, one branch being plugged, to be extended down Hamburgh place at some future time, while the other branch (12-inch) extends through Komorn street to St. Charles street. Both of these extensions have increased the pressure in the respective localities from 2 to 8 pounds, besides furnishing a larger volume of water in case of fire.

The estimate for the Broad street main was $14,359.42, and the actual cost, $14,710.82. The estimate for the Walnut street extension and the Komorn street pipe was $13,100.00, and the actual cost, $11,480.32. For the latter pipe the price of pipe per ton was about $4.00 less than the estimated price, and $3.00 less than the price formerly paid for the same kind of pipe.

The 10-inch and 6-inch pipes laid are the usual street main extensions, which have again this year absorbed the entire annual appropriation ($20,000) authorized by law.

But this year the laying of nearly 7,000 feet of pipe additional had to be granted, because the petitioners had complied with the rules of the Board, which are that 10 % on the cost of laying the pipe shall be secured, the same being charged to the petitioners from the date of the completion of the pipe laying.

Besides these petitions there are several now pending before the Executive Committee. Including these, the Board will virtually enter the new fiscal year with one-half of its annual appropriation for street main extensions pledged.

I would therefore suggest that some provision be made to increase the appropriation for the coming year. The outer wards are growing very fast, and it may be said that all new dwellings are built with "modern improvements," and a delay or failure to furnish the water supply would seriously interfere with the growth of the city, and also entail losses upon parties who have already built, as well as those contemplating doing so.

On Monday morning, April 23d, it was discovered that the ground at the east side of Clifton avenue, near the Mill Brook Sewer and the 24-inch distributing main from the Low Service and Branch Brook Reservoirs, had caved in. It was at first thought to be caused by a break in the sewer, but upon examination it was found that a break in the 24-inch main was the cause of it. The main at this point, and for a considerable distance on each side, lies about 30 feet below the surface, being covered almost entirely with filling, and in close proximity to the sewer.

In view of these facts, and the uncertainty of locating the exact point of leakage, which might be 50 or 100 feet either side of the cave-in, and the danger to the dwelling of Mr. Fyan on Clifton avenue, and also that the main for a considererable distance runs through private property, (the rear yards of the newly built dwellings on Eighth avenue), it was decided to abandon the same (for the present at any rate), and to lay a new main through Drift street, connecting the second outlet pipe from the Low

Service Reservoir with the 24-inch main in Factory street. The laying of this main had been contemplated for years past, in order to relieve the other main as far Eighth avenue and Factory street.

To this end a stop was inserted in the main in Eighth avenue, just west of the connection with the Factory street pipe. This stop now shuts off all that part of the main west of the same, and the Low Service is now fed through Drift street and Factory street to Eighth avenue.

Two repairs have been necessary to the 24-inch distributing main in Broad street; one at the crossing of the D. L. & W. Railroad, and the other just south of Eighth avenue. In both instances joints had blown out. The former was easily repaired, but the latter threatened serious consequences, and it was only with great difficulty that the joint could be reset without shutting off the water, which at this point would have shut off the entire Low Service.

The new 24-inch distributing main from the Low Service Reservoir, mentioned in last year's report, has not as yet been laid, but the last mentioned break, and the dangers connected with the same, are further proofs that it ought not to be deferred any longer.

The number of Hydrants set during the year is 40, of of which number 18 are on the Low Service and 22 on the High Service. This makes a total of 1,381 Hydrants connected with the works, of which 755 are on the Low Service, 606 on the High Service, 17 in the village of Belleville, and 3 at the Belleville Pumping Station.

Of the new Hydrants, 4 (6-inch) have been placed on the 24-inch main in Broad street, and 2 (also 6-inch) on the new main in Hamburgh place, at Lang street, and in Komorn street, at St. Francis street. These connections have been made by Supervisor Anthony P. Smith's new tapping-machine, which has been extensively used during the year with perfect success.

The machine has been considerably improved since it was used for the first time last year, and upwards of 40 connections (2-inch, 3-inch, 4-inch and 6-inch) have been

made without failure, or even an accident of the most trifling nature. The Board has entered into a contract with Mr. Smith for the use of his machine on the works.

Consumption.

The usual consumption statements are appended. The number of taps made during the year exceeds that of last year by 145, and is therefore the largest ever made in one year on the works. The total number of new taps was 1,444, of which number 694 were on the Low Service, and 750 on the High Service, an excess of 56 taps on the latter.

It might have been expected that on account of the extraordinary heavy rain-falls during the year the increase of the average daily consumption over that of last year would have been comparatively much lower than that of last year over the preceding year, the increase being 889,201 gallons, and 857,992 gallons, respectively.

Last year the increase of taps was 7.58 % and the increase of consumption 7.04 %, but there is an extraordinary difference between the increase of the highest and lowest monthly of this year. While the highest monthly average in July shows an increase of 1,352,873 gallons, or 9.46 % over last year, the lowest monthly increase is only 413,089 gallons, or 3.80 % and the actual difference between the highest and lowest monthly averages is 4,351,270 gallons. Another feature of this year's consumption statistics is the large increase of the daily averages for the three Summer months, June, July and August. The daily average for these 92 days was 15,406,054 gallons as against 13,847,549 gallons last year, making a daily increase of 1,558,505 gallons, and this notwithstanding the heavy rain-fall of the season. Had there been a drought during these months, this might have accounted for the enormous increase, and therefore there must be some other reason, which will probably be found in the great addition to the number of motors for the purpose of running fans. However this may be, it is a matter for very serious consideration.

Real Estate.

The sales of real estate during the year have been as follows:

Lots Nos. 2, 3 and 4 in plot No. 13 for $550.00, $500.00 and $450.00 respectively. Plot No 8, for $200.00. Plot No. 42, to the different owners of the adjoining lands, in order to give them frontage on Fifth street, for $1,400.00. The remainder of plot No. 46 for the sum of $7,560.00. Plot No. 48, being a small corner on Central avenue and Bond street, (now vacated) for $25.00, and a part of plot No. 14, being a very narrow strip on the north side of Drift street, for $10.00.

All of these aggregate the sum of $10,695.00.

New Water Supply.

At a meeting of the Common Council on April 13th, a committee was appointed to consult with the Newark Aqueduct Board on the subject of a new water supply.

This committee, in conjunction with the members of the Board, have held numerous meetings, but at the end of the fiscal year had not yet arrived at any conclusion.

Conclusion.

In conclusion to last year's report, I have called attention to the extensions to our works that are absolutely necessary, and also given a detailed description of the same.

Early in the year the Board sent a communication to the Finance Committee of the Common Council, setting forth the extensions to the works most urgently needed in order to keep up the supply, and giving approximate estimate of the same, with the request that the Common Council take the necessary steps to furnish the Board with the funds required to carry out the work The Board was assured by the Finance Committee and the City Counsel that the sinking fund held by the Board, but which the Supreme Court had decided was not applicable to the redemption

of bonds, could lawfully be applied by the Board to carry out the extensions to the works, and as this would suffice for the first year's expenditures, it was not considered necessary to take any further steps in the matter for the present.

The Board then directed the Engineer to proceed with the necessary surveys and to perfect the plans.

While these were in progress, on May 16th, a communication was received from the City Counsel requesting the Board not to take any further steps, or enter into any contracts for the extension, inasmuch as he had serious doubts as to whether, under the law of the 26th of March last, the funds in question were lawfully applicable to extensions, or whether they would have to be transferred to the Sinking Fund Commissioners of the city. The Board thereupon complied with the request, but up to the present time no final decision has been received from the City Counsel.

Another year has thus passed without anything having been accomplished, excepting the purchase of two new boilers for Belleville and the contracting for the new High Service Pumping Engine, for which measures had previously been taken, and which were so urgent that delay might have been fatal. But the matter of the 24-inch distributing main, the new supply main, and the Storage Reservoir, is no further advanced than it was a year ago, or, rather, since it was first mentioned in my annual report, while the urgency is ever increasing.

I would suggest that the plans for this work be immediately completed, so as to be ready as soon as Spring opens. If then the Board cannot proceed any further, the responsibility will have to rest where it belongs.

I desire to add a few more observations on the pressing need of the above mentioned extension,

This city is now growing very fast, and is bound to continue to do so.

The natural growth so to speak of the city was retarded some thirteen years ago by the opening of the Elevated Railroads in New York, and also later by the completion of

the Brooklyn Bridge, which directed the tide of population into other directions.

But these influences have now ceased to have any effect, and Newark now gets its full share of the overflow of New York's population.

Moreover, new and extensive manufacturing establishments are every year being erected in the city. A failure of the water supply, even such as it is, would have the most disastrous effects upon the growth of the city as well as the welfare of the community.

Under the heading of "Distribution" I have related how perilously near we were on one occasion during the past year to the necessity of shutting off the entire Low Service, which includes the most thickly populated and business section of the city, because this service has only *one* 24-inch main to depend upon.

We have not had any real dry Summer season since 1881 and our works, therefore, have not been subjected to the strain of a protracted drought, but in the event of such a drought next Summer, and with the same daily average consumption perhaps as in 1881, we would reach nearly 20,000,000 gallons per day for five consecutive months, or 153 days, and this with a capacity of supply of only about 18,000,000 gallons and an available storage capacity so inadequate that ten days would virtually empty the Reservoir.

The Secretary's report annexed will give a full detailed statement of the receipts and expenditures, and of all accounts.

Respectfully,

GEO. R. GRAY,

Superintendent.

SECRETARY'S REPORT.

DEPARTMENT OF ACCOUNTS.
November 30, 1888.

To the President and Members of the Newark Aqueduct Board:

GENTLEMEN—Section 3, Article 4, of the By-Laws, requiring me to make a report of the Receipts and Expenditures, at the close of the fiscal year, I herewith present the following, as the report for the year ending November 30, 1888.

Cash balance November 30, 1887	$8,617 81
Receipts from all sources for 1888	570,745 82
	$579,363 63
Less disbursements on all accounts	568,450 09
Balance Cash on hand and in banks November 30, 1888	$10,913 54

WILLIAM E. GREATHEAD,
Secretary.

Financial Statements.

OFFICE OF THE NEWARK AQUEDUCT BOARD,
November 30, 1888.

To certify that, at the close of business this day, the undersigned made a personal examination of the cash, cash vouchers, and securities of the Newark Aqueduct Board, and found them to correspond with the amounts called for by the books.

FERDINAND H. WISMER,
FREDERICK KUHN,
THOMAS HARLAN.
Finance Committee.

TRIAL BALANCE.

NOVEMBER 30, 1888.

Cash	$10,913 54	
Coupon Bonds		$2,580,000 00
Registered Bonds		952,000 00
Coupons payable		245 00
National State Bank	245 00	
Bills Payable		15,000 00
Real Estate, No. 1	26,964 15	
" " 2	3,696 15	
" " 3	2,545 48	
" " 4	4,170 50	
" " 5	750 00	
" " 6	13,177 00	
" " 7	500 00	
" " 10	3,760 00	
" " 11	10,456 36	
" " 12	13,784 90	
" " 13	18,852 65	
" " 15	1,456 79	
" " 16	6,000 00	
" " 17	12,500 00	
" " 18	1 00	
" " 19	500 00	
" " 20	100 00	
" " 21	500 00	
" " 22	3,290 04	
" " 23	500 00	
" " 24	4,880 00	
" " 25	4,300 00	
" " 26	2,660 00	
" " 27	625 00	
" " 28	3,550 00	
" " 29	4,200 00	
" " 30	9,196 00	
" " 31	3,800 85	
" " 32	9,380 00	
" " 33	6,738 00	
	$183,993 41	$3,547,245 00

Amount brought forward....	$ 183,993 41	$3,547,245 00
Real Estate No. 34.....	9,000 00	
" " 35.....	15,816 00	
" " 36.....	1,201 00	
" " 37.....	1 00	
" " 38.....	1,400 00	
" " 39.....	4,250 00	
" " 40.....	5,125 00	
" " 41.....	8,680 00	
" " 44.....	15,375 00	
" " 46.....	3,713 02	
" " 53.....	21,136 27	
" " 54.....	9,393 89	
" " 55.....	4,696 95	
" " 56.....	11,883 64	
" " 57.....	1,693 92	
" " 58.....	5,101 69	
" " 59.....	532 50	
" " 60.....	11,113 86	
" " 61.....	450 00	
" " 62.....	339 00	
" " 63.....	389 55	
" " 65.....	2,500 00	
" " 66.....	3,572 00	
" " 68.....	598 63	
Section A, Supply main No. 2.	49,998 90	
Street mains.....	1,238,397 15	
Street mains supplies.....		497 87
Street mains of 1888.....	52,205 51	
Street mains, stock & materials.	7,584 46	
Belleville pump-house.....	56,309 39	
" pumping engine, No. 1	55,909 73	
" " " No. 2	55,591 95	
" " " No. 3	78,918 29	
" " " No. 4	42,607 54	
New boilers, Belleville.....	9,793 69	
	5,033 67	
New chimney, Belleville.....	10,057 24	
Belleville engineer and firemen's dwellings..... ..	22,696 52	
River wall, dock and basins....	266,112 99	
Receiving reservoir, Belleville..	133,645 05	
	$3,406,818 41	$3,547,742 87

Amount Brought forward....	$3,406,818 41	$3,547,742 87
Keeper's house, receiving reservoir, Belleville.....	3,192 60	
Driven wells, Belleville.....	10,568 76	
Caisson well, Belleville.....	2,453 80	
Pump main No. 1.....	92,552 57	
Pump main No. 2.....	47,353 54	
Supply main, No. 1.....	152,998 38	
Supply main, No. 2.....	81,637 82	
High Service engine house.....	27,847 44	
High Service pumping engine, No. 1.....	21,407 40	
High Service pumping engine, No. 2.....	21,630 22	
High Service reserve pumps ...	12,609 26	
New boilers, Chatham street...	6,349 82	
High Service reservoir, South Orange avenue.....	94,585 27	
Low Service reservoir Seventh avenue.....	304,039 20	
Branch Brook reservoir, Seventh avenue.....	54,294 15	
New supply survey.....	8,555 83	
Twelfth Ward feeder.....	7,151 67	
Extra High Service.....	33,704 66	
High Service and Belleville machinery, fixtures, etc.....	3,141 60	
Stable, stock and fixtures.....	4,247 75	
Office furniture, fixtures, etc...	2,278 00	
Telephone lines and properties	1,200 00	
Hydrant account.....	156 27	
Water-meter account.....	20,765 04	
Bond and mortgage.....	7,890 00	
Belleville boiler house extension	1,583 94	
High Service engine house extension.....	3,243 65	
High Service pumping engine, No. 3.....	71 19	
High Service fuel account.....	10,163 37	
High Service engine stores.....	1,376 64	
High Service engineer and firemen's wages.....	7,328 85	
Belleville fuel account.....	38,468 50	
	$3,491,665 60	$3,547,742 87

Amount brought forward....	$3,491,665 60	$3,547,742 87
Belleville engine stores.....	2,180 40	
Belleville engineer and firemen's wages.....	14,267 59	
Expense account.....	8,491 20	
Salaries.....	20,287 43	
Inspection.....	7,176 00	
Interest—coupons.....	180,600 00	
Interest—registered.....	55,605 00	
Interest—general account.....	430 52	
Insurance.....	162 50	
Maintenance and repairs, telephone lines, etc.....	412 50	
Engineering.....	3,599 78	
Joint Board on Pollution.....	158 78	
Maintenance general account..	2,253 15	
Maintenance reservoirs and grounds.....	2,665 78	
Maintenance pure water.....	1,701 82	
Repairs, street mains.....	1,651 32	
" stop cocks.....	45 18	
" hydrants.....	213 32	
" real estate, No. 1.....	268 39	
Repairs, real estate, tenements and general.....	64 65	
Repairs, engineer's and firemen's dwellings.....	23 88	
Repairs, keeper's house Belleville.....	50 28	
Repairs, water meters and setting.....	188 62	
Repairs, High Service reservoir	102 00	
" Belleville pump house.	119 82	
Repairs, river wall, docks and basins.....	906 20	
Repairs, High Service pump house.....	224 39	
Repairs, Belleville pump, No. 1	14 75	
" Belleville pump, No. 2	83 10	
" Belleville pump, No. 3	21 22	
Repairs, Belleville pumps, boilers and general.....	931 45	
	$3,796,566 62	$3,547,742 87

Amount brought forward....	$3,796,566 62	$3,547,742 87
Repairs, High Service pump, No. 1.....	123 14	
Repairs, High Service pumps, boilers and general.....	870 07	
Repairs, tools.....	785 19	
" supply main, No. 2....	8 74	
" services.....	60 04	
Setting meters.....	99 94	
Arrears.....	4,608 08	
Measured.....	7,131 38	
Special.....	264 34	
Sprinklers.....	14 43	
Motors.....	314 60	
Fractional.....	1,142 41	
Loss and gain.....		1,668 67
Water rents.....		341,504 65
Penalties, fines, etc.....		1,037 97
Collection account, advance October water rents.....	27,146 26	
Collection account, services....	2,611 80	
Service account.....		3,394 78
Plumbers', drafts.....		274 30
Special tax arrears.....	34,077 17	
Receives Mechanics' National Bank.....	25,528 01	
Surplus, 1887.....		9,915 42
Rents, real estate.....	53 00	
Sundry Personal Accounts.....	4,133 44	
	$3,905,538 66	$3,905,538 66

STATEMENT A.

CONSTRUCTION ACCOUNTS.

Belleville:	
Pump house	$56,309 39
Engineer's and firemen's dwellings	22,696 52
River wall, dock and basins	266,112 99
Receiving Reservoir	133,645 05
Keeper's house	3,192 60
Driven wells	10,568 76
Caisson wells	2,453 80
New boilers	14,827 36
New chimney	10,057 24
Boiler house extension	1,583 94
Pumping engine, No. 1	55,909 73
Pumping engine, No. 2	55,591 95
Pumping engine, No. 3	78,918 29
Pumping engine, No. 4	42,607 54
Newark:	
High Service pump house	27,847 44
High Service pump house extension	3,243 65
High Service pumping engine, No. 1	21,407 40
High Service pumping engine, No. 2	21,630 22
High Service pumping engine, No. 3	71 19
High Service reserve pumps	12,609 26
High Service reservoir	94,585 27
Low Service reservoir	304,039 20
Branch Brook reservoir	54,294 15
New boilers, Chatham street	6,349 82
Mains:	
Street mains, general	1,238,397 15
Pump main, No. 1	92,552 57
Pump main, No. 2	47,353 54
Supply main, No. 1	152,998 38
Supply main, No. 2	81,637 82
Section A, Supply main No. 2	49,998 90
Twelfth Ward feeder	7,151 67
Extra High Service	33,704 66
Broad street extension, 20-inch	14,710 82
Drift street main, 24-inch	4,923 46
Twelfth Ward extension, 16 and 12-inch	11,480 32
Lombardy street extension, 6-inch	630 45
Street mains, 1888	20,460 46
	$3,056,552 96

STATEMENT B.

GENERAL STOCK AND PROPERTY.

Real estate	$310,797 79
Bond and mortgage	7,890 00
Belleville fuel and stores	12,045 60
High Service fuel and stores	316 73
Water meters, set and on hand	20,765 04
Street mains, stock and material	6,267 19
General supplies	252 42
Service stock	418 99
Office furniture and fixtures	2,335 00
Telephone lines and property	1,200 00
Stable stock and fixtures	4,144 75
Machinery and stock at pumping stations	3,141 60
New supply survey	8,555 83
Hydrant account	468 50
Insurance	108 33
	$378,707 77

STATEMENT C.

ACCOUNTS DUE THE BOARD.

Collection account, advance water rents.....	$27,146 26
" " fractional water rents. ...	1,142 41
" " arrears water rents.....	4,608 08
" " measured water rents.....	7,131 38
" " special water rents.....	264 34
" " cart sprinklers.....	14 43
" " motors.....	314 60
" " services.....	2,611 80
Special tax arrears.....	34,077 17
Receiver Mechanics' National Bank.....	25,528 01
Rents, real estate.....	53 00
Sundry personal accounts.....	4,133 44
	$107,024 92

STATEMENT D.

MAINTENANCE AND REPAIRS.

Maintenance telephone lines	$412 50
" general	1,502 86
" reservoirs and grounds	2,665 78
" pure water	1,701 82
Joint Board on Pollution	158 78
Repairs, street mains	1,651 32
" stop cocks	45 18
" hydrants	213 32
" real estate, No. 1	268 39
" " tenements and general	64 65
" engineer's and firemen's dwellings	23 88
" keeper's house	50 28
" water meters	188 62
" High Service reservoir	102 00
" Belleville pump house	119 82
" River wall, dock and basins	906 20
" High Service pump house	224 39
" Belleville pump, No. 1	14 75
" " " No. 2	83 10
" " " No. 3	21 22
" " pumps, B and G	931 45
" High Service pump, No. 1	123 14
" " " pumps, B. and G.	870 07
" tools	785 19
" supply main, No. 2	8 74
" services	60 04
" setting meters	99 94
	$13,297 43

ASSETS AND LIABILITIES.

	ASSETS.	LIABILITIES.
Construction account	$3,056,552 96	
General stock and property	378,707 77	
Anticipated assets	107,024 92	
Cash	10,913 54	
Coupon trust fund	245 00	
Coupon bond account		2,580,000 00
Registered bond account		952,000 00
Coupon payable		245 00
Plumbers' Drafts		274 30
Bills payable		15,000 00
Surplus, 1888		5,924 89
	$3,553,444 19	$3,553,444 19

SINKING FUND STATEMENT.

CASH.

	DR.	CR.
Balance November 30, 1887	$6,486 77	
Interest on investment	13,475 00	
Interest on deposits	368 65	
Cash balance November 30, 1888		20,330 42
	$20,330 42	$20,330 42

TRIAL BALANCE.

Sinking fund account		$268,878 92
Bond account	$223,169 50	
Receiver Mechanics' National Bank	25,379 00	
Cash	20,330 42	
	$268,878 92	$268,878 92

SECURITIES.

Registered City water bond, No. 9.....	$50,000 00
" " " " No. 10.....	6,000 00
" " " " No. 28.....	50,000 00
" " " " No. 75.....	40,000 00
Premium " " " No. 75.....	4,456 00
Registered City improvement bonds, 271 to 280 inclusive.....	10,000 00
Premium improvement bonds, 271 to 280 incl.	713 50
Registered City water bond, No. 76.....	20,000 00
" " " " No. 86.....	15,000 00
" " " " No. 87.....	12,000 00
" " " " No. 88.....	15,000 00
	$223,169 50

RUNNING EXPENSES AND INCOME.

LOSS AND GAIN.			
Maintenance and repairs works	$13,297 43		
Belleville pumping account	42,870 89		
High Service pumping account	18,552 13		
Expense	8,545 37		
Engineering	3,599 78		
Salaries	20,287 43		
Inspection	7,176 00		
General interest	430 52		
Total maintenance exclusive of interest on funded debt		$114,759 55	
Coupon bond interest		180,600 00	
Registered bond interest		55,605 00	
INCOME			
From sundry accounts, rents, etc			4,431 40
Net water rents income			341,504 65
Penalties, fines, etc			1,037 97
Amounts advanced from other sources to meet interest			3,990 53
		$350,964 55	$350,964 55

DETAILED RECEIPTS AND EXPENDITURES FOR THE YEAR ENDING NOVEMBER 30, 1888.

RECEIPTS.

Balance on hand Nov. 30, 1887....		$8,617 81
Advance water rent collection.....	$252,455 89	
Fractional water rent collection...	4,873 94	
Miscellaneous water rent collection.	76,393 13	
Hose collection.....	4,940 46	
Motor collection.....	2,124 71	
Service collection, services to curb.	22,619 47	
Sales on service account.....	47 00	
Rents of real estate.....	896 00	
Penalties and fines.....	1,037 97	
Sundry personal accounts.....	11,917 37	
Tax receiver, account of tax levy, 1887.....	16,000 00	
Sales of real estate, payment account of purchase money.....	10,695 00	
Interest on mortgages.....	358 50	
Mortgages, payment account of principal	110 00	
Temporary loans.....	145,000 00	
Sale of registered bond.....	20,900 00	
Accrued interest on registered bond sold	150 41	
Sale of old iron.....	59 47	
Privilege of cutting ice.....	30 00	
Sale of stone.....	25 50	
Sale of scrap brass.....	58 00	
Sale of sand.....	40 00	
Sale of 26 oil barrels at 50c. each..	13 00	570,745 82
Total receipts		$579,363 63

EXPENDITURES—CONSTRUCTION.

STREET MAINS.		
Labor, laying street mains, 1888...	$16,152 58	
Lumber.....	442 20	
Carting pipe, etc.....	917 70	
Cement pipe.....	43 70	
Hardware, etc.....	4 55	
Cement	1 10	
Use of fire engine at Jersey street main.....	35 00	
Powder, etc.....	3 63	
Dr. O'Gorman, professional services	20 00	
Hose use.....	10 00	
Barrels	60	
Sundry material.....	25 45	
Sundry expense.....	89 35	
		$17,745 86

DETAILED RECEIPTS AND EXPENDITURES—CONTINUED.

Amount brought forward..		$17,745 86	
STREET MAIN STOCK AND MATERIAL.			
720 ft. 24-in. iron pipe, $1,936 93			
4080 ft. 20-in. " " 8,762 19			
3120 ft. 16-in. " " 4,552 79			
1680 ft. 12-in. " " 2,331 03			
1336 ft. 10-in. " " 1,149 03			
22716 ft. 6-in. " " 8,764 43			
2405 ft. 4-in. " " 642 35			
120 ft. 3-in. " " 24 93			
	$28,163 68		
2 24-inch water gates.....	490 80		
4 20-inch water gates.....	508 00		
3 16-inch water gates.....	240 00		
2 12-inch water gates.....	80 00		
6 10-inch water gates.....	210 00		
102 6-inch water gates.....	1,632 00		
23 4-inch water gates.....	253 00		
Castings	4,993 80		
Lead	3,073 18		
Yarn	103 20		
Lumber..	181 51		
Hardware, etc.....	10 73		
Paints, oils, etc.....	6 63		
Tallow.....	90		
Sundry material	12 36		
Sundry expense.....	32 65		
		$39,992 44	
NEW BOILERS AT BELLEVILLE.			
Part payment as per contract.....	$2,417 89		
Setting up.....	75 00		
Mason material.....	642 74		
Mason work.....	1,545 48		
Boiler fitting, etc.....	108 70		
Castings	5 08		
Blacksmithing	24 40		
Hardware, etc.....	71 38		
Gauge boards.....	3 50		
Carting, etc....	139 50		
		$5,033 67	
BELLEVILLE BOILER HOUSE EXTENSION.			
Lumber.....	$487 37		
Plumbing.....	4 11		
Mason material.....	211 00		
Sand and gravel	166 50		
Hardware, etc.....	7 33		
Labor.....	707 63		
		$1,583 94	$64,355 91

DETAILED RECEIPTS AND EXPENDITURES—CONTINUED.

Amount brought forward..		$64,355 91	
HIGH SERVICE PUMP HOUSE EXTENSION.			
Part payment as per contract.....	2,975 00		
Girder.....	185 00		
Mason material.....	2 65		
Asphalting, etc.....	76 50		
Labor.....	4 50		
		3,243 65	
GENERAL SUPPLIES.			
Lumber.....	72 38		
Coke.....	26 40		
Wood.....	16 50		
Paints, oils, etc.....	54 64		
Hardware, etc.....	23 65		
Clay.....	7 00		
Glue.....	25		
Candles.....	2 00		
Labor.....	115 25		
Sundry expense.....	3 00		
		321 07	
HIGH SERVICE PUMP, NO. 3.			
Sundry expense.....	4 15		
Labor.....	13 25	17 40	$67,938 03

MAINTENANCE OF WORK.

GENERAL MAINTENANCE.			
One post.....	$6 00		
Hardware, etc.....	3 50		
Labor.....	2,243 65		
		2,253 15	
MAINTENANCE OF RESERVOIRS AND GROUNDS.			
Keepers', watchmen's, and gardeners' pay.....	2,463 49		
Lumber.....	8 24		
Coal.....	54 33		
Plumbing.....	7 13		
Hardware, etc.....	17 88		
Mason material.....	4 50		
Flower pots, etc.....	9 25		
Street sprinkling at reservoir.....	37 00		
Tools.....	1 65		
Oils, etc.....	46		
Repairing telemeters.....	28 25		
Repairing valve.....	15 95		
Blacksmithing.....	2 00		
Sundry material.....	8 15		
Sundry expense.....	7 50	2,665 78	
		$4,918 93	$67,938 03

DETAILED RECEIPTS AND EXPENDITURES—CONTINUED.

Amount brought forward..		$4,918 93	$67,938 03
JOINT BOARD ON POLLUTION.			
River patrol	50 00		
Engineer of boat	37 50		
Secretary of board	125 00		
Analysis of water	65 33		
Legal expense	30 00		
Telephone rent	15 00		
Storage of boat, etc	11 50		
Repairs of boat	7 07		
Sundry expense	38 63		
		380 03	
PURITY OF WATER.			
River patrol	575 00		
Analysis of water	187 50		
Legal expense	499 67		
Maps of Passaic	30 50		
Horse hire	3 00		
Sundry expense	16 15		
Labor	390 00		
		1,701 82	
REPAIRS OF SUPPLY MAIN NO. 2.			
Labor		8 74	
REPAIRS OF STREET MAINS.			
Wood	25 50		
Lumber	5 34		
Oils, etc	2 71		
Tallow	55		
Machine work	13 60		
Hardware, etc	50 19		
Plumbing	1 50		
Sundry expense	35 65		
Labor	1,367 57		
		1,502 61	
REPAIRS OF REAL ESTATE, NO. 1.			
Lumber	40 95		
Plumbing	87 29		
Painting, etc	48 04		
Hardware, etc	4 07		
Stable repairs	8 30		
Sundry expense	10 00		
Labor	69 74		
		268 39	
REPAIRS OF TENEMENTS.			
Mason work	42 14		
Plumbing	3 00		
Glass, etc	1 41		
Hardware	10		
Labor	18 00	64 65	
		$8,845 17	$6,7938 03

DETAILED RECEIPTS AND EXPENDITURES—CONTINUED.

Amount brought forward..		$8,845 17	$67,938 03
REPAIRS ENGINEER'S AND FIREMEN'S DWELLINGS.			
Plumbing.....	19 95		
Glass, etc.....	3 93		
		23 88	
REPAIRS KEEPER'S HOUSE AT RECEIVING RESERVOIR.			
Lumber.....	18 66		
Plumbing.....	12 69		
Paints, etc.....	10 44		
Hardware, etc.....	3 49		
Sundry expense.....	5 00		
		50 28	
REPAIRS OF METER.			
General repairs, machine work, etc.	355 99		
Hardware, etc.....	81		
Sundry expense.....	52 49		
Labor.....	30 92		
		440 21	
SETTING WATER METERS.			
Plumbing.....	15 70		
Labor.....	84 24		
		99 94	
REPAIRS HIGH SERVICE PUMP HOUSE.			
Lumber.....	17 28		
Glass, etc.....	2 13		
Carting.....	27 60		
Labor.....	177 38		
		224 39	
REPAIRS OF HIGH SERVICE PUMPING ENGINE, BOILERS AND GENERAL REPAIRS.			
Machine work.....	237 95		
Mason work.....	334 35		
Mason material.....	51 58		
Castings.....	15 36		
Tube injectors.....	194 00		
Hardware, etc.....	7 30		
Lumber.....	4 57		
Rubber valves.....	14 96		
Sundry expense.....	10 00		
		870 07	
REPAIRS OF HIGH SERVICE PUMP, NO. 1.			
Machine work.....	66 14		
Rubber valves.....	30 00		
Valve stems.....	17 00		
Patent oil cup.....	10 00	123 14	
		10,677 08	67,938 03

DETAILED RECEIPTS AND EXPENDITURES—CONTINUED.

Amount brought forward..		$10,677 08	$67,938 03
REPAIRS OF HIGH SERVICE RESERVOIR.			
Mason work.....		102 00	
REPAIRS OF BELLEVILLE PUMP HOUSE.			
Lumber.....	28 74		
Hardware, etc....	3 63		
Glass, etc.....	30		
Labor.....	87 15		
		119 82	
REPAIRS OF BELLEVILLE PUMPING ENGINE, BOILERS AND GENERAL REPAIRS.			
Machine work.....	171 37		
Mason work.....	372 26		
Mason material.....	75 28		
Castings.....	228 87		
Valve stem.....	1 00		
Hardware, etc.....	39 67		
Repairing boilers	25 50		
Labor.....	17 50		
		931 45	
REPAIRS OF BELLEVILLE PUMP, NO. 1.			
Labor.....	14 75		
		14 75	
REPAIRS OF BELLEVILLE PUMP, NO. 2.			
New piston body and fittings.....	71 90		
Carting.....	11 20		
		83 10	
REPAIRS OF BELLEVILLE PUMP, NO. 3.			
Machine work...		21 22	
REPAIRS OF RIVER WALL, DOCK AND BASIN.			
General repairs, as per agreement..		906 20	
REPAIRS OF TOOLS.			
Blacksmithing.....	300 70		
Repairing and replacing tools.....	237 27		
Rubber boots.....	64 25		
Lumber.....	2 09		
Lanterns.....	7 50		
Three pipe buggies.....	22 00		
Furnace.....	22 54		
Steel.....	17 08		
Hardware.....	12		
Oil, etc.....	40		
Plumbing.....	48 07		
Sundry expense.....	3 20		
Labor.....	59 97	785 19	
		$13,640 81	$67,938 03

DETAILED RECEIPTS AND EXPENDITURES—CONTINUED.

Amount brought forward..		$13,640 81	$67,938 03
REPAIRS OF HYDRANTS.			
Machine work	144 21		
Hardware	3 07		
Sundry expense	2 50		
Labor	161 79		
		311 57	
REPAIRS OF STOP COCKS.			
Machine work	13 70		
One 20-inch water gate stem	17 15		
Hardware	45		
Labor	16 38		
		47 68	
REPAIRS OF SERVICES.			
Plumbing	30 09		
One 3-inch hub gate	11 60		
		41 69	
REPAIRS AND MAINTENANCE TELEPHONE LINES.			
One year's rent		412 50	14,454 25
			$82,392 28

EXPENSE ACCOUNT

Amount brought forward..			$82,392 28
Wages, weekly pay roll	$2,600 00		
General expense	587 32		
Coal for office building	119 15		
Gas for office building	156 42		
Ice for office building	31 20		
Stationery and books	775 56		
Advertising and printing	335 96		
Legal expense	1,635 93		
Printing annual report	175 00		
Directories	7 00		
Rubber stamp	5 50		
Mops and pail	4 13		
Globes	3 50		
Egyptian powder	10 66		
Hardware, etc	3 05		
Feather duster	1 00		
Oil, etc	70		
Ash can and cover	3 25		
Waste pan	1 75		
Plumbing	50		
Stable supplies and expense	819 10		
Repairs of vehicles and harness	339 00		
	$7,615 68		$82,392 28

DETAILED RECEIPTS AND EXPENDITURES—CONTINUED.

Amount brought forward..	$7,615 68		$82,392 28
EXPENSE ACCOUNT—Continued.			
Blacksmithing	107 16		
Two horses	625 00		
Horse hire	84 06		
Medical treatment for horses	53 85		
Whips, etc	5 45		
		8,491 20	
INSPECTION.			
Inspectors' wages		7,176 00	
SALARIES.			
Commissioners' salaries	3,500 00		
Officers' salaries	16,787 43		
		20,287 43	
ENGINEERING.			
Engineers' services	2,075 00		
Draughtsman	895 85		
Stationery, books and printing	41 40		
Steel tape, etc	16 00		
Rope	2 79		
Paint, etc	1 35		
Blacksmithing	75		
Department expenses	75 75		
Sundry material	8 44		
Labor	482 45	3,599 78	39,554 41

PUMPING.

Amount brought forward..			$121,946 69
BELLEVILLE FUEL ACCOUNT AND WAGES.			
Coal	$19,878 23		
Wood	14 00		
Repairing scales	11 00		
Rope	12 53		
Shovels	3 90		
Hardware, etc	1 14		
Stable expense	223 61		
Blacksmithing	60 25		
Engineer's and firemen's wages at Belleville	13,383 30		
Labor, handling coal, etc	1,855 17		
Sundry expense	86 43		
		35,529 56	
BELLEVILLE ENGINE STORES.			
General supplies and stores	456 91		
Oil	1,130 36		
	$1,587 27	$35,529 56	$121,946 69

DETAILED RECEIPTS AND EXPENDITURES—CONTINUED.

Amount brought forward..	$1,587 27	$35,529 56	$121,946 69
BELLEVILLE ENGINE STORES. Continued.			
Kerosene	14 88		
Gasoline	214 94		
Boiler cleaner	170 25		
Soap and pearline	14 85		
Iron	14 09		
Tallow	7 66		
Paint, etc	4 46		
Cumberland coal	3 25		
Hardware, etc	78		
Plumbing	3 65		
Sundry expense	10 11		
		2,046 19	
HIGH SERVICE FUEL ACCOUNT AND WAGES.			
Coal	9,706 51		
Wood	25 50		
Carting	193 73		
High Service engineer's and firemen's wages	6,180 00		
Labor, handling coal, etc	1,129 68		
Sundry expense	80		
		17,236 22	
HIGH SERVICE ENGINE STORES.			
General supplies and stores	190 38		
Oil	406 60		
Kerosene	80		
Gas at pump house	428 40		
Ice	20 25		
Paints, etc	21 86		
Paint brush	50		
Machine work	27 37		
Soap and pearline	13 90		
Hardware, etc	12 99		
Boiler cleaner	8 00		
Tallow	1 65		
Blacksmithing	3 50		
Sundry expense	75		
Labor	15 00		
		$1,151 95	$55,963 92

SERVICE ACCOUNT.

⅝-inch lead pipe	$4,203 28		
1 " " "	526 09		
1¼ " " "	8 75		
1½ " " "	40 04		
	$4,778 16		$177,910 61

DETAILED RECEIPTS AND EXPENDITURES—CONTINUED.

Amount brought forward..	$4,778 16		$177,910 61
SERVICE ACCOUNT—Continued.			
1500 ⅝-inch curb stops.....	1,200 00		
66 1-inch curb stops.....	122 10		
1500 ⅝-inch corporation stops....	975 00		
66 1-inch corporation stops.....	120 60		
1458 iron curb stop boxes.....	2,114 10		
1 iron curb stop box returned...	3 00		
227 curb box covers.....	81 72		
Plumbing.....	18 30		
Machine work.....	44 12		
Repairs of vehicles and harness....	13 50		
Repairs of stop boxes.....	15 00		
Carting.....	15 00		
Hardware, etc.....	1 77		
Mason work.....	9 25		
Sundry material	137 45		
Sundry expense.....	28 95		
Plumbers' credits for joints	1,908 75		
Labor.....	7,836 73	19,423 50	$19,423 50
INTEREST—FUNDED DEBT.			
Amount of coupon interest due 1888	180,600 00		
Amount of registered interest due 1888.....	55,605 00		236,205, 00
MISCELLANEOUS EXPENDITURES.			
WATER METER ACCOUNT.			
2 ¾-inch meters.....	42 40		
17 ⅝ " "	254 53		
25 1 " "	733 41		
6 2 " "	269 55		
1 3 " "	85 00		
Sundry expense.....	25 10		
		1,409 99	
HYDRANT ACCOUNT.			
72 new hydrants.....		2,150 77	
MISCELLANEOUS ACCOUNTS.			
Time loans paid	130,000 00		
Interest on same.....	1,059 43		
Three years' insurance...	162 50		
Loss and gain.....	121 49		
Sundry expense, new supply survey.....	6 80		
		131,350 22	134,910 98
Total expenditures.....			568,450 09
Balance on hand November 30, 1888.....			10,913 54
			$579,363 63

STATEMENT OF STREET MAINS LAID
DURING THE YEAR ENDING NOVEMBER 30TH, 1888.

DATE.	LOCATION.	NO. OF FEET.	COST.	TOTAL.
1887				
Dec. 10	*Sixth Avenue Main, from Parker to Ridge Streets.*	252		
	252 feet 6-inch pipe.....		$128 52	
	1 6-inch Galvin stop.....		16 00	
	1 6-inch box, frame and cover..		5 00	
	1 6x6 double branch.....		8 43	
	1 6x4 reducer.....		4 03	
	2 6-inch plugs.....		2 17	
	320 pounds lead.....		17 60	
	8 pounds yarn.....		56	
	5 bushels coke.....		49	
	Labor.....		242 89	
				$425 69
" 13	*North 5th St. Main, from Orange St. to Seventh Ave.*			
	576 feet 6-inch pipe.....		293 76	
	1 6-inch Galvin stop.....	579	16 00	
	1 6-inch box, frame and cover..		5 00	
	1 6x4 single branch.....		7 07	
	1 6-inch sleeve.....		2 76	
	1 6-inch plug.....		1 09	
	2 6-inch ¼ bends.....		7 77	
	10 feet 6-inch hub.....		5 10	
	628 pounds lead.....		34 54	
	18 pounds yarn.....		1 26	
	6 bushels coke.....		42	
	10½ feet 4-inch hub.....		5 36	
	Labor.....		274 09	
1888				654 22
Jan'y 17	*Winans Avenue Main, from dead end to Bergen Street.*			
	444 feet 6-inch pipe.....	435	226 44	
	1 6-inch sleeve.....		2 87	
	1 6x4 single branch.....		7 21	
	1 6-inch plug.....		1 09	
	12 feet 4 inch pipe.....		3 72	
	410 pounds lead.....		24 60	
	18 pounds yarn.....		1 26	
	9 bushels coke.....		63	
	Labor		141 80	
				409 62
April	*Rose Street Main, from Broome St. to Barclay Street.*	268		
	276 feet 6 inch pipe.....		140 76	
"	1 6-inch Galvin stop.....		16 00	
	1 6-in. stop box, frame & cover		5 00	
	11 feet 6-inch spigot.....		5 61	
			$167 37	$1,489 53

STATEMENT OF STREET MAINS LAID—CONTINUED.

DATE.	LOCATION.	NO. OF FEET.	COST.	TOTAL.
	Amount brought forward..		$167 37	$1,489 53
April	230 pounds lead.....		11 50	
	8 pounds yarn.....		56	
	6 bushels coke.....		42	
	Labor.....		90 19	
				270 04
"	*St. Francis St. Main, from dead end north to George St., and in George St. west to Maine St.*	623		
	612 feet 6-inch pipe.....		312 12	
	2 6x4 single branches.....		14 18	
	1 6x4 double branch.....		8 61	
	2 6-inch plugs.....		2 17	
	2 6-inch Galvin stops.....		32 00	
	2 stop boxes, frames and covers		10 00	
	24 feet 4-inch pipe.....		7 44	
	503 pounds lead.....		25 15	
	13 pounds yarn.....		91	
	10 bushels coke.....		70	
	Labor.....		115 57	
				528 85
"	*Emmet St. Main, from Mulberry St. east to Goble St.*	733		
	720 feet 6-inch pipe.....		367 20	
	1 6x4 single branch.....		7 21	
	1 6x6 single branch.....		7 18	
	12 feet 4-inch pipe.....		3 72	
	1 6-inch plug.....		1 08	
	1 6-inch cap.....		1 09	
	2 6-inch ⅛ bends.....		7 66	
	1 6-inch stop.....		16 00	
	1 6-inch stop box, frame & cover		5 00	
	658 pounds lead.....		32 90	
	16 pounds yarn.....		1 12	
	8 bushels coke.....		56	
	Labor.....		131 84	
				582 56
"	*Jersey St. Main, from Van Vliet Malt House, east and south under Canal, to Market Street.*	848		
	828 feet 6 inch pipe.....		422 28	
	2 6-inch Galvin stops.....		32 00	
	2 6-in. stop boxes, frames, and covers.....		10 00	
	1 6x6 single branch.....		7 21	
	2 6x4 single branch.....		14 63	
	1 4x4 single branch.....		3 08	
			$489 20	$2,870 98

STATEMENT OF STREET MAINS LAID—CONTINUED.

DATE.	LOCATION.	NO. OF FEET.	COST.	TOTAL.
	Amount brought forward..		$489 20	$2,870 98
April	1 6x4 double branch.....		8 40	
	2 6x4 reducers.....		7 32	
	3 6-inch sleeves.....		8 61	
	2 4-inch sleeves.....		3 53	
	1 6-inch ⅛ bend.....		4 34	
	11 6-inch ¼ bend.....		34 11	
	1 4-inch Galvin stop.....		11 00	
	1 4-inch stop box, frame & cover		2 50	
	24 feet 4-inch pipe.....		7 44	
	11 feet 4-inch hub.....		3 41	
	15 feet 6-inch hub.....		7 65	
	Wrought iron pipe.....		41 61	
	1 6-inch plug.....		1 09	
	Hardware.....		3 55	
	Carting.....		30 00	
	Service of fire engine.....		35 00	
	200 bags.....		14 00	
	Duck.....		11 45	
	Lumber.....		120 44	
	1298 pounds lead.....		64 90	
	Wood, yarn, coke, etc.....		8 30	
	Labor.....		1083 76	
				2,001 61
May	*Livingston Street Main, from 17th Ave. to 18th Avenue.*	562		
	552 feet 6 inch pipe.....		209 76	
	1 6x4 reducer.....		3 85	
	2 6-inch beveled hubs.....		7 70	
	2 6-inch stops.....		32 00	
	2 6-in. stop boxes, frames, and covers.....		10 00	
	15 pounds yarn.....		1 05	
	Coke.....		63	
	467 pounds lead.....		23 35	
	Labor.....		276 91	
				565 25
"	*Bergen Street Main, from Bank Ss to Cabinet Street.*	458		
	456 feet 6-inch pipe.....		173 28	
	2 6-inch stops.....		32 00	
	2 6-in. stop boxes, frames, and covers.....		10 00	
	520 pounds lead.....		26 00	
	Yarn and coke.....		1 54	
	Labor.....		124 25	367 07
				$5,804 91

STATEMENT OF STREET MAINS LAID—CONTINUED.

DATE.	LOCATION.	NO. OF FEET.	COST.	TOTAL.
	Amount brought forward..			$5,804 91
May	*Waverly Place Main, from Fairview Avenue to Bergen Street.*	357		
	324 feet 6-inch pipe.....		123 12	
	2 6x6 single branches.....		14 06	
	2 6-inch stops.....		32 00	
	2 6-in. stop boxes, frames, and covers.....		10 00	
	3 6-inch plugs.....		3 25	
	1 6-inch beveled hub.....		3 71	
	1 6x4 single branch.....		7 21	
	12 feet 4-inch pipe.....		3 72	
	13 feet 6-inch spigot.....		4 94	
	6 feet 6-inch hub.....		1 98	
	430 pounds lead.....		21 50	
	Yarn and coke.....		1 47	
	Labor.....		96 17	
				323 13
"	*Clifton Avenue Main, from 5th Avenue to Bloomfield Avenue.*	1097		
	1116 feet 10-inch pipe.....		909 54	
	1 10x4 single branch.....		10 12	
	1 10x6 double branch.....		10 85	
	2 6-inch plugs.....		2 17	
	1 10-inch sleeve.....		3 25	
	1 10-inch beveled hub.....		10 22	
	2 10-inch Galvin stops.....		70 00	
	2 6-inch boxes, frames & covers		10 00	
	1 4-inch Galvin stop.....		11 00	
	1 4-inch box, frame and cover.		2 50	
	10½ feet 4-inch pipe.....		3 72	
	1534 pounds lead.....		76 70	
	Yarn and coke.....		4 90	
	Labor and carting.....		614 44	
				1,739 41
June	*Thirteenth Ave. Main, from dead end to Howard Street.*	492		
	480 feet 6-inch pipe.....		182 40	
	2 6-inch Galvin stops.....		32 00	
	2 6-inch boxes, frames & covers		10 00	
	4 feet 6-inch hub.....		1 52	
	6 feet 6-inch spigot.....		2 28	
	527 pounds lead.....		26 35	
	Yarn and wood.....		1 54	
	Labor.....		187 07	443 16
				$8,310 61

STATEMENT OF STREET MAINS LAID—CONTINUED.

DATE.	LOCATION.	NO. OF FEET.	COST.	TOTAL.
	Amount brought forward.			$8,310 61
June	*Waverly Avenue Main, from deaa end to Bergen Street.*	472		
	456 feet 6-inch pipe		173 28	
	2 6-inch Galvin stops		32 00	
	2 6-inch boxes, frames & covers		10 00	
	2 6-inch beveled hubs		8 33	
	1 6x6 double branch		7 24	
	2 6x4 single branches		14 45	
	2 6-inch plugs		2 17	
	1 4-inch plug		42	
	12 feet 4-inch pipe		3 72	
	587 pounds lead		29 35	
	Yarn and wood		1 26	
	Labor		126 72	
				408 94
"	*Quitman Street Main, from Montgomery to West Kinney Streets.*	437		
	432 feet 6-inch pipe		164 16	
	2 6-inch Galvin stops		32 00	
	2 6-inch boxes, frames & covers		10 00	
	1 6x4 reducer		3 92	
	480 pounds lead		24 00	
	Yarn and coke		1 47	
	Labor		91 81	
				327 36
"	*Aqueduct St., from dead end south, from Verona Ave. 200 feet.*	219		
	216 feet 6-inch pipe		82 08	
	1 6x4 single branch		7 17	
	12 feet 4-inch pipe		3 72	
	1 6-inch plug		1 09	
	1 4-inch plug		42	
	285 pounds lead		14 25	
	Yarn and coke		1 19	
	Labor		77 29	
				187 21
"	*Verona Ave. Main, from dead ena west to DeGraw Ave., and south in DeGraw Ave. 500 feet.*	626		
	612 feet 6-inch pipe		232 56	
	1 6x4 single branch		9 40	
	1 6x6 double branch		8 50	
	1 6x4 single branch		7 60	
	1 6x4 reducer		3 85	
	1 4-inch plug		42	
	2 6-inch plugs		2 17	
			$264 50	$9,234 12

STATEMENT OF STREET MAINS LAID—CONTINUED.

DATE.	LOCATION.	NO. OF FEET.	COST.	TOTAL.
	Amount brought forward..		$264 50	$9,234 12
June	24 feet 4-inch pipe.....		7 44	
	2 6-inch Galvin stops.....		32 00	
	2 6-inch boxes, frames & covers		10 00	
	815 pounds lead.....		40 75	
	Yarn and coke.....		2 10	
	Labor.....		235 52	
				592 31
	Verona Ave. Main, from Summer to Mt. Prospect Aves.	30 10-in. 629 6-in.		
	624 feet 6-inch pipe.....		237 12	
	1 6-inch sleeve.....		4 00	
	1 6x4 single branch.....		7 24	
	1 6x6 double branch.....		8 61	
	1 6x4 reducer.....		2 63	
	4 6-inch plugs.....		4 34	
	24 feet 4-inch pipe.....		7 44	
	1 6-inch stop.....		16 00	
	1 6-inch box, frame and cover..		5 00	
	24 feet 10-inch pipe.....		19 56	
	1 10x6 double branch.....		14 35	
	1 10x6 reducer.....		11 24	
	978 pounds lead.....		48 90	
	Yarn and coke.....		3 71	
	Labor.....		188 99	
				579 13
July	*Clark Street, from Broad Street to Belleville Avenue.*	318		
	312 feet 6 inch pipe.....		118 56	
	2 6-inch ¼ bends.....		7 35	
	2 6-inch Galvin stops.....		32 00	
	2 6-inch boxes, frames & covers		10 00	
	370 pounds lead.....		18 50	
	Yarn and coke.....		1 61	
	Labor and carting.....		146 84	
				334 86
"	*Magazine Street, from Frankfort to Amsterdam Streets.*	306		
	300 feet 6-inch pipe..... .		114 00	
	1 6x6 double branch.....		8 47	
	1 6x4 single branch.....		7 24	
	1 6-inch plug.....		1 09	
	1 6-inch Galvin stop.....		16 00	
	1 6-inch box, frame and cover..		5 00	
	12 feet 4-inch pipe.....		3 72	
	460 pounds lead.....		23 00	
	Yarn and coke.....		1 20	
	Labor.....		93 66	273 38
				$11,013 80

STATEMENT OF STREET MAINS LAID—CONTINUED.

DATE.	LOCATION.	NO. OF FEET.	COST.	TOTAL.
	Amount brought forward..			$11,013 80
July	*Avenue A Main, from Emmett St. 150 feet south of Wright St.*	406		
	396 feet 6-inch pipe.....		150 48	
	1 6x4 reducer.....		3 85	
	1 6x6 double branch.....		8 61	
	1 6x4 single branch.....		7 24	
	3 6-inch plugs.....		3 26	
	12 feet 4-inch pipe.....		3 72	
	1 6-inch Galvin stop.....		16 00	
	1 6-inch box, frame and cover..		5 00	
	420 pounds lead.....		21 00	
	Yarn and coke.....		1 33	
	Labor.....		94 17	
				314 66
"	*Frelinghuysen Avenue Main, from Poineer to Alpine Streets.*	527		
	516 feet 6-inch pipe.....		196 08	
	2 6x6 double branches.....		16 55	
	1 6x4 single branch.....		7 28	
	5 6-inch plugs.....		5 43	
	12 feet 4-inch pipe.....		3 72	
	2 6-inch galvin stops.....		32 00	
	2 6-inch boxes, frames & covers		10 00	
	760 pounds lead.....		38 00	
	Yarn and coke.....		2 38	
	Labor and carting.....		179 75	
				491 19
"	*Warren Street Main, from Central Avenue to 8th Street.*	936		
	912 feet 6-inch pipe.....		346 56	
	2 6x4 single branches.....		14 38	
	1 6x6 Y branch.....		8 08	
	4 6x6 single branches.....		30 38	
	1 6-inch sleeve.....		2 80	
	24 feet 4-inch pipe.....		7 44	
	4 6-inch plugs.....		4 34	
	2 6-inch galvin stops.....		32 00	
	2 6-inch boxes, frames & covers		10 00	
	1215 pounds lead.....		60 75	
	Yarn and coke.....		2 73	
	Labor and carting.....		276 48	
				795 94
August	*South 7th Street, from Jacob Street to 16th Avenue.*	746		
	732 feet 6-inch pipe.....		278 16	
	2 6-inch galvin stops.....		32 00	
			$310 16	$12,615 59

STATEMENT OF STREET MAINS LAID—CONTINUED.

DATE.	LOCATION.	NO. OF FEET.	COST.	TOTAL.
	Amount broughd forward..		$310 16	$12,615 59
August	2 6-inch boxes, frames & covers		10 00	
	1 6x4 reducer.....		3 53	
	1 6x4 single branch.....		7 25	
	1 6x6 double branch.....		8 58	
	12 feet 4-inch pipe.....		3 16	
	2 6-inch plugs.....		2 17	
	843 pounds lead.....		42 15	
	1 4-inch stop-box and cover....		2 50	
	Yarn and coke.....		1 96	
	Labor and carting.....		188 42	
				579 88
	Badger Ave. Main, from Vanderpool St. to Avon Ave.	727		
	708 feet 6 inch pipe.....		269 04	
	2 6-inch galvin stops.....		32 00	
	2 6-inch boxes, frames & covers		10 00	
"	1 6x6 double branch.....		8 43	
	1 6x4 single branch.....		7 18	
	2 6-inch plugs.....		2 17	
	12 feet 4-inch pipe.....		3 16	
	11 feet 6-inch hub.....		4 18	
	945 pounds lead.....		47 25	
	Yarn and coke.....		2 87	
	Labor and carting.....		271 63	657 91
	Fourteenth Ave. Main, from South 18th to South 19th Streets.	220		
	216 feet 6-inch pipe.....		82 08	
	1 6-inch Galvin stop		16 00	
	1 6-inch box, frame, and cover.		5 00	
	1 6x4 single branch.....		7 28	
	12 feet 4-inch pipe.....		3 16	
	260 pounds lead.....		13 00	
	Yarn and coke		70	
	Labor		83 54	210 76
	Magnolia St. Main, from 18th Ave to Bergen St.	333		
	324 feet 6-inch pipe.....		123 12	
	1 6x4 single branch.....		7 21	
"	12 feet 4-inch pipe.....		3 16	
	1 6-inch sleeve.....		2 80	
	2 6-inch beveled hubs.....		7 91	
	1 6-inch plug.....		1 09	
	405 pounds lead.....		20 25	
	Yarn and coke.....		1 19	
	Labor.....		125 00	291 73
				$14,355 87

STATEMENT OF STREET MAINS LAID—CONTINUED.

DATE.	LOCATION.	NO. OF FEET.	COST.	TOTAL.
	Amount brought forward..			$14,355 87
August	*Delancy Street Main, from Van Buren to Adams Streets.*	447		
	444 feet 6-inch pipe.....		$ 168 72	
	1 6-inch Galvin stop.....		16 00	
	1 6-inch box, frame and cover..		5 00	
	1 6x4 single branch.....		7 10	
	12 feet 4-inch pipe.....		3 16	
	1 6-inch plug.....		1 09	
	556 pounds lead.....		27 80	
	Yarn and coke.....		1 33	
	Labor.....		92 67	
				322 87
"	*Hillside Ave. Main, from Clinton Ave. to Avon Ave.*	695		
	684 feet 6-inch pipe.....		259 92	
	3 6-inch beveled hubs.....		11 48	
	2 6-inch Galvin stops.....		32 00	
	2 6-in. boxes, frames and covers.		10 00	
	860 pounds lead.....		43 00	
	Yarn and coke		1 75	
	Labor and carting		274 14	
				632 29
,,	*Badger Ave. Main, from Rose to Boyd Streets.*	768		
	756 feet 6-inch pipe.....		287 28	
	4 6-inch Galvin stops.....		64 00	
	4 6-in. boxes, frames and covers.		20 00	
	1 6x6 double branch		8 64	
	2 6-inch single branches.....		14 03	
	1 6-inch sleeve		2 94	
	3 6-inch plugs.....		3 26	
	921 pounds lead.....		46 05	
	Yarn and coke.....		2 03	
	Labor.....		181 45	
				629 68
Sept.	*Avon Ave. Main, from Barclay to Prince Streets.*	596		
	588 feet 6-inch pipe.....		223 44	
	2 6-inch Galvin stops.....		32 00	
	2 6-inch boxes, frames & covers		10 00	
	1 6x6 single branch		7 14	
	1 6x4 reducer.....		3 82	
	630 pounds lead.....		31 50	
	Yarn and coke.....		1 61	
	Labor.....		201 48	510 99
				$16,451 70

STATEMENT OF STREET MAINS LAID—CONTINUED.

DATE.	LOCATION.	NO. OF FEET.	COST.	TOTAL.
	Amount brought forward..			$16,451 70
Sept.	*Clinton Ave. Main, from Badger Ave. to Hunterdon St., and in Hunterdon St., from Clinton Ave. to Vanderpool Street.*	1,522		
	1500 feet 6-inch pipe.....		570 00	
	1 6x4 single branch.....		7 32	
	4 6-inch plugs.....		4 20	
	2 6-inch ⅛ bends.....		8 78	
	1 6x4 single branch.....		7 24	
	1 6x6 Y branch.....		7 77	
	1 6x6 double branch		8 58	
	1 6x6 single branch.....		7 00	
	2 4-inch hubs.....		4 06	
	24 feet 4-inch pipe.		6 32	
	4 6-inch Galvin stops		64 00	
	4 6-in. boxes, frames & covers.		20 00	
	2395 pounds lead.....		119 75	
	Yarn and coke.....		7 00	
	Labor and carting		391 31	
				1,233 33
"	*Jelliff Ave. Main, from Clinton Ave. north about 430 feet.*	439		
	432 feet 6-inch pipe.....		164 16	
	1 6x6 double branch.....		8 68	
	1 6x4 single branch.....		7 14	
	1 6-inch Galvin stop		16 00	
	1 6-inch box, frame and cover..		5 00	
	12 feet 4-inch pipe.....		3 16	
	1 6-inch plug.....		1 26	
	460 pounds lead.....		23 00	
	Yarn and coke.....		1 47	
	Labor		122 63	
				352 50
"	*Pennsylvania Ave., from Vanderpool St. to Poinier St., and in Poinier St., from Pennsylvania Ave. to Frelinghuysen Ave.*	788		
	780 feet 6-inch pipe.....		296 40	
	1 6x4 reducer		3 78	
	1 6x6 double branch.....		8 85	
	3 6-inch Galvin stops.....		48 00	
	3 6-inch boxes and covers.....		15 00	
	940 pounds lead.....		47 00	
	Yarn and coke.....		1 61	
	Labor.....		215 10	635 74
				$18,673 27

STATEMENT OF STREET MAINS LAID—CONTINUED.

DATE.	LOCATION.	NO. OF FEET.	COST.	TOTAL.
	Amount brought forward..			$18,673 27
Sept.	*South 12th St. Main, from Springfield Ave. south about 325 feet.*	338		
	324 feet 6-inch pipe.....		123 12	
	1 6x6 single branch.....		7 00	
	1 6-inch sleeve.....		2 80	
	1 6x4 double branch.....		8 40	
	1 6x4 single branch.....		7 38	
	2 4-inch plugs.....		84	
	1 6-inch plug.....		1 09	
	1 6-inch stop.....		16 00	
	1 6-inch box, frame and cover..		5 00	
	12 feet 4-inch pipe.....		3 16	
	400 pounds lead.....		20 00	
	Yarn and coke.....		84	
	Labor.....		123 45	
				319 08
Oct.	*Morris Ave. Main, from 15th Ave. north about 300 feet.*	328		
	324 feet 6-inch pipe.....		123 12	
	1 6x4 single branch.....		7 21	
	12 feet 4-inch pipe.....		3 16	
	1 6-inch Galvin stop.....		16 00	
	1 6-inch stop box, frame and cover.....		5 00	
	410 pounds lead.....		20 50	
	Yarn and coke.....		1 12	
	Labor.....		110 03	
				286 14
"	*Fifth Ave. Main from Cutler St, to Garside Street.*	265		
	264 feet 6-inch pipe.....		100 32	
	300 pounds lead.....		15 00	
	Yarn and coke.....		91	
	Labor.....		77 63	
				193 86
"	*Bleecker Street Main, from High Street west.*	221		
	216 feet 6-inch pipe.....		82 08	
	1 10x6 patent sleeve and stop..		60 00	
	1 6-inch stop box, frame & cover		5 00	
	12 feet 4-inch pipe.....		3 16	
	1 6-inch sleeve.....		2 80	
	1 6x4 single branch.....		7 45	
	360 pounds lead.....		18 00	
	Yarn and coke.....		1 33	
	Labor.....		266 57	446 39
				$19,918 74

STATEMENT OF STREET MAINS LAID—CONTINUED.

DATE.	LOCATION.	NO. OF FEET.	COST.	TOTAL.
	Amount brought forward..			$19,918 74
Oct.	*Dickerson Street Main, from Morris Ave. to First Street.*	352		
	348 feet 6-inch pipe.....		132 24	
	1 6-inch sleeve.....		3 01	
	1 6x4 single branch.....		7 42	
	12 feet 4-inch pipe.....		3 16	
	1 6-inch plug.....		1 10	
	1 6-inch stop.....		16 00	
	1 6-inch box, frame and cover..		5 00	
	475 pounds lead.....		23 75	
	Yarn and coke.....		1 40	
	Labor.....		95 60	
				288 68
Nov.	*Lombardy Street Extension, from dead end to Front Street.*	522		
	480 feet 6-inch pipe.....		182 40	
	2 3x6 single branches.....		7 56	
	2 6x4 reducers.....		5 35	
	2 6-inch beveled spigots.....		3 29	
	1 4-inch sleeve.....		1 82	
	2 3-inch sleeves		2 80	
	2 6x6 double branches.....		17 78	
	2 6-inch sleeves.....		5 94	
	1 6x6 single branch.....		7 07	
	12 feet 4-inch pipe.....		3 16	
	8 feet 6-inch spigot.....		3 04	
	4 feet 6-inch hub.....		1 52	
	4 6-inch stops.....		64 00	
	4 6-inch boxes, frames & covers		20 00	
	2 4-inch boxes.....		5 00	
	860 pounds lead.....		43 00	
	Yarn and coke...		2 66	
	Labor.....		254 06	
				630 45
"	*Rose St. Main, from Somerset to Barclay Streets.*	265		
	264 feet 6-inch pipe.....		100 32	
	1 6-inch stop.....		16 00	
	1 6 inch box, frame and cover..		5 00	
	272 pounds lead.....		13 60	
	Yarn and coke.....		50	
	Labor		83 87	219 29
				$21,057 16

STATEMENT OF STREET MAINS LAID—CONTINUED.

DATE.	LOCATION.	NO. OF FEET.	COST.	TOTAL.
	Amount brought forward.			$21,057 16
	Drift Street Main.	680		
	660 feet 24-inch pipe		1,780 23	
	1 24x24 double branch		69 38	
	1 24-inch sleeve		17 50	
	2 24-inch plugs		18 35	
	1 24-inch stop, box, frame and cover		252 00	
	1 24-inch bend		34 63	
	36½ feet 24 inch pipe (pieces)		111 50	
	3786 pounds lead		204 90	
	Yarn and coke		15 33	
	Wedges, blocking, etc.		43 15	
	Lumber		233 00	
	Labor and carting		2,143 49	
				4,923 46
	Broad Street Extension.	4,017		
	3960 feet 20-inch pipe		8,450 75	
	11 20x6 double branches		326 59	
	2 20-inch stops		254 00	
	2 20-inch stop boxes		16 00	
	1 24x20 reducer		29 08	
	1 20x20 single branch		152 33	
	1 20-inch plug		3 78	
	2 1-inch corporations		3 70	
	12,234 pounds lead		611 70	
	Yarn and coke		19 25	
	Connection at Marshall Street—			
	1 6-inch Galvin stop		16 00	
	1 6-inch box, frame and cover		5 00	
	2 6x4 reducers		4 93	
	3½ feet 6-inch hub		1 33	
	Connection at E. Kinney St.—			
	1 6-inch Galvin stop		16 00	
	1 6-inch box, frame and cover		5 00	
	2 6x4 reducers		5 43	
	2 4x3 reducers		3 64	
	6 feet 6-inch spigot		2 28	
	Clinton Ave. Connection—			
	2 6-inch Galvin stops		32 00	
	2 6-inch boxes, frames & covers		10 00	
	2 6-inch ¼ bends		8 33	
	5 feet 6-inch pipe		1 90	
	8 feet 6-inch hub		3 04	
	4 feet 6-inch spigot		1 52	
			9,983 58	$25,980 62

STATEMENT OF STREET MAINS LAID—CONTINUED.

DATE.	LOCATION.	NO. OF FEET.	COST.	TOTAL.
	Amount brought forward..		9,983 58	$25,980 62
	La Grange Place Connection—			
	1 6-inch Galvin stop.....		16 00	
	1 6-inch box, frame and cover..		5 00	
	4 6-inch beveled hubs.....		14 07	
	12 feet 6-inch pipe.....		4 56	
	South Street Connection—			
	1 6-inch Galvin stop.....		16 00	
	1 6-inch box, frame and cover..		5 00	
	4 4-inch beveled hubs.....		8 36	
	1 6x4 reducer.....		2 59	
	12 feet 4-inch pipe.....		3 72	
	Thomas Street Connection—			
	1 6-inch Galvin stop.....		16 00	
	1 6-inch box, frame and cover..		5 00	
	1 6-inch ⅛ bend.....		4 51	
	1 6-inch beveled hub.....		3 53	
	1 6x4 reducer.....		2 59	
	2 4-inch beveled hubs.....		4 20	
	4 feet 4-inch hub and 3 feet 6-inch spigot.....		2 26	
	Parkhurst Street Connection—			
	1 6-inch Galvin stop.....		16 00	
	1 6-inch box, frame and cover .		5 00	
	3 6-inch ⅛ bends.....		12 78	
	1 6-inch beveled hub.....		3 92	
	9 feet 6-inch pipe.....		3 42	
	Gillett Place Connection—			
	1 6-inch Galvin stop.....		16 00	
	1 6-inch box, frame and cover..		5 00	
	2 6x4 reducers.....		5 36	
	3 4-inch beveled hubs.....		6 26	
	12 feet 4-inch pipe.....		3 72	
	3½ feet 6-inch spigot.....		1 33	
	Murray Street Connection—			
	1 6-inch Galvin stop.....		16 00	
	1 6-inch box, frame and cover..		5 00	
	12 feet 6-inch pipe.....		4 56	
	8 feet 6-inch spigot.....		3 04	
	Astor Street Connection—			
	1 6-inch Galvin stop.....		16 00	
	1 6-inch box, frame and cover..		5 00	
	2 6x4 reducers.....		5 49	
	2 4-inch ⅛ bends.....		5 39	
	8 feet 6-inch spigot.....		3 04	
			10,239 28	$25,980 62

STATEMENT OF STREET MAI NS LAID—CONTINUED.

DATE.	LOCATION.	NO. OF FEET.	COST.	TOTAL.
	Amount brought forward..		10,239 28	$25,980 62
	Emmet St. Connection—			
	1 6-inch Galvin stop.....		16 00	
	1 6-inch box, frame and cover....		5 00	
	4 6-inch beveled hubs.....		19 93	
	12 feet 6-inch pipe.....		4 56	
	Lumber.....		84 03	
	Use of fire engine.....		10 00	
	Cement pipe and cement.....		44 80	
	Carting pipe.....		420 80	
	Expense.....		3 60	
	Labor....		3,862 82	
				$14,710 82
	Twelfth Ward Extension, 16 and 12 inch—			
	3072 feet 16-inch pipe.....		4,482 75	
	2304 feet 12-inch pipe.....		2,238 59	
	7 16x6 double branches.....		130 50	
	1 16x6 single branch.....		19 13	
	1 16x12 single branch.....		19 25	
	1 20x16 reducer.....		11 48	
	1 16x6 single branch.....		19 13	
	1 16-inch sleeve		6 15	
	1 16-inch plug.....		2 60	
	1 16-inch cap.....		3 38	
	1 16-inch ⅛ bend.....		8 32	
	3 16-inch Galvin stops.....		240 00	
	3 16-inch boxes, frames and covers.....		30 00	
	5 12x6 double branches.....		72 83	
	2 12-inch sleeves		9 97	
	2 12-inch Galvin stops		80 00	
	2 12-inch boxes, frames and Covers.....		20 00	
	15351 pounds lead.....		767 55	
	Yarn and coke		24 70	
	Van Buren St. Connection—			
	2 6-inch Galvin stops		32 00	
	2 6-inch boxes, frames & covers.		10 00	
	72 feet 6-inch pipe.....		27 36	
	8 feet 6-inch spigot		3 04	
	Sandford Street Connection—			
	1 6-inch Galvin stop.....		16 00	
	1 6-inch box, frame and cover...		5 00	
	36 feet 6-inch pipe.....		12 68	
	1 6-inch sleeve.....		2 94	
	2 6-inch beveled hubs.....		7 53	
			8,302 88	$40,691 44

STATEMENT OF STREET MAINS LAID—CONTINUED.

DATE.	LOCATION.	NO. OF FEET.	COST.	TOTAL.
	Amount brought forward..		8,302 88	$40,691 44
	Lang Street Connection—			
	2 6-inch Galvin stops.....		32 00	
	2 6-inch boxes, frames and covers		10 00	
	60 feet 6-inch pipe.....		22 80	
	1 45° 6-inch bend.....		4 27	
	1 90° 6-inch bend.....		5 60	
	Hamburgh Place Connection—			
	2 6-inch stops.....		32 00	
	2 6-inch boxes, frames & covers.		10 00	
	24 feet 6-inch pipe.....		9 12	
	Darcy Street Connection—			
	2 6-inch Galvin stops.....		32 00	
	2 6-inch boxes, frames & covers.		10 00	
	36 feet 6-inch pipe..		12 68	
	1 6-inch single branch		7 07	
	1 6-inch sleeve.....		3 05	
	Bremen Street Connection—			
	1 6-inch Galvin stop.....		16 00	
	1 6-inch box, frame and cover...		5 00	
	24 feet 6-inch pipe.....		9 12	
	2 6-inch beveled hubs.....		7 95	
	Komorn Street Connection—			
	1 6-inch stop.....		16 00	
	1 6-inch box, frame and cover ..		5 00	
	36 feet 6-inch pipe.....		12 68	
	2 6-inch beveled hubs.....		7 63	
	Niagara Street Connection—			
	2 6-inch Galvin stops.....		32 00	
	2 6-inch boxes, frames & covers.		10 00	
	36 feet 6-inch pipe.....		12 68	
	3 6-inch beveled hubs.....		10 38	
	Main Street Connection—			
	2 6-inch stops.....		32 00	
	2 6-inch boxes, frames & covers.		10 00	
	12 feet 6-inch Pipe.....		4 42	
	Magazine Street Connection—			
	2 6-inch galvin stops.....		32 00	
	2 6-inch boxes, frames & covers.		10 00	
	24 feet 6-inch Pipe.....		9 12	
	St. Francis Street Connection—			
	2 6-inch stops.....		32 00	
	2 6-inch boxes, frames & covers.		10 00	
	24 feet 6-inch pipe.....		9 12	
	2 6-inch beveled hubs.....		7 35	
			8,793 92	$40,691 44

STATEMENT OF STREET MAINS LAID—CONTINUED.

DATE.	LOCATION.	NO. OF FEET.	COST.	TOTAL.
	Amount brought forward.....		8,793 92	$40,691 44
	St. Charles Street Connection—			
	1 6-inch stop.....		16 00	
	1 6-inch box, frame and cover..		5 00	
	12 feet 6-inch pipe.....		4 50	
	4 6-inch beveled hubs.....		14 56	
	Lumber.....		4 73	
	Carting.....		189 10	
	Labor.....		2,452 51	
				11,480 32
July	Spruce Street Main—			
	Carting pipe.....		14 00	
Sept.	Alpine Street Main—			
	Labor.....		4 25	
"	Poinier Street Main—			
	Labor.....		8 50	
Oct.	Clifton Ave. Main—			
	Carting pipe.....		7 00	
				33 75
	Total.....			52,205 51
	Broad Street Extension, 20-inch..		14,710 82	
	Twelfth Ward Extension, 16 and 12-inch.....		11,480 32	
	Lombardy St. Extension, 6-inch..		630 45	
	Drift Street Main, 24-inch.....		4,923 46	
				31,745 05
				$20,460 46

REPAIRS OF STREET MAINS.

1887.

Dec. —Repairs at Chatham street Pump House.
Labor.....$ 2 75— $2 75

1888.

Jan. 2.—Repaired break, Warren street near Searing st.
1 4-inch sleeve.....$ 1 82
5 feet 4-inch spigot..... 1 55
42 pounds lead..... 2 52
Yarn and wood..... 50
Labor and carting..... 17 55— 23 94

Jan. 18.—Repaired break on 4-inch Main, West Park st.
12 feet 4-inch pipe.....$ 3 72
1 4-inch sleeve..... 1 82
Yarn and wood..... 50
Labor and Carting..... 18 63— 24 67

Jan. 23.—Repaired gate at Clifton avenue Pump House.
Labor..... 7 25— 7 25

Feb. 15.—Repaired break on 6-inch Main, 317 Broad street.
6 feet 6-inch hub.....$ 3 06
1 6-inch sleeve..... 2 83
40 pounds of lead..... 2 40
Yarn and wood..... 50
Labor and carting..... 17 75— 26 5

Feb. 18.—Repaired leak, 6-inch Main, Oliver street.
10 pounds of lead.....$ 60
Labor and carting..... 24 69— 25 29

Feb. 22.—Repaired 4-inch Main, Sussex ave. near High st.
2 wooden plugs.....$ 1 50
Labor..... 15 75— 17 25

Feb. 23.—Repaired 4-inch stop Sussex ave. and Boyden st.
1 new stem.....$ 1 50
1 4-inch box and cover..... 5 00
Labor..... 7 25— 13 75

Feb. 24.—Repaired 6-inch gate, cor. James and Summit sts.
Labor.....$ 4 25— 4 25

Feb. 24.—Repaired break, 4-inch Main, Sussex avenue near High street.
Labor.....$ 3 63— 3 63

March, 29.—Repaired break, 4-inch Main, Academy and Washington streets.
1 4-inch sleeve.....$ 1 89
3 feet 4-inch hub..... 93
36 pounds of lead..... 2 16
Yarn and wood..... 50
Labor and carting..... 28 05— 33 53

March, 23.—Repaired 4-inch Main in Rector street.
3 4-inch sleeves.....$ 5 63
6 feet 4-inch spigot..... 1 86
12 feet 4-inch pipe..... 3 72
73 pounds of lead..... 4 38
Yarn and wood..... 1 55
Labor and carting..... 21 59— 38 73

$221 58

Amount brought forward			$221 58
April, 4.—Repaired joint on 24-inch Main, Eighth ave. and Factory street.			
20 pounds of lead	$ 1 00		
Labor and carting	19 25—		20 25
April, 10.—Repaired 10-inch stop, Market and Washington sts.			
Labor	$ 6 75—		6 75
April, 25.—Repaired leak, 6-inch Main, New and High streets.			
Labor	$ 4 75—		4 75
May, 10.—Repaired break, Columbia street near Green st.			
12 feet 3-inch pipe	$ 3 72		
1 3-inch sleeve	1 82		
40 pounds of lead	2 00		
Yarn and wood	46		
Labor	7 86		—15 86
Repaired break, 4-inch Main Ward street.			
12 feet 4-inch pipe	$ 3 72		
1 4-inch sleeve	1 82		
Yarn and wood	46		
40 pounds of lead	2 00		
Labor	7 89—		15 89
May, 24.—Repaired break, Division street near Broad st.			
12 feet 4-inch pipe	$ 3 72		
1 4-inch sleeve	1 89		
52 pounds of lead	2 60		
Yarn and wood	71		
Labor	6 62—		15 54
May, 26.—Repaired break, Columbia street near Green st.			
12 feet 3-inch pipe	$ 3 00		
1 3-inch sleeve	1 40		
35 pounds of lead	1 75		
Yarn and wood	39		
Labor	8 26—		14 80
June, 23.—Repaired break, Orange street near Eagles street.			
24 feet 4-inch pipe	$ 7 44		
2 4-inch sleeves	3 85		
1 4-inch ⅛ bend	2 59		
110 pounds of lead	5 50		
Yarn and coke	1 51		
Labor	113 57—		134 52
Aug. 14.—Repaired leak, 30-inch Main, Summer ave. and Nursery street.			
Labor	$ 9 00—		9 00
Aug. 21.—Repaired stop, at Orange and Broad streets.			
Labor	$ 7 00—		7 00
Aug. 27.—Repaired stop, Stratford place and Avon avenue.			
Labor	$ 4 75—		4 75
Oct. 11.—Repaired leak on Main, Ferry and Union streets.			
Labor	$ 2 00—		2 00
Nov. 8.—Repaired leak, Warren and Plane streets.			
Labor	$ 2 38—		2 38
			$475 07

Amount brought forward			$475 07
Nov. 23.—Repaired leak, 4-inch pipe Clinton street.			
6 feet 4-inch pipe	$ 2 28		
1 4-inch sleeve	1 85		
30 pounds of lead	1 50		
Yarn and wood	50		
Labor	12 58—		18 71
Nov. 9.—Lowering Main in Cross street.			
36 feet 4-inch pipe	$13 68		
2 4-inch beveled hubs	4 76		
30 pounds of lead	1 50		
Yarn and wood	50		
Labor	127 16—		147 60
Nov. 25.—Repaired 6-inch Main, Washington and Broad streets.			
1 6-inch Galvin stop	$16 00		
1 6-inch sleeve	3 92		
1 foot 6 inches of 6-inch pipe	75		
43 pounds of lead	2 15		
Yarn and wood	50		
Labor	22 26—		45 58
			$686 96

Renewed Boxes.

1887.		
December,	3 6-inch, at 90 cents	$2 70
1888.		
April,	3 6-inch, at 90 cents	2 70
May,	2 6-inch, at 90 cents	1 80
"	1 6-inch, at $1 00	1 00
June,	1 6-inch, at $1 00	1 00
August,	6 6-inch, at 90 cents	5 40
"	1 20-inch, at $8 00	8 00
September,	1 6-inch, at 90 cents	90
October,	1 6-inch, at 90 cents	90
November,	8 6-inch, at 90 cents	7 20
		$31 60

SERVICES FROM DECEMBER 1, 1887, TO DECEMBER 1, 1888.

MONTHS.	Size.	Number New Services.	Number Services renewed.	Number Taps Only.	No. Taps & Boxes Only.	Number Boxes Only.	Number New Water Takers.	Number Feet of Pipe.	CHARGE.
December, 1887.....	⅝ inch	132	..	3	1	..	136	2,483	$1,999 00
January, 1888.....	"	17	..	1	1	1	20	278	269 00
February, "	"	2	..	1	..	..	3	49	37 54
March, "	"	44	5	..	1	..	45	935	716 92
April, "	"	162	1	.	4	1	167	3,472	2,478 56
May, "	"	187	14	..	5	7	199	4,289	3,053 00
June, "	"	159	3	2	2	2	165	3,282	2,458 63
July, "	"	122	1	2	3	1	128	2,467½	1,900 96
August. "	"	160	2	3	..	5	168	3,344½	2,479 56
September, "	"	92	3	1	2	..	95	1,911	1,443 00
October, "	"	139	..	..	6	2	147	2,603	2,133 00
November, "	"	75	2	. 1	..	2	78	1,700	1,165 00
Totals.....		1,291	31	14	25	21	1,351	26,814	$20,134 17

SERVICES FROM DECEMBER 1, 1887, TO DECEMBER 1, 1888.

MONTHS.	Size.	Number New Services.	Number Services renewed.	Number Taps Only.	No. Taps & Boxes Only.	Number Boxes Only.	Number New Water Takers.	Number Feet of Pipe.	CHARGE.
December, 1887.....	1 inch	..	1	..	..	..	..	29	$23 00
January, 1888.....	"	..	..	..	1	..	1	..	10 00
February, "	"	..	..	..	..	..	..	..	.....
March, "	"	2	..	..	..	..	2	25½	46 00
April, "	"	2	1	..	..	..	2	58	69 00
May, "	"	11	1	..	1	..	12	298	276 00
June, "	"	19	2	..	1	..	20	473	491 92
July, "	"	8	..	..	..	..	8	155	161 00
August, "	"	5	2	..	3	..	8	168	171 00
September, "	"	..	2	..	..	..	..	77	46 00
October, "	"	3	1	..	..	..	3	89	92 00
November, "	"	1	1	..	..	..	1	21	46 00
Totals.....		51	11		6		57	1,393½	$1,431 92

RECAPITULATION.

No. Services.....	⅝ inch	1,291	31	14	25	21	1,351	26,814	$20,134 17
" "	1 "	51	11	..	6	..	57	1,393½	1,431 92
Totals.....		1,342	42	14	31	21	1,408	28,207½	$21,566 09

CONNECTIONS.

SIZES.

MONTHS.	1¼ Inch.	1½ Inch.	2 Inch.	3 Inch.	4 Inch.	6 Inch.	TOTALS.
December, 1887	..	..	1	..	.	1	2
January, 1888	..	..	..	2	..	..	2
February, "	..	..	..	2	..	..	2
March, "	..	..	..	..	..	..	..
April, "	..	..	..	1	..	2	3
May, "	1	..	3	1	1	..	6
June, "	..	4	6	3	..	..	13
July, "	..	..	3	..	..	1	4
August, "	..	..	..	1	..	..	1
September, "	..	..	..	..	..	..	..
October, "	..	..	..	1	..	..	1
November, "	..	..	1	1	..	..	2
Totals	1	4	14	12	1	4	36

NEW METERS SET.

SIZES.

MONTHS.	½ Inch.	⅝ Inch.	¾ Inch.	1 Inch.	1½ Inch.	2 Inch.	3 Inch.	TOTALS.
December, 1887	..	3	..	..	..	..	..	3
January, 1888	..	..	..	1	..	2	1	4
February, "	1	..	..	1	..	..	..	2
March, "	..	1	..	3	..	1	..	5
April, "	..	4	1	2	..	..	1	8
May, "	..	..	..	1	..	1	..	2
June, "	..	5	1	4	..	2	..	12
July, "	..	3	..	2	..	1	..	6
August, "	..	..	..	2	..	..	..	2
September, "	..	..	..	..	..	..	..	..
October, "	..	1	..	..	..	..	1	2
November, "	..	..	..	1	1	..	..	2
Totals	1	17	2	17	1	7	3	48

INVENTORY No. 1.

STREET MAINS STOCK AND MATERIALS.

IRON PIPE.

Four inch, 1032 feet, at 29 cents	$299 28	
Six inch, 1680 feet, at 38 cents	638 40	
Eight inch, 36 feet, at 68 cents	24 48	
Ten inch, 408 feet, at 82 cents	334 56	
Twelve inch, 72 feet, at 96 cents	69 12	
Sixteen inch, 204 feet, at $1.50	306 00	
Twenty inch, 216 feet, at $2.17	468 72	
Twenty-four inch, 156 feet, at $2.67	416 52	
Thirty inch, 120 feet, at $4.42	530 40—	3,087 48

SLEEVES.

Two inch, 3, at 40 cents	1 20	
Three inch, 4, at $1.30	5 20	
Four inch, 7, at $1.85	12 95	
Six inch, 4, at $2.80	11 20	
Eight inch, 5, at $3,65	18 25	
Ten inch, 3, at $4.75	14 25	
Twelve inch, 3, at $5.70	17 10	
Sixteen inch, 5, at $7.25	36 25	
Twenty inch, 17, at $8.25	140 25	
Twenty-four inch, 2, at $13.70	27 40	
Thirty inch, 2, at $30.72	61 44—	345 49

BENDS 90′

Three inch, 6, at $1.10	6 60	
Four inch, 3, at $2,40	7 20	
Six inch, 1, at $3.75	3 75	
Ten inch, 3, at $6.00	18 00	
Sixteen inch, 1, at $10.00	10 00	
Twenty inch, 1, at $21.75	21 75	
Twenty-four inch, 1, at $34.62	34 62—	101 92

BENDS 45

Three inch, 4, at $1.10	4 40	
Four inch, 1, at $2.40	2 40	
Six inch, 2, at $3.75	7 50	
Twenty inch, 2, at $21.75	43 50	

BEVELED HUBS.

Twenty-four inch, 1, at $17.50	17 50	
Three inch, 1, at $1.75	1 75—	77 05

DOUBLE BRANCHES.

Three by three, 4, at $3. 15	12 60	12 60
		$3,611 94

Amount brought forward	$12 60	$3,611 94
Four by four, 3, at $3.85.....	11 55	
Six by four, 1, at $7.33.....	7 33	
Eight by six, 1, at 10.50.....	10 50	
Ten by six, 1, at $11.50.....	11 50	
Ten by ten, 1, at $13.50.....	13 50	
Sixteen by six, 3, at $22. 50.....	67 50—	134 48

SINGLE BRANCHES.

Two by two, 2, at $1.50.....	3 00	
Three by three, 2, at $2.43.....	4 86	
Four by two, 1, at $2.35.....	2 35	
Four by three, 2, at $2.80.....	5 60	
Six by three, 1, at $6.37.....	6 37	
Six by six, 2, at $6.93.....	13 86	
Eight by six, 1, at $8.58.....	8 58	
Ten by two, 1, at $8.58.....	8 58	
Ten by four, 1, at $12.95.....	12 95	
Ten by six, 1, at $9.00.....	9 00	
Ten by ten, 4, at $11.00.....	44 00	
Twelve by four, 1, at $15.00.....	15 00	
Twelve by eight, 1, at $16.00.....	16 00	
Sixteen by four, 1, at $23.00.....	23 00	
Sixteen by six, 4, at $23.25.....	93 00	
Twenty-four by twenty, 1, at $45.70...	45 70—	311 85

REDUCERS.

Three to two, 4, at 95 cents.....	3 80	
Four to three, 6, at $2.00.....	12 00	
Six to four, 5, at $2.95.....	14 75	
Ten to six, 1, at $9.45.....	9 45	
Ten to eight, 1, at $10.00.....	10 00	
Twenty to ten, 2, at $12.00.....	24 00	
Twenty to sixteen, 1, at $14.50.....	14 50—	88 50

PLUGS.

Two inch, 2, at 20 cents.....	40	
Three inch, 40, at 25 cents.....	10 00	
Four inch, 57, at 42 cents.....	23 94	
Six inch, 102, at $1.08.....	110 16	
Ten inch, 2, at $1.43.....	2 86	
Twelve inch, 2, at $1.74.....	3 48	
Fourteen inch, 4, at $2.50.....	10 00	
Sixteen inch, 1, at $2.75.....	2 75—	163 59
		$4,146 77

Amount Brought forward.....	$163 59	$4,146 77
Twenty inch, 2, at $5.00.....	10 00	
Twenty-four inch, 2, at $8.00.....	16 00	
Thirty inch, 1, at $10.80.....	10 80—	200 39

CAPS.

Three inch, 6, at 31 cents.....	1 86	
Four inch, 7, at 42 cents.....	2 94	
Six inch, 9, at $1.12.....	10 08	
Fourteen inch, 1, at $2.50.....	2 50	
Thirty inch, 2, at $10.80.....	21 60—	38 98

STOP COCKS.

Three inch, 5, at $10.00.....	50 00	
Four inch (Galvin), 4, at $11.00.....	44 00	
Six inch (Galvin), 7, at $16.00.....	112 00	
Ten inch (Galvin), 2, at $22.50.....	45 00	
Ten inch, 5, at $10.00.....	50 00	
Twenty inch (Galvin), 2, at $127.00....	254 00	
Twenty-four inch (Galvin), 1, at $262.50.	262 50	
Twenty inch (Boston), 1, at $50.00.....	50 00—	867 50

MISCELLANEOUS.

Lead, 2155 pounds, at 4½ cents.....	96 98	
Yarn, 25 pounds, at 7½ cents.....	1 88	
One 16x10 Y branch, $23.40.....	23 40	
One 24x20 Y branch, $95.50.....	95 50	
Two 20-inch Y branches, at $61.02.....	122 04	
One 16x24 flanged branch, $35 75.....	35 75	
One 16x3 Angle branch, $20.00.....	20 00	
Two lengths 24 in. curved pipe, at $24.00	48 00	
Two lengths 30 in. curved pipe, at $30.00	60 00	
Three ft. six in., 30 in. curved hub $12.00	12 00—	515 55

PATENT SLEEVES AND STOPS.

Four by two, 1, at $22.00.....	22 00	
Four by three, 1, at $23.00.....	23 00	
Six by three, 1, at $25.00.....	25 00	
Six by four, 2, at $34.00.....	68 00	
Twelve by six, 1, at $60.00.....	60 00	
Twenty-four by six, 3, at $100.00.....	300 00—	498 00
		$6,267 19

INVENTORY No. 2.

GENERAL SUPPLIES.

5 meter box frames, at $3.95	$ 19 75	
6 meter box covers, at $3.95	23 70	
6 meter boxes, at $8.00	48 00	
30 6-inch stop boxes, at 95 cents	28 50	
1 12-inch stop box, at $1.25	1 25	
26 4-inch stop boxes, at 80 cents	20 80	
4 No. 6, Morgan valve boxes, at $4.75	19 00	
1 No. 8, " " box, at $7.75	7 75—	168 75

LUMBER.

80 feet 1¼-inch pine lumber, at 2 cents.	1 60	
400 feet 3x10 pine lumber, at 2 cents	8 00	
204 " 8x18 pine lumber, at 2 cents	4 08	
200 " 4x12 oak lumber, at 3 cents	6 00	
2170 " 3x10 spruce lumber, at 2 cents.	43 40—	63 08

PAINTS.

30 pounds venetian red, at 5 cents	1 50	
4 gallons raw oil, at 65 cents	2 60	
½ gallon turpentine, at 48 cents	24	
½ barrel tar paint, 26 gallons, at 50 cents	13 00—	17 34

HARDWARE.

75 pounds 20-penny nails, at 4 cents	3 00	
1 gross screws, at 25 cents	25—	3 25
Total		$252 42

INVENTORY No. 3.

BELLEVILLE AND HIGH SERVICE INVENTORIES.

One portable forge	$ 30 00
One anvil	10 00
Rope, blocks and falls	5 00
Two platform scales	120 00
Four coal buckets	320 00
Five iron barrows	100 00
One 3-horse engine	200 00
One drill press	150 00
	$935 00

Amount brought forward	$935 00
One shaper	400 00
One lathe and appurtenances, including shafting and countershafting	600 00
Two chain blocks and falls	25 00
One bench vise	16 00
One carpenter bench	5 00
One table	3 00
Three forty gallon cans	15 00
One desk	20 00
One clock	15 00
Two pairs step-ladders	5 00
One lawn mower	8 00
Coal hoisting engine	300 00
Apparatus, shed, etc	139 62
Nine chairs	16 75
One stool	2 00
One feather duster	1 75
One pipe vise	15 00
Iron barrows	26 00
Stove and fittings, weighmaster's box	16 66
One wardrobe	5 00
Table	3 00
One eight-day clock	20 00
One platform scale	200 00
One wheelbarrow scale	60 00
Two ladders	8 00
One pair steps	1 00
Four tool closets	12 00
One bench and vise	10 00
One pipe vise	15 00
Stoves and fixtures at gate house	18 00
Oil can, Belleville	12 00
Andrews' pump, No. 3	100 00
Pulley for pump	35 00
Oil cabinets	45 00
Weather instruments	32 82
Total	$3,141 60

INVENTORY No. 4.

OFFICE INVENTORY—FURNITURE AND FIXTURES ON HAND NOVEMBER, 30, 1888.

One cash safe	$ 400 00
One book safe	150 00
One double stationary desk	100 00
One portable desk	75 00
Desk fixtures and fittings, vault	500 00
One automatic check perforator	37 50
Calender clock	50 00
Book cabinet	25 00
Five chairs	20 00
Nine stools	18 00
Copying press	15 00
Numbering and canceling stamp	50 00
Water cooler and stand	10 00
Umbrella stands	15 00
Cuspidors, mats and sundries	7 00
Iron railing	25 00
SUPERINTENDENT'S ROOM.	
Six Eastlake chairs	24 00
One chair	5 00
One table	10 00
One wardrobe	10 00
BOARD ROOM.	
Desk, furniture and fixtures	300 00
Sixteen Eastlake chairs	64 00
Six chairs	30 00
Four chairs	12 00
Map, rack and fixtures	15 00
Cuspidors, mats, etc	24 00
ENGINEER'S ROOM AND ANTE-ROOM.	
One desk, portable	25 00
One desk, portable	19 50
One desk, portable	10 00
One map case	10 00
One table	15 00
Three chairs	15 00
Three stools	9 00
Draughting instruments	50 00
Level	75 00
Transit	100 00
Chain and rods	15 00
Total	$2,335 00
TELEPHONE LINE AND CALLS.	
Balance on hand November 30, 1888	$1,200 00

INVENTORY No. 5.

STABLE INVENTORY—STOCK AND PROPERTY ON HAND NOVEMBER, 30, 1888.

One road horse	$ 300 00
" " "	300 00
" " "	150 00
" draught horse	150 00
Two draught horses	550 00
One draught horse (Belleville)	130 00
One phaeton	325 00
" "	260 00
" "	175 00
" depot wagon	200 00
" business wagon	100 00
" tool wagon	50 00
" truck wagon	150 00
" pipe truck	250 00
" heavy team harness	40 00
" light team harness	50 00
Two sets single harness	45 00
Three sets buggy harness	100 00
Blankets and robes	35 00
One box sleigh	25 00
Two light sleighs	40 00
Two wagon jacks	2 00
Two forks and brooms	2 00
Three pails	1 50
Two brushes	1 00
Fifty feet rubber hose with nozzle	7 50
Two cots	1 75
One large feed bin	8 00
Two $\frac{5}{8}$-inch tapping machines	200 00
One 1-inch tapping machine	150 00
Three derricks	75 00
Two set blocks and ropes	30 00
Seven jack screws	31 00
Two worm blocks (4,000 pounds)	100 00
Nine pumps	40 00
Five pipe tongs	10 00
Seventeen stop keys	34 00
One grindstone and frame	10 00
One vise	5 00
Ten lanterns	8 00
Three sledges	3 00
	$4,144 75

INVENTORY No. 6.

HYDRANT ACCOUNT.

2 6-inch, Galvin hydrants, at $45.00	$ 90 00
8 4-inch, Galvin hydrants, at $27.00	216 00
1 Hewes and Phillips hydrant, at $25.00	25 00
6 square hydrant cases, at $2.00	12 00
17 hydrant soles, at $4.00	68 00
23 hydrant heads, at $2.50	57 50
Total	$468 50

INVENTORY No. 7.

SERVICE STOCK.

24 ⅝-inch corporation stops, at 65 cents	$ 15 60
8 1-inch corporation stops, at $1.85	14 80
23 ⅝-inch curb stops, at 80 cents	18 40
2 1-inch curb stops, at $1.85	3 70
13 wooden curb boxes, at 50 cents	6 50
98 ⅝-inch iron stop boxes, at $1.45	142 10
199 iron covers, at 50 cents	99 50
1693 pounds ⅝-inch lead pipe, at 5½ cents	93 12
209½ pounds 1-inch lead pipe, at 5½ cents	11 52
250 pounds ¾-inch lead pipe, at 5½ cents	13 75
Total	$418 99

INVENTORY No. 8.

BELLEVILLE FUEL AND STORES ON HAND, NOV. 30, 1888.

FUEL.

$4,388\frac{2044}{2240}$ tons pea coal, at $2.69	$11,806	18
25 tons stove coal, at $4.65	116	25
Total	$11,922	43

STORES.

10 pounds $\frac{1}{16}$-inch sheet rubber packing at 40 cents	$ 4	00
10 " $\frac{1}{8}$-inch " " " at 40 cents	4	00
4 " $\frac{3}{8}$-inch round " " at 48 cents	1	92
5 " 1-inch " " " at 48 cents	2	40
10 " $1\frac{1}{8}$-inch " " " at 48 cents	4	80
5 " combination packing, at 80 cents	4	00
3 " hemp packing, at 25 cents		75
58 sheets emery cloth, at 5 cents	2	90
7 boxes potash, at 14 cents		98
25 pounds waste, at $9\frac{1}{2}$ cents	2	38
55 bars soap, at 9 cents	4	95
24 gallons lard oil, 85 cents	20	40
34 " cylinder oil, at 80 cents	27	20
49 " kerosene oil, at 16 cents	7	84
2 pounds Babbitt's metal, at 15 cents		30
40 " manhole gaskets, at 60 cents	24	00
6 " handhole gaskets, at 60 cents	3	60
21 gauge glasses, at 25 cents	5	25
10 pounds wicking, at 15 cents	1	50
Total	$123	17

INVENTORY No. 9.

HIGH SERVICE FUEL AND STORES ON HAND NOV. 30, 1888.

FUEL.

31 tons broken coal, at $4.80	$148 80
¼ cord wood, at $8.50	2 13
Total	$150 93

STORES.

6 pounds $\frac{1}{16}$-inch rubber packing, at 40 cents	$ 2 40
8 " $\frac{1}{8}$-inch " " at 40 cents	3 20
2 " $\frac{3}{32}$-inch Usudurian packing, at 50 cents	1 00
40 " Tuck's packing, at 48 cents	19 20
15 " combination packing, at 80 cents	12 00
25 " hemp packing, at 25 cents	6 25
2 bath brick at 10 cents	20
5 boxes potash, at 14 cents	70
75 pounds waste, at 9½ cents	7 13
23 bars soap, at 9 cents	2 07
45 gallons lard oil, at 85 cents	38 25
30 " cylinder oil, at 80 cents	24 00
5 " kerosene oil, at 10 cents	50
31 pounds Babbitt's metal, at 15 cents	4 65
40 " manhole gaskets, at 60 cents	24 00
10 " wicking, at 15 cents	1 50
30 gauge glasses, at 25 cents	7 50
5 dozen rubber washers, at 35 cents	1 75
2 boxes wax tapers, at 25 cents	50
20 glasses for lubricator, at 25 cents	5 00
30 packages pearline, at 10 cents	3 00
10 pounds tallow, at 10 cents	1 00
Total	$165 80

INVENTORY No. 10.

HIGH SERVICE PUMPING STATION.

Monkey wrench, 20-inch	1
" " 12-inch	1
" " 8-inch	1
Single wrenches	8
Double wrenches	8
Locket wrenches, hexagon	3
Spanning wrenches	2
Hoes	2
Pokers	2
Rakes	2
Slice Bars	2
Chisels	12
Plyers	1
Hammers	2
Machine and pipe vise	1
" " vise	1
Sledges	1
Pipe tongs	4
¾-inch hose	10 feet
1¼-inch hose	50 feet
Galvanized iron pails	4
Wheelbarrows	2
Scoop shovels	6
Hand lamps	3
Spittoons	3

ELLS.

½-inch	1
¾-inch	1
1-inch	1
1½-inch	1
2-inch	5

TEES.

¼-inch	1
½ inch	1
¾-inch	1

UNIONS.

¼-inch	1
½-inch	1
1¼-inch	1

PLUGS.

½-inch	1
¾-inch	1
1¼-inch	1

NIPPLES.

¼-inch	1
¾-inch	1
1-inch	1

GLOBE VALVES.

1-inch	1

MISCELLANEOUS.

Pipe stocks	2
" cutters	2
" dies	8
" taps	8
Valves	18
Air pump valve springs	48
Air pump valves	11
Pinch bars	1
Files	12
Marline	½ pounds
Stillson wrench, 18-inch	1
" " 12-inch	1
" " 6-inch	1
Packing hooks	3
Hack saws	1
Wood saws	1
Pairs shears	1

INVENTORY No. 11.

BELLEVILLE PUMPING STATION.

Engine lathe	1
Shaper	1
Drill press	1
Machine vise	1
Pipe vise	1
Hammers	3
1 ton differential block	1
½ " " "	1
Rachets	2
Screw wrenches	3
Pipe stocks, taps and dies	2
Pipe cutters	2
Indicators	1
2½-inch hose	350 feet
¾-inch hose	50 feet
Tube scraper	2
Taps and dies	22
Machine taps	8
Screw plates	3
Twist drills	20
Breast "	1
Sets cans and trays	1
Oil pot	1
Hammers	2
No. 2 forge	1
Anvil	1
Sledges	1
Tongs	4
Hardy	2
Suages	2
Flatter	1
Shears	1
Surface plate	1
Augurs	2
Hack saw frame	2
Calipers	2
Compass saw	1
Plyers	1
Sets block and fall ropes	1
Grindstone	1
Hand lamps	4
Kerosene lamps	6
Wheel-barrows	5
Coal Buckets, 3 cwt	4
Wheelbarrow scales	2
Clamps	4
Pipe tongs	20
Fire hooks	4
Slice bars	1
Fire Hoes	2
Gas machine	1
Gas plyer	1
ELLS.	
⅜-inch	11
½-inch	9
¾-inch	9
1-inch	9
1¼-inch	12
1½-inch	11
2-inch	4
TEES.	
¼-inch	5
¾-inch	10
1¼-inch	12
1½-inch	12
UNIONS.	
⅜-inch	12
¾-inch	12
1¼-inch	11
1½-inch	12
ANGLE VALVES.	
1¼-inch	1
PIPE.	
¼-inch	36 feet
⅜-inch	10 "
½-inch	33 "
¾-inch	35 "
1-inch	20 "
1¼-inch	25 "
1½-inch	36 "
2-inch	16 "
PLUGS.	
2-inch	2
NIPPLES.	
1-inch	3
2-inch	1

BELLEVILLE PUMPING STATION.

IRON.

7/8-inch	250	pounds
5/8-inch	15	"
11/16-inch	15	"
3/4-inch	90	"
1-inch	100	"
1 1/8-inch	54	"
3/8x4-inch	20	"

STEEL.

7/8-inch	16	"

MISCELLANEOUS.

Z springs	22
Air-pump valves	12
Valve seats	6
Flange unions	1
Lead	40 pounds
Barrow bearings	16
Steam dampers	2
Springs	199
Pinch Bars	2
Files	8

INVENTORY No. 12.

GENERAL INVENTORY OF SUPPLIES AND OTHER STOCK AND PROPERTY NOT INCLUDED IN FOREGOING INVENTORIES.

Picks	60
Pick-handles	43
Crowbars	21
Shovels	63
Setts	30
Yarning irons	6
Chisels—hand	12
" hatchet	12
Hammers	9
Sledges	6
Wrenches	9
Ladles	6
Stop keys	17
Hydrant keys	8
Sets blocks	2
" ropes	3
Pumps	7
Derricks	3
Lead pots	3
Wheelbarrows	2
Pipe tongs	5
Lanterns	9
Scrapers	2
Hose butts	6
Axes	2
Hand saws	3
Grindstones	2
Tool boxes	2
Jack screws	11
Oil cans	5
Vise	1
Screw drivers	3
Rubber boots	9
Steel wedges	4
" drills	3
Paving hammers	2

Water pails	5
Furnaces	2
Axes	2
Worm gear blocks	3
Chain Slings	2
Hydrants, Philadelphia and octagon, out of order	40
Gasoline lamps	2

PIPE.

2-inch	spigots		12	feet
3 "	"		35	"
4 "	"		4	"
6 "	"		228	"
10 "	"		10	"
14 "	"		11	"
16 "	"		72	"
20 "	"		47	"
24 "	"		33	"
30 "	"		18	"
4 "	"		8	"
6 "	"		40	"
8 "	"		6	"
20 "	"		11	"
24 "	"		24	"
30 "	"		23	"
20x4 single branches				
20x12 "	"			
24x10 "	"			

WATER METERS.

Worthington	1-inch		3
Crown	1	"	1
Gem	¾	"	1
"	1	"	4
"	2	"	3
"	3	"	1

STATISTICS ON CONSUMPTION

FOR THE YEAR 1888.

Statement of Work of the Pumping Engines at Belleville, for the Year Ending November 30th, 1888.

Month.	Number of Hours in Operation.				Strokes.				Gallons.				Total Gallons.	Coal No. 1 & 2.		Coal No. 3.		Coal No. 4.		T'l Coal.	Ashes.
	No. 1.	No. 2.	No. 3.	No. 4.	No. 1.	No. 2.	No. 3.	No. 4.	No. 1.	No. 2.	No. 3.	No. 4.		Firing.	Bank'g	Firing.	Bank'g	Firing.	Bank'g		
Dec. 1887	37.50	34.25	312.40	430.20	442,528	111,916	1,040,292	1,416,808	33,632,128	8,505,616	133,157,376	181,351,424	356,646,544	135,916	32,330	429,706	2,192	597,423	2,192	1,199,759	214,652
Jan. 1888	277.55	231.20	740.05	.....	898,660	738,560	2,462,720	.....	68,298,160	56,130,560	315,228,160	.....	439,656,880	405,195	27,946	1,017,842	5,480	.....	.....	1,456,463	262,000
Feb. "	88.30	380.05	397.05	298.55	283,040	1,249,380	1,319,960	992,304	21,511,040	94,952,880	168,954,880	127,014,912	412,433,712	376,976	29,042	552,847	4,384	394,073	1,096	1,358,418	244,850
March "	48.05	348.55	400.55	343.05	152,296	1,143,988	1,327,980	1,148,376	11,574,496	86,943,088	169,981,440	146,992,128	415,491,152	303,763	32,056	527,944	4,932	451,893	3,836	1,324,424	248,600
April "	.....	130.05	199.20	520.40	.....	425,408	663,660	1,731,532	.....	32,331,008	84,948,480	221,636,096	338,915,584	98 478	26,576	262,063	2,192	670,853	2,192	1,062,354	202,650
May, "	103.50	226.00	224.55	518.35	327,820	738,544	749,864	1,734,176	25,674,320	56,129,344	95,982,592	221,974,528	399,760,784	238,031	34,247	285,266	2,192	640,567	5,480	1,205,783	240,570
June, "	203.45	378.20	.....	708.10	669,452	1,250,532	.....	2,370,364	50,878,352	95,040,432	.....	303,406,592	449,325,376	425,559	24,658	.....	.....	884,820	4,380	1,339,417	278,390
July, "	188.45	478.20	82.30	660.00	620,712	1,579,292	273,808	2,209,800	47,174,112	120,026,192	35,047,424	282,854,400	485,102,128	523,967	14,246	114,663	2,192	872,188	3,288	1,530,544	329,500
August. "	164.50	493.35	.....	742.40	529,792	1,641,860	.....	2,483,468	40,264,192	124,781,360	.....	317,883,904	482,929,456	545,353	10,959	.....	.....	1,050,032	7,671	1,614,015	375,300
Sept., "	223.10	220.05	157.40	560.25	733,076	720,652	533,920	1,888,788	55,713,776	54,769,552	68,341,760	241,764,864	420,589,952	362,218	27,946	229,517	2,192	790,137	4,384	1,416,394	340,900
Oct., "	62.00	192.15	183.15	559.35	199,524	630,140	589,552	1,866,772	15,163,824	47 890,640	75,462,656	238,946,816	377 463,936	217,380	33,152	257,430	1,096	832,298	4,384	1,345,740	294,360
Nov., "	36.00	236.00	535.10	184.00	116,644	752,016	1,798,608	608,756	8,864,944	57,153,216	230,221,824	77,920,768	374,160,752	229,221	31,507	796,617	2,192	276,705	1,095	1,337,357	283,160
Totals	1434.40	3349.25	3233.35	5526.25	4,983,544	10,982,288	10,760,364	18,451,144	378,749,344	834,653,888	1,377,326,592	2,361,746,432	4,952,476,256	3,862,057	324,665	4,473,895	29,044	7,460,989	39,998	16,190,648	3,314,932

Highest daily average in July .....15,648,455 gallons.
Lowest daily average in April.....11,297,186 "
Daily average for the year.....13,531,356 "

Increase of highest daily over last year.....1,352,873 gallons.
Increase of lowest daily over last year ..... 413,089 "
Increase daily average for the year..... 889,201 "

STATEMENT OF WORK OF HIGH SERVICE PUMPING ENGINES FOR YEAR ENDING NOVEMBER 30TH, 1888.

MONTH.		NO. OF HOURS IN OPERATION.		STROKES.		GALLONS.		TOTAL GALLONS.	COAL.		TOTAL COAL.	ASHES.
		No. 1.	No. 2.	No. 1.	No. 2.	No. 1.	No. 2.		Firing.	Banking.		
Dec.,	1887	673.00	252.00	1,873,136	899,184	70,429,914	52,602,264	123,032,178	385,426	17,922	403,348	72,794
Jan.,	1888	471.30	613.30	1,243,924	1,952,000	46,771,542	114,192,000	160,963,542	443,930	12,360	456,290	84,775
Feb.,	"	626.00	593.30	1,560,416	1,746,672	58,671,642	102,180,312	160,851,954	395,829	8,343	404,172	68.099
March,	"	600.30	585.00	1,452,876	1,696,796	54,628,138	99,262,566	153,890,704	381,306	12,669	393,975	75,833
April,	"	720.00	328.00	1,745,428	878,568	65,628,093	51,396,228	117,024,321	332,896	19,467	352,363	67,642
May,	"	744.00	356.00	1,859,356	948,360	69,911,786	55,479,060	125,390,846	345,462	20,703	366,165	70,451
June,	"	711.00	578.30	1,747,444	1,549,380	65,703,894	90,638,730	156,342,624	381,409	10,506	391,915	76,553
July,	"	744.00	685.15	1,716,680	1,903,584	64,547,168	111,359,664	175,906,832	406,541	1,854	408,395	81,627
Aug.,	"	742.00	701.00	1,710,000	1,862,336	64,296,000	108,946,656	173,242,656	412,206	5,562	417,768	86,231
Sept.,	"	720.00	588.00	1,709,052	1,393,408	64,260,355	81,514,368	145,774,723	376,259	11,948	388,207	79,880
Oct.,	"	734.00	474.00	1,822,248	1,173,216	68,516,529	68,633,136	137,149,664	365,650	11,742	377,392	81,219
Nov.	"	715.00	417.00	1,654,400	1,081,560	62,205,440	63,271,260	125,476,700	340,209	14,832	355,041	63,862
Total....		8201.00	6171.45	20,094,960	17,085,064	755,570,501	999,476,244	1,755,046,744	4,567,123	147,908	4,715,031	908,966

Highest daily average in July.....5,674,414 gallons.
Lowest daily average in April.....3,900,811 "
Daily average for the year.....4,795,209 "

Increase of highest daily over last year.....794,843 gallons.
Increase of lowest daily over last year.....497,788 "
Increase of daily average for the year.....547,913 "

CONSUMPTION STATEMENT FOR THE YEAR ENDING NOVEMBER 30TH, 1888.

MONTH.		Average daily consumption—gallons.	Number of taps, at beginning of each month.	Average consumption per tap—gallons.	Average consumption per tap, previous years—gallons.	Highest consumption per tap, previous years—gallons.	Lowest consumption per tap, previous years—gallons.	Average monthly temperature.	Rainfall—inches.	Average rainfall, previous years—inches.	REMARKS.
Dec.,	1887	11,504,727	18,410	625	739	853	593	34.92	4.430	3.790	Rain and snow on 10 days at intervals, and as estimated in 85 hours.
Jan.,	1888	14,182,480	18,548	765	766	884	655	24.89	5.855	3.630	Snow fell to a depth of 17 inches, which is 5 inches more than the average.
Feb.,	"	14,221,852	18,571	766	776	947	689	30.96	4.290	3.511	Rain and snow on 9 days, and as estimated in 84 hours
March,	"	13,402,940	18,576	721	729	825	674	32.71	6.080	3.814	On March 12th, "THE GREAT BLIZZARD," the water-fall in the month nearly all in the form of snow.
April,	"	11,297,186	18,623	607	688	828	627	47.93	4.050	3.649	Rain on 10 days, and estimated in 43 hours.
May,	"	12,895,509	18,795	686	722	962	617	59.72	6.330	3.919	Rainfall only exceeded 4 times in 44 years.
June,	"	14,977,512	19,01z	788	797	971	728	72.90	2.700	3.589	Rain on 8 days, and estimated in 27 hours.
July,	"	15,648,456	19,210	815	818	940	733	72.68	2.060	4.32	Rain on 8 days.
Aug.,	"	15,578,369	19,350	805	797	965	674	73.48	7.080	5.067	Rain on 11 days, and estimated in 37 hours.
Sept.,	"	14,019,665	19,527	718	801	931	728	64.05	6.210	3.649	Rain on 11 days, and estimated in 47 hours.
Oct.,	"	12,176,256	19,622	62	752	924	661	49.96	4.040	3.582	Rain on 11 days, and estimated in 89 hours.
Nov.,	"	12,069,702	19,773	610	701	898	609	45.26	4.190	3.625	Rain on 11 days, and estimated in 93 hours.

Total rainfall for the year..... 57.315 inches.
Total of averages of previous years.....46.149 "

Average daily consumption for the year. .....13,531,356 gallons.
Average daily consumption per tap..... ..... 682 "

Total number of taps at the end of the year.....19,854.

WINTER MONTHS.—Total rainfall, 14.575. About 4 inches more than average. Mean temperature, 30.60°.
SPRING MONTHS.—Rainfall, the greatest on record, 16.460 inches. Mean temperature, 46.80°.
SUMMER MONTHS.—Rainfall, 11.840 inches. Mean temperature, 73.02°.
AUTUMN MONTHS.—Total rainfall, 14.440 inches. Mean temperature, 52.90°.

COMPARATIVE STATEMENT OF CONSUMPTION ON THE HIGH AND LOW SERVICE LEVELS.

(For the Year Ending November 30th, 1888.)

SERVICES.	AVERAGE FOR THE YEAR.			HIGHEST AVERAGE IN JULY.			LOWEST AVERAGE IN APRIL.		
	Daily consumption gallons.	Number of taps.	Consumption per tap—gall's.	Daily consumption gallons.	Number of taps.	Consumption per tap—gall's.	Daily consumption gallons.	Number of taps.	Consumption per tap—gall's.
Both Levels	13,531,356	19,854	682	15,648,456	19,210	815	11,297,186	18,623	607
Low Level	8,736,147	12,432	703	9,974,041	12,136	822	7,396,375	11,846	624
High Level	4,795,209	7,422	646	5,674,414	7,074	802	3,900,811	6,777	576

METERS IN USE—NOVEMBER 30TH, 1888.

SIZES.

STYLE OF METER.	½ Inch.	⅝ Inch.	¾ Inch.	1 Inch.	1½ Inch.	2 Inch.	3 Inch.	4 Inch.	6 Inch.	TOTALS.
Crown	20	..	7	51	..	5	..	..	1	84
Gem	..	..	1	8	..	17	..	4	..	30
Undine	..	..	..	4	..	..	..	..	1	5
Worthington	..	123	20	134	9	37	21	4	..	348
Rotary	..	..	..	32	..	..	1	..	..	33
Duplex	1	..	..	..	..	..	..	..	..	1
Totals	21	123	28	229	9	59	22	8	2	501

STATEMENT OF DAY AND NIGHT CONSUMPTION, AVERAGED BY WEEK DAYS. LOW SERVICE.

MONTH.	SUNDAY.		MONDAY.		TUESDAY.		WEDNESDAY.		THURSDAY.		FRIDAY.		SATURDAY.	
	7 a. m. to 7 p. m. Gallons.	7 p. m. to 7 a. m. Gallons.	7 a. m. to 7 p. m. Gallons.	7 p. m. to 7 a. m. Gallons.	7 a. m. to 7 p. m. Gallons.	7 p. m. to 7 a m. Gallons.	7 a. m. to 7 p. m. Gallons.	7 p. m. to 7 a. m. Gallons.	7 a m. to 7 p. m. Gallons.	7 p. m. to 7 a. m. Gallons.	7 a. m. to 7 p. m. Gallons.	7 p. m. to 7 a. m. Gallons.	7 a. m. to 7 p. m. Gallons.	7 p. m. to 7 a. m. Gallons.
Dec. 1887	3,763,264	2,808,224	4,192,486	3,081,441	4,548,723	3.319,333	4,614,146	3,113,211	4,622,220	3,324,562	4,578.189	3,430,733	4,540,702	3,020,628
Jan., 1888	4,348,959	3,589,373	5,161,517	4,140,702	5 156,781	3,886,341	5,193,447	3,898,944	5,171,105	4,206,101	5,195,077	3,750,743	5,119,221	3,912,618
Feb., "	4,121,801	3,315,589	5,102,097	3,814,275	5,200.118	3,696,268	5,296,661	3,971,016	5,327,453	4,162.331	5,483,267	3,687,100	4,995,017	3,754,167
March, "	4,371,392	3,475.779	4,893,573	3,781,037	5,076,832	3,689,332	5,099,905	3,474,137	4,976,567	3,525,044	4,706,859	3,520,977	4,656,336	3,580.633
April, "	3,453,490	3,336,981	4,421,444	3,245,880	4,016,900	3,072,993	4,263,777	3,213,899	4,404,031	3,269,356	4,337,762	3,204,220	4,298,823	3,033,812
May, "	3,839,616	3,607,289	5,616,146	3,713,591	5,084,725	3,862,533	4,961,984	3,876,058	5,385,087	3,813,996	4,997,369	3,673,956	4,981,772	3,579,799
June, "	4,544,596	3,870,026	5,954,731	4,190,076	6,155,043	4,173,712	6,002,347	3,710,871	6,230,359	4,114,827	5,708,262	3,894,020	5,706,512	3,703,941
July, "	5,096,435	3,891,700	5,576,949	4,051,685	5,679,987	4,181,735	6,052,208	4,123,996	6,337,730	4,309,801	6,203,819	4,045,056	6,254,129	4,070,101
Aug., "	4,968,381	3,977,112	5,948,796	4,089,732	6,230,001	3,811,497	5,904,052	4.239,385	5,948,796	4,089,732	6,048,645	3,866,998	6,266,062	4,153,272
Sept., "	4,768,366	3,706,851	5 329,779	3,802,005	5,492,645	3,993,554	5,633,247	4,142,417	5,291,447	3,632,258	5,485,326	3,866,067	5,025,846	3,638,888
Oct., "	3,901,851	3,072,627	5,363,918	3,140,849	4,787,145	2,998,285	5,109,582	3,159,496	4,999,611	3,668,868	5,041,659	3,171,253	4,616,590	3,179,154
Nov., "	3,902,327	3,296,166	4,932,874	3,385,690	4,707,604	3,568,662	4,751,359	3,874,593	4,774,738	3,214,056	5,088,523	3,581,753	4,818,457	3,376,848
Totals..	51,080,478	41,947,717	62,494,310	44,436,963	62,136,504	44,254,245	62,882,715	44,798,023	63,469,144	45,330,932	62,874,757	43,692,876	61,279,467	43.003.861

STATEMENT OF DAY AND NIGHT CONSUMPTION, AVERAGED BY WEEK DAYS.
HIGH SERVICE.

MONTH.		SUNDAY.		MONDAY.		TUESDAY.		WEDNESDAY.		THURSDAY.		FRIDAY.		SATURDAY.	
		7 a. m. to 7 p. m. Gallons.	7 p. m. to 7 a. m. Gallons.	7 a. m. to 7 p. m. Gallons.	7 p. m. to 7 a. m. Gallons.	7 a. m. to 7 p. m. Gallons.	7 p. m. to 7 a. m. Gallons.	7 a. m. to 7 p. m. Gallons.	7 p. m to p a. m. Gallons.	7 a. m. to 7 p. m. Gallons.	7 p. m. to 7 a. m. Gallons.	7 a. m. to 7 p. m. Gallons.	7 p. m. to 7 a. m. Gallons.	7 a. m. to 7 p. m. Gallons.	7 p. m. to 7 a. m. Gallons.
Dec.,	1887	2,060,437	1,499,474	2,237,530	1,515,515	2,446,539	1,473,226	2,263,502	1,486,799	2,414,731	1,758,148	2,438,894	1,793,461	2,484,240	1,540,362
Jan.,	1888	2,778,449	2,310,878	3,013,705	2,323,519	2,854,200	2,293,631	2,775,295	2,423,658	2,895,674	2,470,861	2,901,521	2,455,562	2,875,253	2,503,604
Feb.,	"	2,942,176	2,061,227	2,935,022	2,361,233	2,996,347	2,412,625	3,072,651	2,418,439	3,233,623	2,700,049	3,097,762	2,658,757	3,102,117	2,228,538
March,	"	2,618,102	2,127,251	3,012,686	2,089,635	2,787,992	2,020,737	2,763,073	1,102,756	2,872,456	2,189,576	2,780,932	2,043,506	2,845,929	1,986,481
April,	"	2,165,373	1,406,595	2,647,514	1,414,796	2,450,836	1,401,358	2,389,521	1,402,181	2,633,313	1,272,183	2,643,669	1,352,583	2,600,161	1,457,655
May,	"	2,300,474	1,395,646	2,762,264	1,450,611	2,626,086	1,472,479	2,668,073	1,463,926	2,521,757	1,497,839	2,537,422	1,455,538	2,550,081	1,266,459
June,	"	2 682,498	1,863,452	3,385,196	2,095,877	3,216,791	2,107,035	3,230,120	2,248,955	3,260,050	1,904,651	3,233,230	2,102,811	3,321,527	1,948,585
July,	"	2,772,333	2,230,864	3,342,137	2,510,320	3,552,107	2,388,145	3,471,151	2,348,051	3,366,062	2,536,861	3,096,554	2,227,003	3,434,014	2,409,771
Aug.,	"	2,762,799	2,201,272	3,344,171	2,228,365	3,187,681	2,391,802	3,344,171	2,228,365	3,363,030	2,441,008	3,398,917	2,211,132	3,614,352	2,292,062
Sept.,	"	2,580,503	1,802,751	3,118 330	2,016,921	3,061,077	1,904,268	3,101,018	2,052,700	3,090,634	1,999,955	2,976,594	1,888 658	2,989,702	2,024,815
Oct.,	"	2 249,633	1,571,907	2,825,670	1,797,079	2,776,638	1,850,642	2,645,470	1,791,269	2,746,863	1,456,163	2,430,208	1,659,880	2,633,391	1,670,995
Nov.,	"	2,424,128	1,562,474	2,661,017	1,713,982	2,673,468	1,703,539	2,807,736	1,500,278	2,459,283	1,643,332	2,647,101	1,559,130	2,682,277	1,411,512
Totals..		30,336,905	22,033,791	35,285,242	23,517,853	34,629,762	23,419,487	34 531,781	23,467,317	34,857,476	23,870,626	34,182,804	23,388,021	35,133,044	2,740,839

DAILY CONSUMPTION

FOR THE

YEAR ENDING NOV. 30TH, 1888.

CONSUMPTION STATEMENT—DECEMBER, 1887.

	Sunday.		Monday		Tuesday.		Wednesday.		Thursday		Friday.		Saturday.	
	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m to 7 p.m.	7 p.m to 7 a.m.	7 a.m. to 7p. m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.
Date.....	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's. 1	Gal's.	Gal's. 2	Gal's.	Gal's. 3	Gal's.
Low Service.....	.....	.....	.....	.....	.....	.....	.....	.....	4,465,569	3,056,205	4,977,661	3,881,867	4,016,194	3,008,121
High Service..	.....	.....	.....	.....	.....	.....	.....	.....	2,490,877	2,162,862	2,538,804	2,043,671	3,136,161	1,967,211
Total Consumption.	.....	.....	.....	.....	.....	.....	.....	.....	6,956,446	5,219,067	7,516,465	5,925,538	7,152,355	4,975,332
Date.....	4		5		6		7		8		9		10	
Low Service	3,994,826	2,473,479	3,660,018	3,383,741	4,859,922	3,394,429	4,896,607	3,194,089	4,873,898	3,525,781	4,685,484	2,799,857	4,707,395	2,648,451
High Service.....	2,135,065	1,394,806	2,483,356	1,510,152	2,492,826	1,457,624	2,358,749	1,394,995	2,437,599	1,372,962	2,454,668	1,387,740	2,030,759	1,340,666
Total Consumption.	6,129,891	3,868,285	6,143,374	4,893.893	7,352,748	4,852,053	7,255,356	4,589,084	7,311,497	4,898,743	7,140,152	4,187,597	6,738,154	3,989,117
Date.....	11		12		13		14		15		16		17	
Low Service.....	3,358,063	2,712,918	4,599,284	3,035,146	4,256,868	3,179,277	4,645,764	2,871,238	4,529,742	2,648,831	4,315,267	3,129,723	4,334,794	2,674,482
High Service.....	2,165,612	1,349,012	2,185,305	1,423.132	2,580,796	1,388,107	2,283,130	1,386,007	2,149,440	1,439,174	2,182,550	1,536,690	2,264,811	1,366,234
Total Consumption.	5,523,675	4,061,930	6,784,589	4,458,278	6,837,664	4,567,384	6,928,894	4,257,245	6,679,182	4,088,005	6,497,817	4,666,413	6,599,605	4,040,716
Date.....	18		19		20		21		22		23		24	
Low Service.....	3,592,296	3,063,447	4,592,366	2,923,645	4,450,002	3,059,318	4,316,722	2,940,356	4,464,067	3,170,357	4,015,996	3,181,640	4,723,302	3,217,298
High Service..	1,955,597	1,515,191	2,280,057	1,579,096	2,276,111	1,427,653	2,253,267	1,453,211	2,279,573	1,745,533	2,361,547	1,831,396	2,202,123	1,586,879
Total Consumption.	5,547,893	4,578,638	6,872,423	4,502,741	6,726,113	4,486,971	6,569,989	4,393,567	6,743,640	4,915,890	6,377,543	5,013,036	6,925,425	4,804,177
Date.....	25		26		27		28		29		30		31	
Low Service.....	4,107,873	2,983,054	3,918,278	2,983,232	4,628,102	3,644,309	4,597,493	3,447,161	4,777,824	3,221,636	4,896,535	3,160,580	4,921,824	3,354,790
High Service.....	1,985,476	1,738,889	2,001,403	1,549,682	2,436,423	1,619,520	2,158,862	1,742,985	2,716,16	2,070,211	2,656,901	2,167,807	2,787,346	2,140,820
Total Consumption.	6,093,349	4,721,943	5,919,681	4,532,914	7,064,525	5,263,829	6,756,355	5,190,146	7,493,989	5,291,847	7,553,436	5,328,387	7,709,170	5,495,610

CONSUMPTION STATEMENT—JANUARY, 1888.

	Sunday.		Monday.		Tuesday.		Wednesday.		Thursday.		Friday.		Saturday.	
	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.
Date.....	Gal's. 1	Gal's.	Gal's. 2	Gal's.	Gal's. 3	Gal's	Gal's. 4	Gal's.	Gal's. 5	Gal's.	Gal's. 6	Gal's.	Gal's. 7	Gal's
Low Service.....	3,842,627	3,247,449	4,276,336	3,707,034	4,655,909	3,323,103	4,738,429	3,334,128	4,376,928	3,599,618	4,053,369	3,305,971	4,665,640	3,119,568
High Service.....	2,218,926	1,674,204	2,343,050	1,758,922	2,386,113	1,677,937	2,520,924	1,941,966	2,526,377	2,121,344	2,646,689	2,117,466	2,410,484	1,974,551
Total Consumption.	6,061,553	4,921,653	6,619,386	5,465,956	7,042,022	5,001,040	7,259,353	5,285,094	6,903,305	5,720,962	6,700,058	5,423,437	7,076,124	5,094,119
Date.....	8		9		10		11		12		13		14	
Low Service.....	3,473,113	2,682,647	4,450,393	3,628,618	4,589,321	3,596,379	4,972,620	3,988,032	4,939,046	3,902,955	4,753,847	3,590,488	4,718,583	3,457,100
High Service.....	2,606,480	1,700,093	3,152,212	1,547,240	2,508,368	1,744,699	2,402,045	2,219,413	2,868,910	1,922,423	3,212,602	1,813,016	2,474,518	1,754,152
Total Consumption.	6,079,593	4,382,740	7,602,605	5,175,858	7,097,689	5,341,078	7,374,665	6,207,445	7,807,956	5,825,378	7,966,449	5,403,504	7,193,101	5,211,252
Date...	15		16		17		18		19		20		21	
Low Service.....	4,001,601	2,829,590	4,980,471	3,934,586	5,287,643	3,361,039	5,318,574	3,596,816	5,379,893	3,657,595	5,543,117	3,385,355	5,319,718	4,296,620
High Service.	2,474,465	1,698,869	2,858,598	2,377,711	2,926,020	2,300,654	2,735,381	2,607,467	2,748,301	2,495,499	2,886,234	2,502,914	2,949,527	2,674,441
Total Consumption.	6,476,066	4,528,459	7,839,069	6,312,297	8,213,663	5,661,693	8,053,955	6,204,283	8,128,194	6,153,094	8,429,351	5,888,269	8,269,245	6,971,061
Date.....	22		23		24		25		26		27		28	
Low Service.....	5,316,881	4,106,015	5,810,547	4,279,931	5,426,501	4,457,189	5,744,164	4,667,801	5,988,553	4,664,234	5,829,978	4,721,160	5,772,942	4,777,184
High Service.....	3,080,318	3,067,908	3,292,229	3,066,245	3,170,866	2,878,170	3,442,832	2,925,788	3,439,108	3,344,176	3,460,560	3,388,851	3,666,482	3,611,272
Total Consumption.	8,397,199	7,173,923	9,102,776	7,346,176	8,597,367	7,335,359	9,186,996	7,593,589	9,427,661	8,008,410	9,290,538	8,110,011	9,439,424	8,388,456
Date.....	29		30		31									
Low Service.....	5,110,576	5,081,163	6,289,838	5,153,340	5,824,533	4,693,998	.....	.....	.....	.....	.....	.....	.....	.....
High Service... ..	3,512,056	3,413,318	3,423,889	2,867,475	3,279,633	2,866,699	.....	.....	.....	.....	.....	.....	.....	.....
Total Consumption.	8,622,632	8,494,481	9,713,727	8,020,815	9,104,166	7,560,697	.....	.....	.....	.....	.....	.....	.....	.....

CONSUMPTION STATEMENT—FEBRUARY, 1888.

Sunday.		Monday.		Tuesday.		Wednesday.		Thursday.		Friday.		Saturday.	
7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.
						1		2		3		4	
.....	.....	.....	.....	.....	.....	5,831,519	4,897,501	5,566,854	4,276,835	5,700,683	3,672,760	5,123,056	3,930,101
.....	.....	.....	.....	.....	.....	3,319,577	2,893,288	3,277,829	2,639,042	2,920,741	2,709,525	3,167,656	2,281,185
.....	.....	.....	.....	.....	.....	9,151,096	7,790,789	8,844,683	6,915,877	8,621,424	6,382,285	8,290,712	6,211,286
5		6		7		8		9		10		11	
4,174,995	3,923,742	5,164,572	3,821,741	5,221,693	3,711,430	5,181,041	3,671,903	5,231,234	3,869,065	6,025,401	4,459,941	5,869,980	4,349,050
2,739,658	2,026,929	3,038,428	2,502,171	2,885,541	2,556,507	2,825,801	2,508,109	3,078,461	2,861,115	3,426,583	3,157,136	3,252,840	2,815,882
6,914,653	5,950,671	8,203,000	6,323,912	8,107,234	6,267,937	8,006,842	6,180,012	8,309,695	6,730,180	9,451,984	7,617,077	9,122,820	7,164,932
12		13		14		15		16		17		18	
4,487,730	3,227,298	5,111,954	4,153,184	4,960,107	3,622,608	5,131,046	3,989,966	6,042,367	4,474,395	5,585,931	2,988,651	4,839,555	3,542,403
3,378,854	1,985,443	3,129,553	2,448,360	2,992,600	2,563,177	3,126,084	2,404,977	3,593,417	3,060,960	3,417,781	2,735,432	3,207,214	2,185,175
7,866,584	5,212,741	8,241,507	6,601,544	7,952,707	6,185,785	8,257,130	6,394,943	9,635,784	7,535,355	9,003,712	5,724,083	8,046,769	5,727,578
19		20		21		22		23		24		25	
3,986,692	2,747,101	5,170,099	3,538,424	5,199,514	3,350,898	4,909,875	3,276,961	4,469,359	3,029,029	4,621,053	3,627,049	4,147,478	3,195,117
3,181,125	2,060,909	2,858,161	2,188,891	2,905,103	1,772,166	2,982,873	2,168,823	2,984,784	2,239,082	2,625,943	2,032,938	2,780,760	1,631,912
7,167,817	4,808,010	8,028,260	5,727,315	8,104,617	5,123,064	7,892,748	5,445,784	7,454,143	5,268,111	7,246,996	5,659,987	6,928,238	4,827,029
26		27		28		29							
3,837,788	3,364,217	4,961,762	3,743,753	5,319,159	4,104,138	5,429,825	4,018,751	.....	.....	.....	.....	.....	.....
2,469,068	2,171,627	2,713,948	2,305,511	3,202,146	2,758,651	3,108,921	2,116,997	.....	.....	.....	.....	.....	.....
6,306,856	5,535,844	7,675,710	6,049,264	8,521,305	6,862,789	8,538,746	6,135,748	.....	.....	.....	.....	.....	.....

CONSUMPTION STATEMENT—MARCH, 1888.

	Sunday.		Monday.		Tuesday.		Wednesday.		Thursday.		Friday.		Saturday.	
	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.
Date.....	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's. 1	Gal's.	Gal's. 2	Gal's.	Gal's. 3	Gal's.
Low Service.....	.....	.....	.....	.....	.....	.....	.....	.....	5,025,681	3,673,788	4,570,176	4,316,780	4,381,965	3,314,189
High Service	.....	.....	.....	.....	.....	.....	.....	.....	2,841,908	2,009,744	3,026,701	1,721,524	2,866,435	2,193,393
Total Consumption.	.....	.....	.....	.....	.....	.....	.....	.....	7,867,589	5,683,532	7,596,877	6,038,304	7,248,400	5,507,582
Date.....	4		5		6		7		8		9		10	
Low Service.....	4,394,434	3,729,366	5,553,575	4,262,813	5,660,048	3,973,211	5,248,908	3,870,146	5,457,540	4,027,602	4,785,446	3,246,060	4,697,693	3,273,651
High Service.....	2,834,928	2,532,553	2,970,543	2,305,269	3,129,340	2,669,826	3,067,348	2,509,057	2,862,884	2,412,991	2,760,871	2,359,714	2,877,339	1,765,676
Total Consumption.	7,229,362	6,261,919	8,524,118	6,568,082	8,789,388	6,643,037	8,316,256	6,379,203	8,320,424	6,440,593	7,546,317	5,605,774	7,575,032	5,039,327
Date.....	11		12		13		14		15		16		17	
Low Service.....	4,692,108	3,613,218	4,280,532	3,356,426	5,170,411	3,711,434	5,165,158	3,524,704	4,981,193	3,044,139	4,973,273	3,113,193	4,881,466	4,150,391
High Service... ...	2,375,651	2,163,430	3,414,707	2,380,221	2,600,199	2,340,825	3,059,859	1,999,444	3,183,236	2,339,555	2,779,623	2,068,573	2,871,381	1,860,021
Total Consumption.	7,683,559	5,776,648	7,695,239	5,736,647	7,770,610	6,051,259	8,225,017	5,524,148	8,164,429	5,383,694	7,752,896	5,181,766	7,752,847	6,010,412
Date.....	18		19		20		21		22		23		24	
Low Service.....	4,289,402	3,208,692	4,903,832	4,223,320	4,799,256	4,282,958	5,154,431	3,610,008	4,986,986	3,959,076	4,934,068	3,984,790	5,001,454	3,790,810
High Service.....	2,532,186	2,077,782	2,960,466	1,790,954	2,774,432	2,150,936	2,596,739	1,914,334	2,670,265	2,243,062	2,561,019	2,487,319	2,922,821	2,533,046
Total Consumption.	6,821,588	5,286,474	7,864,298	6,014,274	7,573,688	6,433,894	7,751,170	5,524,342	7,657,251	6,202,138	7,495,087	6,472,109	7,924,275	6,323,856
Date..... ...	25		26		27		28		29		30		31	
Low Service.....	4,109,625	3,351,843	4,836,355	3,281,591	4,677,614	2,789,728	4,531,124	2,891,693	4,431,435	2,920,618	4,271,335	2,944,061	4,319,103	3,374,126
High Service... ...	2,730,646	1,735,241	2,705,028	1,882,097	2,647,999	2,221,362	2,628,347	1,988,192	2,803,990	1,942,529	2,776,449	1,580,401	2,691,670	1,580,267
Total Consumption.	6,840,271	5,087,084	7,541,383	5,163,688	7,325,613	5,011,090	7,159,471	4,879,885	7,235,425	4,863,147	7,047,784	4,524,462	7,010,773	4,954,393

CONSUMPTION STATEMENT—APRIL, 1888.

	Sunday.		Monday.		Tuesday.		Wednesday.		Thursday.		Friday.		Saturday.	
	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.
Date.....	Gal's. 1	Gal's.	Gal's. 2	Gal's.	Gal's. 3	Gal's.	Gal's. 4	Gal's.	Gal's. 5	Gal's.	Gal's. 6	Gal's.	Gal's. 7	Gal's.
Low Service.....	3,636,127	2,702,184	4,053,657	3,229,712	4,275,093	2,824,442	3,534,050	3,210,820	4,196,971	3,064,234	3,884,025	3,017,709	3,273,802	2,575,052
High Service.....	2,330,897	1,563,312	2,592,809	1,500,017	2,405,017	1,596,960	2,389,504	1,236,653	2,906,973	1,310,400	2,577,049	1,415,591	2,691,455	1,772,039
Total Consumption	5,967,024	4,265,496	6,646,466	4,729,729	6,680,110	4,421,402	5,923,554	4,447,173	7,103,944	4,374,634	6,461,074	4,433,300	5,965,257	4,347,091
Date.....	8		9		10		11		12		13		14	
Low Service.....	3,610,832	2,911,974	3,914,105	3,107,723	4,292,887	2,829,838	4,515,405	3,102,252	4,052,108	3,231,866	3,802,403	3,238,672	4,338,197	2,728,311
High Service.....	1,997,307	1,462,096	2,534,655	1,279,361	2,259,706	1,435,327	2,069,615	1,459,365	2,430,594	1,183,019	2,825,348	1,381,806	2,383,956	1,390,082
Total Consumption	5,608,139	4,374,070	6,448,760	4,387,084	6,552,593	4,265,165	6,585,020	4,561,617	6,482,702	4,414,885	6,627,751	4,620,478	6,722,153	4,118,393
Date.....	15		16		17		18		19		20		21	
Low Service.....	3,391,331	2,963,951	4,202,198	3,175,623	4,182,252	2,958,362	4,117,773	2,968,464	4,424,658	3,067,902	4,395,121	3,030,755	4,182,413	2,989,385
High Service.....	2,243,233	1,286,188	2,582,702	1,226,908	2,695,708	1,356,136	2,450,110	1,376,744	2,485,737	1,356,551	2,482,964	1,312,960	2,547,698	1,309,225
Total Consumption	5,634,564	4,250,139	6,784,900	4,402,531	6,877,960	4,314,498	6,567,883	4,345,208	6,910,395	4,424,453	6,878,085	4,343,715	6,730,111	4,298,610
Date.....	22		23		24		25		26		27		28	
Low Service.....	4,083,760	2,973,776	4,862,135	3,011,756	4,317,368	3,679,332	4,887,883	3,574,059	4,942,385	3,713,423	5,269,501	3,529,744	5,400,883	3 842,499
High Service.....	1,822,117	1,308,442	2,654,867	1,780,172	2,442,913	1,317,009	2,648,858	1,535,962	2,709,948	1,238,763	2,689,315	1,299,975	2,777,535	1,359,273
Total Consumption	5,905,877	4,282,218	7,517,002	4,791,928	6,760,281	4,996,341	7,536,741	5,119,021	7,652,333	4,952,186	7,958,816	4,829,719	8,178,418	5,201,772
Date.....	29		30											
Low Service.....	4,245,402	3,833,022	5,075,128	3,724,586	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High Service.....	2,433,315	1,412,936	2,872,538	1,287,524	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total Consumption	6,678,717	5,245,958	7,947,666	5,012,110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CONSUMPTION STATEMENT—MAY, 1888.

	Sunday.		Monday.		Tuesday.		Wednesday.		Thursday.		Friday.		Saturday.	
	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.
Date.....	Gal's.	Gal's.	Gal's.	Gal's.	Gal's. 1	Gal's.	Gal's. 2	Gal's.	Gal's. 3	Gal's.	Gal's. 4	Gal's.	Gal's. 5	Gal's.
Low Service.....	.....	.....	.....	.....	4,875,709	3,614,118	4,803,030	3,920,666	5,140,206	3,064,260	4,881,768	3,418,801	5 044,719	2,737,879
High Service.....	.....	.....	.....	.....	2,524,040	1,102,432	2,651,510	1,508,745	2,305,581	1,882,581	2,400,963	1,532,218	2,358,205	1,294,662
Total Consumption	.....	.....	.....	.....	7,399.749	4,716,550	7,454,540	5,429,411	7,445,787	4,946,841	7,282,731	4,951,019	7,402,924	4,032,541
Date.....	6		7		8		9		10		11		12	
Low Service.....	3,539,007	3,427,827	5,441,189	3,538,788	4,929,895	3,526,952	5,130,366	3,601,557	5,043,079	3,629,886	4,921,178	3,434,098	4,623,825	3,759,293
High Service.....	2,257,718	1,420,121	2,811,201	1,462,363	2,696,549	1,336,069	2,710,320	1,501,005	2,710,225	1,401,986	2,590,483	1,336,849	2,715,277	1,320,307
Total Consumption	5,796,725	4,847,948	8,252,390	5,001,151	7,626,444	4,863,021	7,840,686	5,102,562	7,753,304	5,031,872	7,511,661	4,770,947	7,339,102	5,079,600
Date.....	13		14		15		16		17		18		19	
Low Service.....	3,780,643	3,370,104	5,376,030	3,588,707	4,929,410	3,660,906	4,387,834	3,783,184	5,510,952	4,109,059	5,170,473	3,646,481	5,117,011	3,746,356
High Service.....	2,216,855	1,388,135	2,779,054	1,423,117	2,607,488	1,433,852	2,629,775	1,289,961	2,485,749	1,372,508	2,580,897	1,432,769	2,640,074	1,206,803
Total Consumption	5,997,498	4,758,239	8,155,084	5,011,824	7,536,898	5,094,758	7,017,609	5,073,145	7,996,701	5,481,567	7,751,370	5,079,250	7,757,085	4,953,159
Date.....	20		21		22		23		24		25		26	
Low Service.....	3,659,455	3,691,393	5,294,312	3,489,299	5,164,495	3,537,454	5,654,471	3,949,930	5,442,461	4,176,849	5,016,058	4,196,443	5,141,532	4,075,671
High Service.....	2,337,075	1,343,678	2,876,435	1,440,814	2,519,534	1,679,760	2,602.682	1,438,064	2,508,439	1,378,147	2,577,348	1,440,314	2,486,766	1,244,065
Total Consumption	5,996,530	5,035,071	8,170,747	4,930,113	7,684,029	5,217,214	8,257,153	5,387,994	7,950,900	5,554,996	7,593,406	5,636,757	7,628,298	5,319,736
Date.....	27		28		29		30		31					
Low Service.....	4,379,360	3,939,835	5,353,053	4.237,572	5,524,119	3,973,233	4,834,222	4,124,953	5,788,741	4,089,928	.....	.....	.....	.....
High Service.....	2,390,249	1,430,652	2,582,365	1,476,151	2,782,818	1,810,282	2,746,079	1,581,855	2,638,790	1,453,976	.....	.....	.....	.....
Total Consumption	6,769,609	5,370,487	7,935,413	5,713,723	8,306,937	5,783,515	7,580,301	5,706,808	8,427,531	5,543,904	.....	.....	.....	.....

CONSUMPTION STATEMENT—JUNE, 1888.

	Sunday.		Monday.		Tuesday.		Wednesday.		Thursday.		Friday.		Saturday.	
	7 a.m. to 7 p.m.	7 p.m to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.
Date	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's. 1	Gal's.	Gal's. 2	Gal's.
Low Service	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,564,864	3,998,940	5,822,732	3,718,996
High Service	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,016,453	1,547,838	3,177,941	1,527,983
Total Consumption	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,581,317	5,546,778	9,000,673	5,246,679
Date	3		4		5		6		7		8		9	
Low Service	4,386,458	3,704,983	5,881,061	4,090,[illegible]84	6,711,722	3,852,846	6,044,483	3,905,253	5,886,866	4,165,815	5,374,632	3,543,242	5,694,211	3,835,540
High Service	2,421,311	1,630,395	2,939,583	1,800,842	3,026,655	2,182,917	3,262,150	2,338,541	3,632,175	1,571,209	3,217,786	2,103,857	3,414,104	1,805,545
Total Consumption	6,807,769	5,335,378	8,820,644	5,891,126	9,738,377	6,035,763	9,306,633	6,243,794	9,519,041	5,737,024	8,592,418	5,647,109	9,108,315	5,641,085
Date	10		11		12		13		14		15		16	
Low Service	4,055,627	3,601,480	5,311,818	4,201,747	4,778,941	4,392,682	5,420,863	3,067,959	6,748,246	4,150,268	5,841,987	3,121,161	5,748,652	3,445,395
High Service	2,597,326	1,831,446	3,929,974	2,098,223	3,154,217	2,332,554	2,980,755	2,043,655	3,165,868	1,943,734	3,537,726	2,661,861	3,242,132	2,250,108
Total Consumption	6,652,953	5,432,926	9,241,792	6,299,970	7,933,158	6,725,236	8,401,618	5,111,614	9,914,114	6,094,002	9,379,713	5,783,022	8,990,784	5,695,503
Date	17		18		19		20		21		22		23	
Low Service	4,687,416	4,045,555	6,272,521	3,584,256	6,841,421	3,971,681	6,497,323	3,484,265	6,497,914	4,197,008	6,341,505	4,546,063	5,773,869	3,665,986
High Service	2,763,201	1,717,512	3,484,475	2,427,814	3,310,657	1,917,056	3,450,105	2,364,514	3,444,182	2,287,461	3,645, 29	2,359,680	3,572,617	2,243,752
Total Consumption	7,450,617	5,763,067	9,756,996	6,012,070	10,152,078	5,888,737	9,947,428	5,848,779	9,942,096	6,484,469	9,986,834	6,905,743	9,346,486	5,909,738
Date	24		25		26		27		28		29		30	
Low Service	5,048,882	4,128,088	6,353,525	4,384,018	6,288,088	4,447,638	6,046,719	4,386,005	5,788,411	3,946,217	5,418,325	4,260,708	5,493,097	3,953,787
High Service	2,948,157	2,274,454	3,186,752	2,556,630	3,375,635	1,995,613	3,227,505	2,249,109	2,797,976	1,816,291	2,749,059	1,840,822	3,200,845	1,915,541
Total Consumption	7,997,039	6,402,542	9,540,277	6,940,648	9,663,723	6,473,251	9,274,224	6,635,114	8,586,387	5,762,418	8,167,384	6,101,530	8,693,942	5,869,328

CONSUMPTION STATEMENT—JULY, 1888.

	Sunday.		Monday.		Tuesday.		Wednesday.		Thursday.		Friday.		Saturday.	
	7 a.m. to 7 p.m.	7 p.m. to 7 a m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.
Date.	Gal's. 1	Gal's.	Gal's. 2	Gal's.	Gal's. 3	Gal's.	Gal's. 4	Gal's.	Gal's. 5	Gal's.	Gal's. 6	Gal's.	Gal's. 7	Gal's.
Low Service.....	5,448,816	4,033,978	4,917,286	4,401,233	5,254,162	4,295,088	4,784,143	3,831,919	5,854,723	3,854,086	6,254,848	4,301,382	6,323,709	4,177,287
High Service.....	2,247,020	1,685,378	2,759,767	2,063,458	3,502,111	1,871,065	3,203,463	1,985,033	3,238,184	2,645,838	2,934,384	2,374,972	3,569,464	2,335,315
Total Consumption	7,695,836	5,719,356	7,677,053	6,464,751	8,756,273	6,166,153	7,987,606	5,816,952	9,052,907	6,499,924	9,189,232	6,67 ,354	9,893,173	6,512,602
Date.....	8		9		10		11		12		13		14	
Low Service.....	4,747,289	4,489,521	4,565,177	3,797,366	5,457,165	3,861,619	6,269,967	4,021,976	6,229,046	4,523,163	6,591,156	3,384,191	6,895,412	3,967,286
High Service.....	2,971,455	2,316,975	3,639,706	2,848,059	3,609,619	2,276,251	3,290,505	2,275,929	3,284,537	2,572,989	2,944,012	2,709,241	3,160,957	2,337,847
Total Consumption	7,718,744	6,806,496	8,204,883	6,645,425	9,066,784	6,137,870	9,569,472	6,297,905	9,513,583	7,096,152	9,535,168	6,093,432	10,056,379	6,305,133
Date.....	15		16		17		18		19		20		21	
Low Service.....	4,906,003	3,845,465	6,257,093	4,153,636	6,194,695	4,090,361	6,311,701	3,772,512	6,051,733	3,905,296	5,855,289	4,029,557	5,725,291	3,704,355
High Service.....	3,015,618	2,490,858	3,748,859	2,638,738	3,676,399	2,528,337	3,480,846	2,517,332	3,176,682	2,443,642	3,243,441	2,581,832	3,636,222	2,571,552
Total Consumption	7,921,621	6,336,323	10,005,952	6,792,374	9,871,094	6,618,698	9,792,547	6,289,844	9,228,415	6,348,938	9,098,730	6,611,389	9,361,513	6,275,907
Date.....	22		23		24		25		26		27		28	
Low Service.....	5,759,962	3,895,351	6,263,257	4,758,847	5,900,458	4,477,335	6,844,021	4,869,578	7,215,419	4,956,659	6,113,982	4,465,094	6,072,107	4,431,473
High Service.....	2,833,754	2,440,933	3,455,806	2,664,844	3,745,806	2,597,745	3,900,789	2,613,969	3,764,847	2,484,973	3,264,376	2,341,968	3,369,412	2,394,371
Total Consumption	8,593,716	6,336,284	9,719,063	7,423,691	9,646,264	7,075,080	10,744,810	7,483,547	10,980,266	7,441,632	9,378,358	6,806,062	9,441,519	6,825,844
Date.....	29		30		31									
Low Service.....	4,620,109	4,274,186	5,881,931	3,147,283	5,593,455	4,184,272	.....	.....	.....	.....	.....	.....	.....	.....
High Service.....	2,793,819	2,220,179	3,104,413	2,336,543	3,226,601	2,667,326	.....	.....	.....	.....	.....	.....	.....	.....
Total Consumption	7,413,928	6,494,365	8,986,344	5,483,826	8,820,056	6,851,598	.....	.....	.....	.....	.....	.....	.....	.....

COMSUMTPION STATEMENT—AUGUST, 1888.

	Sunday.		Monday.		Tuesday.		Wednesday.		Thursday.		Friday.		Saturday.	
	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.
Date.....	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's. 1	Gal's.	Gal's. 2	Gal's.	Gal's. 3	Gal's.	Gal's. 4	Gal's.
Low Service.....	.....	.....	.....	.....	.....	.....	6,134,096	4,264,240	6,602,902	4,330,158	6,487,128	3,709,787	6,750,503	4,160,661
High Service.....	.....	.....	.....	.....	.....	.....	3,278,879	2,351,535	3,395,065	2,403,294	3,333,832	2,400,779	4,024,619	2,081,767
Total Consumption.	.....	.....	.....	.....	.....	.....	9,412,975	6,615,775	9,997,967	6,733,452	9,820,960	6,110,566	10,775,122	6,242,428
Date	5		6		7		8		9		10		11	
Low Service.	5,165,835	3,802,463	6,170,941	4,316,527	6,199,079	3,923,784	6,039,696	4,196,930	6,139,166	4,028,071	6,372,363	4,002,995	5,849,656	4,265,534
High Service.....	3,036,863	2,430,639	3,410,418	2,420,911	3,053,820	2,519,201	3,197,086	2,268,751	3,389,244	2,275,864	3,452,922	1,978,875	3,596,461	2,294,539
Total Consumption.	8,202,698	6,233,102	9,581,359	6,737,438	9,252,899	6,442,985	9,236,782	6,465,681	9,528,410	7,303,935	9,825,285	5,981,870	9,446,117	6,560,073
Date.....	12		13		14		15		16		17		18	
Low Service.....	4,664,011	3,936,745	6,126,404	4,194,134	6,523,137	4,237,459	6,154,691	3,813,470	6,158,593	4,057,508	6,628,153	4,083,697	5,944,914	4,393,939
High Service.....	2,879,719	2,108,903	3,182,439	1,807,135	3,358,411	2,033,556	3,687,388	2,629,205	3,669,035	2,725,656	3,680,244	2,374,408	3,355,337	2,316,204
Total Consumption.	7,543,730	6,045,648	9,308,843	6,001,269	9,881,548	6,271,015	9,842,079	6,442,675	9,827,628	6,783,164	10,308,397	6,458,105	9,300,251	6,710,143
Date.....	19		20		21		22		23		24		25	
Low Service.....	5,001,363	4,327,959	5,379,928	3,909,278	6,246,284	4,012,600	5,408,826	4,932,857	4,977,021	4,898,714	5,059,974	3,769,212	6,519,177	3,792,956
High Service.....	2,717,738	2,278,634	3,479,203	2,394,852	2,820,301	1,790,584	2,936,557	2,068,412	3,161,072	2,060,304	3,257,643	2,264,984	3,480,992	2,475,747
Total Consumption.	7,719,101	6,606,593	8,859,131	6,304,130	9,066,585	5,803,184	8,345,383	7,001,269	8,138,093	6,959,018	8,317,617	6,034,196	10,000,169	6,268,703
Date.....	26		27		28		29		30		31			
Low Service.... ...	5,042,314	3,841,282	6,117,913	3,938,990	5,951,503	4,072,145	5,782,953	3,989,429	5,857,336	4,128,123	5,695,611	4,269,302	.....	.....
High Service.....	2,416,876	1,986,915	3,304,622	2,290,562	3,518,193	2,223,866	3,558,375	1,825,528	3,200,744	2,239,923	3,269,946	2,536,614	.....	.....
Total Consumption.	7,459,190	5,828,197	9,422,535	6,229,552	9,469,696	6,296,011	9,341,328	5,814,957	9,058,080	6,368,046	8,965,557	6,805,916	.....	.....

CONSUMPTION STATEMENT—SEPTEMBER, 1888.

	Sunday.		Monday.		Tuesday.		Wednesday.		Thursday.		Friday.		Saturday.	
	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.
Date.....	Gal's.	Gal's	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	1 Gal's.
Low Service.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,570,144	4,187,252
High Service	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,003,784	2,179,210
Total Consumption.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,573,928	6,366,462
Date.....	2		3		4		5		6		7		8	
Low Service.....	4,970,678	3,866,411	5,103,657	4,123,135	5,840,692	4,224,754	6,563,642	4,713,694	5,563,987	3,552,022	5,249,573	3,888,128	4,436,334	3,890,000
High Service	2,701,508	2,075,508	3,150,061	1,952,473	3,375,480	2,087,164	3,490,615	2,105,144	3,118,418	2,006,536	3,007,368	1,793,995	3,026,502	2,341,151
Total Consumption.	7,672,186	5,941,919	8,253,718	6,075,608	9,216,172	6,311,918	10,054,257	6,818,838	8,682,405	5,558,558	8,256,941	5,682,123	7,462,836	6,231,151
Date.....	9		10		11		12		13		14		15	
Low Service.....	5,067,025	3,780,534	5,730,529	4,241,291	5,859,650	4,267,364	5,062,191	4,373,309	5,830,381	3,945,738	6,069,848	4,079,086	5,113,882	3,783,265
High Service	2,584,781	1,919,400	3,158,221	2,141,249	2,871,137	1,826,671	2,905,959	2,094,066	3,024,413	2,046,114	2,929,773	1,815,765	3,063,356	1,877,233
Total Consumption.	7,651,806	5,699,934	8,888,750	6,382,540	8,730,787	6,094,035	7,968,150	6,467,375	8,854,794	5,991,852	8,999,621	5,894,851	8,177,238	5,660,498
Date.....	16		17		18		19		20		21		22	
Low Service.....	4,614,969	3,662,178	5,441,166	3,714,605	5,220,705	3,453,205	5,703,558	3,611,471	5,121,816	3,118,518	5,797,849	3,237,957	5,568,923	3,132,625
High Service	2,646,881	1,660,827	3,049,048	1,980,763	3,132,843	2,168,932	3,017,803	2,102,023	3,170,206	1,826,469	3,024,182	1,876,939	2,974,929	2,021,007
Total Consumption.	7,261,850	5,323,005	8,490,214	5,695,368	8,353,548	5,622,137	8,721,361	5,713,494	8,292,022	4,944,987	8,822,031	5,114,996	8,543,852	5,153,632
Date.....	23		24		25		26		27		28		29	
Low Service.	3,733,638	3,504,516	5,043,767	3,428,989	5,049,533	4,028,892	5,203,598	3,871,194	4,649,607	3,912,753	4,824,034	4,259,098	4,439,949	3,201,299
High Service	2,930,874	1,783,364	3,115,990	1,993,200	2,864,848	1,534,305	2,989,695	1,909,569	3,049,500	2,120,707	2,945,154	2,067,934	2,879,941	1,705,475
Total Consumption.	6,614,512	5,287,880	8,159,757	5,422,189	7,914,381	5,563,197	8,193,293	5,780,763	7,699,107	6,033,460	7,769,188	6,327,032	7,319,890	4,906,774
Date.....	30													
Low Service.....	5,455,520	3,720,619	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High Service	2,038,469	1,574,653	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total Consumption.	7,493,989	5,295,272	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CONSUMPTION STATEMENT—OCTOBER, 1888.

	Sunday.		Monday.		Tuesday.		Wednesday.		Thursday.		Friday.		Saturday.	
	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.
Date	Gal's.	Gal's.	Gal's. 1	Gal's.	Gal's. 2	Gal's.	Gal's. 3	Gal's.	Gal's. 4	Gal's.	Gal's. 5	Gal's.	Gal's. 6	Gal's.
Low Service	.....	.....	6,357,757	3,615,090	5,222,295	2,681,359	5,921,733	3,318,191	4,930,986	3,821,803	5,213,098	3,540,808	4,279,475	3,247,144
High Service	.....	.....	2,781,446	1,915,568	2,890,762	1,998,434	2,853,334	2,028,571	3,044,143	1,35 ,583	2,727,013	1,608,554	2,652,347	1,943,548
Total Consumption	.....	.....	9,139,203	5,530,658	8,113,057	4,679,793	8,775,067	5,346,762	7,975,129	5,173,386	7,940,101	5,149,362	6,931,822	5,190,692
Date	7		8		9		10		11		12		13	
Low Service	4,041,360	3,199,369	5,163,175	3,043,271	4,581,077	3,470,646	4,791,302	3,248,435	4,823,604	3,434,602	4,849,030	3,189,909	4,588,397	2,987,765
High Service	2,387,383	1,603,381	3,012,080	1,784,453	3,103,863	1,534,709	2,785,405	1,805,918	2,875,774	1,449,534	2,449,321	1,546,975	2,844,711	1,731,514
Total Consumption	6,428,743	4,802,750	8,175,255	4,827,724	7,684,940	5,005,355	7,576,707	5,054,353	7,699,378	4,884,136	7,298,351	4,736,884	7,433,108	4,719,279
Date	14		15		16		17		18		19		20	
Low Service	3,800,318	2,938,555	5,118,581	2,947,565	4,181,887	3,287,736	4,855,439	3,199,746	5,185,467	3,441,646	5,277,686	3,061,387	5,004,022	3,313,356
High Service	2,260,667	1,681,074	2,845,136	1,817,010	3,000,416	1,641,986	2 592 497	1,673,535	2,358,079	1,486,207	1,983,939	1,555,429	2,454,467	1,441,951
Total Consumption	6,060,985	4,619,629	7,963,717	4,764,575	7,182,303	4,929,722	7,447,936	4,873,281	7,543,546	4,927,853	7,261,625	4,616,816	7,458,489	4,755,307
Date	21		22		23		24		25		26		27	
Low Service	3,963,332	2,858,470	5,320,613	2,749,231	5,025,704	2,672,582	4,869,856	2,871,613	5,058,387	3,977,420	4,826,819	2,892,909	4,594,467	3,168,351
High Service	2,123,010	1,534,722	2,696,336	1,853,011	2,568,936	1,941,245	2,350,647	1,657,052	2,709,458	1,537,328	2,560,559	1,928,562	2,582,042	1,566,969
Total Consumption	6,086,342	4,393,192	8,016,949	4,602,242	7,594,640	4,613,827	7,220,503	4,528,665	7,767,845	5,514,748	7,387,378	4,821,471	7,176,509	4,735,320
Date	28		29		30									
Low Service	3,802,395	3,224,113	4,859,463	3,349,089	4,924,766	3,179,103	.....	.....	.....	.....	.....	.....	.....	.....
High Service	2,227,472	1,468,453	2,793,353	1,615,353	2,319,212	1,836,835	.....	.....	.....	.....	.....	.....	.....	.....
Total Consumption	6,029,867	4,692,566	7,652,816	4,964,442	7,243,978	5,015,938	.....	.....	.....	.....	.....	.....	.....	.....

CONSUMPTION STATEMENT—NOVEMBER, 1888.

	Sunday.		Monday.		Tuesday.		Wednesday.		Thursday.		Friday.		Saturday.	
	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.	7 a.m. to 7 p.m.	7 p.m. to 7 a.m.
Date	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	Gal's.	1 Gal's.	Gal's.	2 Gal's.	Gal's.	3 Gal's.
Low Service	.....	.....	.....	.....	.....	.....	.....	.....	5,175,082	2,998,718	5,014,250	3,464,752	4,955,418	3,032,374
High Service	.....	.....	.....	.....	.....	.....	.....	.....	2,135,075	1,821,657	2,546,131	1,457,978	2,593,710	1,590,463
Total Consumption	.....	.....	.....	.....	.....	.....	.....	.....	7,310,157	4,820,375	7,560,381	4,922,730	7,549,128	4,622,837
Date	4		5		6		7		8		9		10	
Low Service	3,990,583	2,965,509	4,479,051	3,256,108	4,008,735	3,833,660	4,236,834	3,483,564	4,946,550	3,260,972	4,957,679	3,542,140	4,471,302	3,559,675
High Service	2,385,049	1,532,339	2,672,993	1,559,638	2,437,922	1,328,576	2,974,672	1,575,341	2,546,927	1,632,125	2,565,540	1,381,588	2,601,910	1,406,766
Total Consumption	6,375,632	4,497,848	7,152,044	4,815,746	6,446,657	5,162,236	7,211,506	5,058,905	7,493,477	4,893,097	7,523,219	4,923,728	7,073,212	4,966,441
Date	11		12		13		14		15		16		17	
Low Service	3,706,606	2,922,549	5,543,904	3,363,790	4,854,348	3,033,303	4,873,266	3,619,826	4,677,883	2,675,348	5,620,329	3,100,396	4,775,936	3,049,581
High Service	2,331,521	1,812,203	2,264,136	1,706,293	2,559,641	1,895,440	2,740,327	1,414,269	2,464,046	1,510,471	2,599,201	1,570,923	2,759,895	1,517,473
Total Consumption	6,038,127	4,734,752	7,808,040	5,070,083	7,413,989	4,928,743	7,613,593	5,034,095	7,141,929	4,185,819	8,219,530	4,671,319	7,535,829	4,567,054
Date	18		19		20		21		22		23		24	
Low Service	3,906,069	3,392,306	4,670,773	2,956,010	4,836,231	3,766,761	4,447,009	3,830,910	4,680,524	3,692,807	4,629,347	3,869,913	5,071,172	3,865,765
High Service	2,397,367	1,384,722	2,722,341	1,723,426	2,870,393	1,787,026	2,841,541	1,530,091	2,711,653	1,766,787	2,873,264	1,969,435	2,773,597	1,331,546
Total Consumption	6,303,436	4,777,028	7,393,114	4,679,436	7,706,624	5,553,787	7,288,550	5,361,001	7,392,177	5,459,594	7,502,611	5,839,348	7,844,769	5,197,311
Date	25		26		27		28		29		30			
Low Service	4,006,051	3,904,301	5,037,769	3,966,853	5,131,099	3,640,925	5,448,329	3,564,074	4,393,652	3,442,434	5,221,012	3,931,565	.....	.....
High Service	2,582,575	1,520,633	2,984,597	1,866,572	2,825,916	1,803,116	2,674,407	1,481,173	2,438,714	1,485,621	2,651,367	1,415,728	.....	.....
Total Consumption	6,588,626	5,424,934	8,022,366	5,833,425	7,957,015	5,444,041	8,122,736	5,045,247	6,832,366	4,928,055	7,872,379	5,347,293	.....	.....

NEW LIST

—OF—

HYDRANTS SET

FOR THE

YEAR ENDING NOV. 30TH, 1888.

HYDRANT STATEMENT.

FOR THE YEAR ENDING NOVEMBER 30, 1888.

(As a continuation to the list of Hydrants in the reports of 1883, 1884, 1885, 1886 and 1887.)

NEW HYDRANTS SET.

LOW SERVICE.

No.		Pressure Pounds.
140	DeGraw ave., w. s., bet. Verona and Montclair aves. (Galvin)..	9
141	N. W. corner Summer and Verona aves. (Galvin).....	40
142	Verona ave., n. s., opp. Woodside ave. (Galvin).....	38
249	N. W. corner Broad and Orange sts. (Mathews, 6-inch).....	30
297	N. W. corner Broad and Market sts. (Galvin, 6-inch).....	29
348	S. W. corner Broad and Market sts. (Galvin, 6-inch).....	25
396	S. E. corner Broad and Market sts. (Galvin, 6-inch).....	24
499	N. W. corner Frelinghuysen ave. and Alpine st. (Galvin).....	31
598	Jersey st., w. s., north of Market st. (Galvin).....	33
686	S. W. corner Lang st. and Hamburgh place (Galvin, 6-inch)...	33
739	S. W. corner St. Francis and George sts. (Galvin).....	32
740	N. E. corner George and Main sts. (Galvin).....	32
741	N. W. corner Magazine and Amsterdam sts. (Galvin).....	33
742	S. E. corner Lexington st. and Passaic ave. (Galvin).....	30
743	S. E. corner Komorn and St. Francis sts. (Galvin, 6-inch).....	30
827	N. E. corner Delancy and Adams sts. (Galvin).....	35
869	Emmet st., s. s., opp. Goble st. (Galvin).....	32
870	S. W. corner Avenue A and Wright st. (Galvin).....	29

HIGH SERVICE.

1098	Nelson place, n. s., bet. High st. and Sydney place (Galvin)..	65
1099	N. W. corner Nelson and Sydney places (Galvin).....	62
1143	N. W. corner Clinton and Badger aves. (Galvin).....	64
1144	N. E. corner Clinton and Peshine aves. (Galvin).....	56
1145	S. W. corner Hunterdon and Vanderpool sts. (Galvin).....	47
1146	Jelliff ave., w. s., bet. Clinton ave. and Vanderpool st. (Galvin)	58
1190	N. W. cor. Bleecker & High sts., (temp. on Low Service) (Galvin)	31
1249	N. W. corner Dickerson st. and Morris ave. (Galvin).....	53
1292	N. W. corner Warren st. and Central ave. (Galvin).....	40
1293	S. W. corner Warren and South 7th sts.....	40
1438	S. W. corner Fifth st. and Seventh ave. (Galvin).....	53
1490	N. W. corner Parker and Circular sts. (Galvin).....	55
1491	Clifton ave., w. s., bet. 4th and 5th aves. (Galvin).....	43
1546	Morris ave., w. s., bet. 14th and 15th aves. (Galvin).....	28
1585	S. W. corner Winans ave. and Bergen st. (Galvin).....	62

1586	S. E. corner Waverly place and Bergen st. (Galvin)	38
1587	S. W. corner Waverly place and Bergen st. (Galvin)	60
1588	S. W. corner Magnolia and Bergen sts. (Galvin)	55
1589	South 7th st., w. s., bet. Jacob st. and 16th ave. (Galvin)	40
1625	N. E. corner 14th ave. and South 19th st. (Galvin)	32
1626	South 12th st., w. s., bet. Springfield and Woodland aves	60
1725	S. W. corner Badger and Avon aves. (Galvin)	60

HYDRANTS REMOVED.

131	Verona ave., n. s., at dead end, bet. Lake st. and DeGraw ave. to n. s. of Verona ave., opp. e. s. of DeGraw ave. (Galvin)	14
132	Aqueduct st., w. s., from dead end, bet. Verona and Montclair aves., about 200 feet southerly	8

SUMMARY OF HYDRANTS.

Low Service	755
High Service	606
Belleville Village	17
Belleville Pumping Station	3
Total	1381

RUTGERS THE STATE UNIVERSITY
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