

12-1-1895

# Mayor's Message and Municipal Reports, City of Portland, Ore. 1895

Portland (Or.). Office of the Mayor

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MAYOR'S MESSAGE  
AND  
MUNICIPAL REPORTS

City of Portland, Ore.

1895.



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CITY OF PORTLAND,

OREGON.

MAYOR'S • MESSAGE

—AND—

MUNICIPAL REPORTS

—FOR THE—

FISCAL YEAR ENDING DECEMBER 31,

1895.

PORTLAND, OREGON  
SCHWAB BROS. PRINTING AND LITHO. CO.  
CITY PRINTERS  
1896

# I N D E X.

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Mayor's Message .....	17
Report of Auditor .....	25
Report of Treasurer .....	71
Report of Superintendent of Streets.....	83
Report of City Surveyor.....	101
Report of Municipal Judge.....	135
Report of Police Commissioners .....	137
Report of Chief of Police .....	139
Report of Fire Commissioners.....	171
Report of Chief Engineer Fire Department .....	191
Report of Supt. Fire Alarm Telegraph .....	249
Report of Inspector of Plumbing and Drainage.....	271
Report of Inspector of Steam Boilers.....	273
Report of City Hall Commission.....	281
Report of Bridge Commission .....	291
Report of Water Committee.....	295

CITY OFFICERS—1895.

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Mayor.....	<i>G. P. Frank</i>
Treasurer .....	<i>Frank Hacheney</i>
Auditor .....	<i>A. N. Gambell</i>
Attorney .....	<i>R. R. Giltner</i>
Deputy Attorney .....	<i>J. W. Paddock</i>
“ .....	<i>R. E. Sewell</i>
Superintendent of Streets .....	<i>H. D. Gradon</i>
Surveyor .....	<i>T. M. Hurlburt</i>
Municipal Judge.....	<i>B. M. Smith</i>
Chief of Police.....	<i>John W. Minto</i>
City Physician.....	<i>Dr. C. H. Wheeler</i>
Overseer Street Cleaning and Sprinkling.....	<i>S. C. Beach</i>
Deputy Auditor.....	<i>S. Grutze</i>
“ .....	<i>T. C. Devlin</i>
Deputy Treasurer.....	<i>E. Werlein</i>
Deputy Superintendent of Streets .....	<i>Wm. Braden</i>
“ “ “ .....	<i>A. M. Shannon</i>
“ “ “ .....	<i>J. W. Brown</i>
“ “ “ .....	<i>Geo. Bodman</i>

Draughtsman.....	<i>A. Reuter</i>
Deputy Surveyor .....	<i>Geo. Scoggin</i>
“ .....	<i>J. R. Hanson</i>
Sealer of Weights and Measures .....	<i>W. T. Everson</i>
Inspector of Plumbing and Drainage.....	<i>E. J. Floyd</i>
Deputy Inspector of Plumbing and Drainage...	<i>W. H. Moore</i>
Harbor Policeman.....	<i>H. J. McInnis</i>
Poundmaster .....	<i>John Foster</i>
Park Keeper.....	<i>C. M. Myers</i>
Inspector of Steam Boilers .....	<i>W. T. Everson</i>
Deputy Inspector of Steam Boilers.....	<i>W. S. Lotan</i>

COMMON COUNCIL.

---

President of the Council,	-	-	-	T. C. Malone
First Ward,	-	-	-	C. E. Rumelin
Second Ward,	-	-	-	J. Monks
Third Ward,	-	-	-	D. W. Burnside
Fourth Ward,	-	-	-	J. P. Moffett
Fifth Ward,	-	-	-	H. Fleckenstein
Sixth Ward,	-	-	-	J. M. Terwilliger
Seventh Ward,	-	-	-	T. C. Malone
Eighth Ward,	-	-	-	T. J. Jones
Ninth Ward,	-	-	-	W. B. Hall
Tenth Ward,	-	-	-	J. P. Menefee
Eleventh Ward,	-	-	-	W. H. Armstrong

# STANDING COMMITTEES

OF THE

COMMON COUNCIL OF THE CITY OF PORTLAND.

## WAYS AND MEANS.

W. B. HALL. C. E. RUMELIN. H. FLECKENSTEIN

## ACCOUNTS AND CURRENT EXPENSES.

H. FLECKENSTEIN J. M. TERWILLIGER J. P. MOFFETT

## STREET CLEANING AND SPRINKLING.

J. M. TERWILLIGER J. P. MOFFETT J. MONKS  
J. P. MENELEE T. J. JONES

## STREETS.

C. E. RUMELIN W. B. HALL T. C. MALONE  
W. H. ARMSTRONG H. FLECKENSTEIN

## SEWERS AND DRAINAGE.

T. C. MALONE J. P. MENELEE J. MONKS  
J. M. TERWILLIGER J. P. MOFFETT.

## PARKS AND PUBLIC PROPERTY.

J. P. MOFFETT W. H. ARMSTRONG H. FLECKENSTEIN

**HEALTH AND POLICE.**

T. J. JONES

J. MONKS

D. W. BURNSIDE

**JUDICIARY AND ELECTIONS.**

W. H. ARMSTRONG

J. P. MENELEE

W. B. HALL

**COMMERCE, LANDINGS AND WHARVES.**

D. W. BURNSIDE

T. J. JONES

W. B. HALL

**SPECIAL WATER.**

J. P. MENELEE

D. W. BURNSIDE

T. J. JONES

**LICENSES.**

J. MONKS

T. C. MALONE

C. E. RUMELIN

**SPECIAL LIGHT.**

J. P. MENELEE

J. MONKS

T. J. JONES

T. C. MALONE

D. W. BURNSIDE

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Regular meetings of the Common Council on first and third Wednesdays in each month. The Common Council and all Committees meet at 2 o'clock P. M.



REGULAR MEETINGS OF THE COMMON COUNCIL

First and Third Wednesdays of each month,

at 2 o'clock P. M.

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COMMITTEE MEETINGS.

---

COUNCIL WEEK.

Monday.....Ways and Means  
Monday.....Judiciary and Elections  
Tuesday .....License  
Tuesday:.....Special Committees  
Tuesday .....Accounts and Current Expenses

WEEK BEFORE COUNCIL MEETING.

Tuesday .....Commerce, Landings and Wharves  
Wednesday .....Parks and Public Property  
Thursday .....Street Cleaning and Sprinkling  
Friday .....Sewers and Drainage  
Saturday .....Streets  
Saturday.....Health and Police

Committees meet at 2 P. M.

HEALTH DEPARTMENT.

---

Board of Health } .....G. P. Frank, Mayor  
                  } .....John W. Minto, Chief of Police  
                  } .....T. J. Jones, Councilman  
                  } .....Dr. C. H. Wheeler, City Physician

---

POLICE DEPARTMENT.

---

Board of Police Commissioners } ..... G. W. Bates  
                                      } ..... P. L. Willis  
                                      } ..... A. B. Croasman  
President .....G. W. Bates  
Clerk.....J. G. Mack  
Municipal Judge.....B. M. Smith  
Chief of Police .....John W. Minto  
Captains of Police } C. Gritzmacher, A. M. Cox, A. Holm-  
                          } berg, F. Buchtel, C. T. Belcher.  
Clerk of Police Department .....L. Rau

BOARD OF FIRE COMMISSIONERS  
—OF—  
PORTLAND PAID FIRE DEPARTMENT  
1895.

---

SYLVESTER FARRELL, President.

H. S. ROWE.

WM. FLIEDNER.

---

OFFICERS.

---

David Campbell.....Chief Engineer

A. Donaldson.....Assistant Engineer  
(District East Side.)

M. Laudenklos.....District Engineer  
(District North of Morrison Street.)

G. H. Wemple.....District Engineer  
(District South of Morrison Street.)

A. J. Coffee.....Supt. Fire Alarm

---

Office of the Board of Fire Commissioners, Chief Engineer  
and Secretary, City Hall.

H. H. HOLMES, Secretary.

THE WATER COMMITTEE  
OF THE  
CITY OF PORTLAND, OREGON.

---

H. W. Corbett,	Henry Failing,	C. H. Carey,
C. H. Raffety,	R. B. Knapp,	L. Fleischner,
L. Therkelsen,	S. G. Reed,	J. Loewenberg,
G. P. Frank,	C. H. Lewis,	C. A. Dolph,
H. W. Scott,		C. H. Hill.

HENRY FAILING, Chairman.

C. H. LEWIS, Treasurer.

FRANK T. DODGE, Clerk.

SUB-COMMITTEE ON CONSTRUCTION.

G. P. Frank, Chairman.

C. A. Dolph,	Henry Failing,
J. Loewenberg,	L. Therkelsen.

SUB-COMMITTEE ON WATER WORKS.

Henry Failing, Chairman.

L. Fleischner.

Isaac W. Smith, Engineer and Superintendent.

Frank T. Dodge, Asst. Supt. and Accountant.

NEW CITY HALL COMMISSION

OF THE

CITY OF PORTLAND, OREGON.

---

C. B. Bellinger,

A. H. Breyman,

W. M. Ladd,

J. J. Fisher,

C. M. Forbes,

H. J. Corbett,

W. B. Ayer.

---

W. M. LADD, Chairman,

CHAS. RANDOLPH, Clerk.

THE BRIDGE COMMISSION  
OF THE  
CITY OF PORTLAND, OREGON.

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ORGANIZED NOVEMBER 27, 1893.

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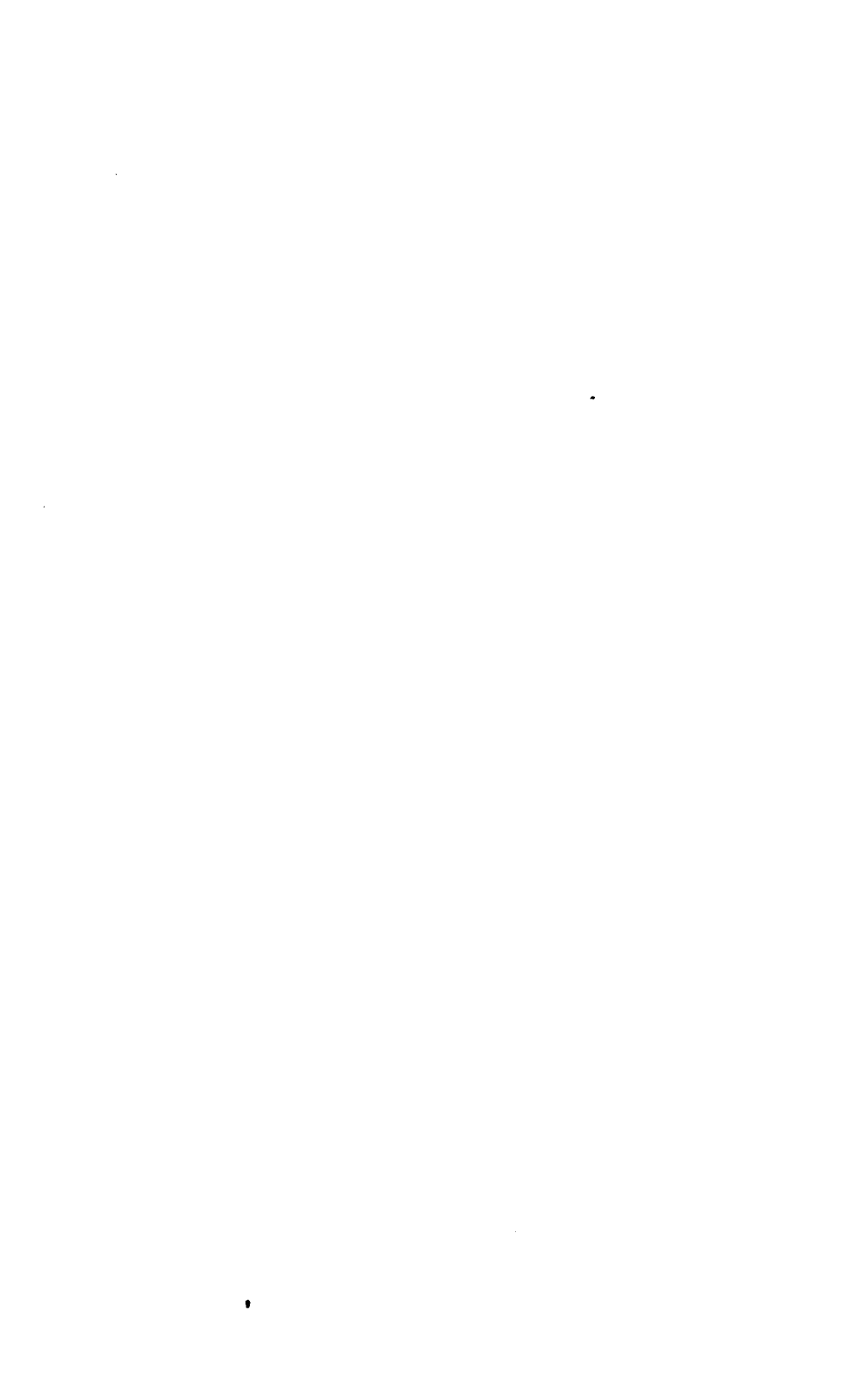
	Term of Office
John L. Sperry, .....	Eight years
Thos. W. Pittenger,.....	Six years
Christopher C. Redman,.....	Four years
Wm. M. Ladd, .....	Two years

---

JOHN L. SPERRY, Chairman,

W. M. LADD, Treasurer.

THOS. W. PITTENGER, Clerk.



# MAYOR'S ANNUAL MESSAGE.

1895.

---

PORTLAND, January 2, 1896.

*To the Common Council of the City of Portland :*

Another year has passed away, and it is again my duty to present to your Honorable Body information concerning the condition of the finances of the city, and the work accomplished in the different departments during the past year.

Before proceeding to lay before you a statement of receipts and disbursements, I beg to call your attention to some facts which should be considered in reviewing the administration of municipal affairs during the year, and should be kept in mind in planning for the future.

Throughout several years of continuously increasing public and private prosperity, which stimulated enterprise beyond reasonable bounds, and expended credit and made it easy for public corporations, as well as private individuals, to speculate upon the future, the city government incurred obligations which have had to be met during a period of universal business and financial distress. Many of these obligations were not voluntarily assumed by the officers of the city, but were laid upon the municipality by acts of the state legislature. What has been thus done need not be criticised, but suffice it to say, that just as some of our citizens have burdened themselves with debt to erect great buildings, the city has been heavily laden with debts for public improvements; and, though the buildings may be beautiful and commodious, and of great public benefit, yet, in view of the conditions during the past year, the owners, like the public at large, may confess to errors of judgment and past extravagance in explanation of present stringent circumstances.

Our free bridges, and city hall, however convenient, have added to the expenses of the municipal government, and the interest upon the bonded indebtedness of the city must be regularly paid in spite of diminished revenues from the usual sources.

The cares of the city officers during 1895 have been much increased because of an injunction suit to prevent the collection of taxes, which was instituted and is still maintained by certain individuals for their own benefit. Although the estimates for the year 1895 had been carefully and economic-



ally made, so that a reduction in the expense of every department over previous years was contemplated, and the computations were made with a view barely to produce sufficient funds by taxation to meet the interest charges and other expenses that would necessarily be incurred, the persons alluded to procured an injunction to be sued out in the courts, so that the collection and use of the city's funds became impossible. On this account, default would have been made in the payment of the semi-annual interest due upon certain bonds of the city, but for some temporary relief that was granted at the last moment. And, notwithstanding the fact that the legality of the tax has been sustained by the court, and the right of the city to collect the tax is established by judicial decision, and notwithstanding the greater number of taxpayers have paid the tax complained of, and none but a few of the wealthier are still in default, and notwithstanding there are pressing claims against the city to be met and another installment of interest must be paid, and notwithstanding that the failure to collect the delinquent taxes will necessitate a heavier levy during the next year than would otherwise be required, these same citizens persist in keeping the hands of the government tied by appealing the case to the Supreme Court.

I feel it my duty to call your attention to this matter so that the blame may be placed where it belongs. I now proceed to show you by a brief statement of the receipts and disbursements during the year that an economical administration of affairs has been adopted, and that in spite of the heavy obligations incurred in former times, and imposed by state legislation, the city has greatly reduced its expenditures. It will be seen that in whatever department the Mayor has had the power by the Charter to control the outlay of money, a great saving has been affected.

Following is a statement of the receipts and liabilities of the City of Portland for the year 1895.

AGGREGATE STATEMENT OF THE RECEIPTS AND LIABILITIES,  
CITY OF PORTLAND, 1895.

RECEIPTS.

*To cash in Funds January 1, 1895, viz:*

General Fund . . . . .	\$ 9,634 39
Street Cleaning and Sprinkling Fund . . . . .	02
Fire Department Fund . . . . .	03
Police Department Fund . . . . .	03
Lamp Fund . . . . .	78 18
Interest Fund . . . . .	25,439 37
	<hr/>
	\$ 35,152 02

## RECEIPTS.

*General Fund :*

Taxes 1895 . . . . .	\$133,123 61	
Licenses . . . . .	134,020 89	
Miscellaneous . . . . .	22,706 63	
	<u>                    </u>	\$289,851 13

*Street Cleaning and Sprinkling Fund :*

Licenses . . . . .	\$ 8,327 71	
Municipal Court . . . . .	5,145 75	
	<u>                    </u>	\$ 13,473 46

*Fire Department Fund :*

Taxes 1895 . . . . .	\$102,402 83	
Miscellaneous . . . . .	3,239 00	
	<u>                    </u>	\$105,641 83

*Police Department Fund :*

Taxes 1895 . . . . .	\$ 92,162 55	
Miscellaneous . . . . .	1,650 64	
	<u>                    </u>	\$ 93,813 19

*Interest Fund :*

Taxes 1895 . . . . .	\$ 58,149 34	
Delinquent taxes . . . . .	1,484 69	
	<u>                    </u>	\$ 59,634 03
		<u>                    </u>
		\$597,565 66

## LIABILITIES.

*Acc't General Fund :*

Jan. 1—Outstanding warrants . . . . .	\$ 47,318 64	
Warrants drawn 1895 . . . . .	186,965 60	
Transfers to Street and Sewer Funds . . . . .	3,548 84	
Interest on Warrants . . . . .	1,184 40	
	<u>                    </u>	\$239,017 48

*Acc't Street Cleaning and Sprinkling Fund :*

Jan. 1—Outstanding warrants . . . . .	\$ 15,536 00	
Warrants drawn 1895 . . . . .	47,370 80	
	<u>          </u>	\$ 62,906 80

*Acc't Lamp Fund :*

Jan. 1—Warrants outstanding . . . . .	\$ 21,542 60	
Warrants drawn 1895 . . . . .	81,098 71	
	<u>          </u>	\$102,641 31

*Acc't Fire Department Fund :*

Jan. 1—Warrants outstanding . . . . .	\$ 13,641 47	
Warrants drawn 1895 . . . . .	99,584,07	
	<u>          </u>	\$113,225 54

*Acc't Police Department Fund :*

Jan. 1—Warrants outstanding . . . . .	\$12,858 46	
Warrants drawn 1895 . . . . .	86,318 33	
	<u>          </u>	\$ 99,176 79

*Interest Fund :*

Coupons and Warrants paid . . . . .	\$ 66,464 56	
	<u>          </u>	\$683,482 48
Deficit Dec. 31, 1895 . . . . .		\$ 85,866 82

## SUMMARY STATEMENT.

Jan. 1, 1895—Cash in Funds . . . . .	\$ 35,152 02	
Cash rec'd during 1895, all sources . . . . .	562,413 64	
	<u>          </u>	\$597,565 66

## LIABILITIES.

Jan. 1, 1895—Warrants outstanding . . . . .	\$110,897 17	
Warrants drawn 1895 . . . . .	501,337 41	
Interest Account . . . . .	67,648 96	
Transfers to Street and Sewer Funds . . . . .	3,548 84	
	<u>          </u>	\$683,432 38
Deficit Dec. 31, 1895 . . . . .		\$ 85,866 82
Uncollected taxes 1895 . . . . .		91,051 90

The deficit on December 31st, 1895, was \$85,866.82. We have as an offset to this, uncollected taxes for 1895 amounting to \$91,051.90, the collection of which was enjoined by order of the Court. Thus, if the delinquent taxes had been collected, there would be no deficit.

An interesting table of expenditures during the past six years is herewith presented for the purpose of showing more particularly the reduction of expenditures in 1895.

Year	General Fund	Fire Department Fund	Police Fund	Street Cleaning and Sprinkling Fund	Street Lighting Fund	Interest (Not including Water Bonds.)
*1890	\$108,182.00	\$115,672.08	\$ 62,173.68	\$ 49,473.33	\$ 27,848.55	\$ 14,515.00
1891	142,923.37	124,644.65	85,490.53	68,816.00	40,018.81	28,465.00
1892	176,434.94	141,915.35	107,703.11	49,065.48	67,663.57	36,487.25
1893	172,683.09	150,558.09	119,196.43	61,921.40	75,007.89	47,822.99
1894	186,504.24	132,777.66	103,993.62	53,462.75	83,490.83	62,374.03
1895	186,965.00	99,584.07	86,318.33	47,420.80	81,098.71	67,648.90

\*The year before consolidation.

As will be seen by the foregoing table, the amount of interest paid out annually by the city has steadily increased. The amount disbursed for this purpose in 1895 was \$67,648.90. Owing to the fact that by recent legislation the city will hereafter be required to pay interest on bridge and ferry bonds amounting to \$550,000, and also interest on an issue of \$200,000 additional bonds for the purchase of Stark Street Ferry and Morrison Street Bridge, this item of interest will be largely increased. I estimate the amount for 1896 at \$101,640, including the \$37,500 not heretofore included in the city's annual levy. It will be observed that to raise this sum alone a two mill tax on a valuation of taxable property of fifty million dollars will be necessary. In other words, this expense which is now, by the Acts of the Legislature, required to be paid out of the funds raised by the city by taxation, will require the city to add two mills to its levy, so that instead of being able to conduct the city affairs upon a total tax of seven mills or less, the levy of some nine mills will be required. This interest item is one of the principal expenses of the city government, and with the expenses of the fire department, police department and street lighting, comprises three-fourths of the total expense of operating the city government.

In relation to the fire and police department, I beg to call your attention to the great reduction of expenditure over previous years. In 1895 the cost of operating the fire department was in round numbers \$100,000.00

against the cost in 1893 of \$150,558.09, a saving over 1893 of \$50,000.00. The expenses of this department have been reduced as low as practicable to maintain its efficiency.

The same may be said of the police department, the cost of which during 1895 was \$86,318.00. In 1893 the cost was \$119,196.43, a reduction of \$32,878. The apparent reduction in the cost of street lighting has not been so large, but since the consolidation of the cities there is such a vast area to be properly lighted that no greater reduction has been found feasible, and, moreover, the number of lights has been largely increased during the year, so that, though the amount actually paid out is but little less than last year, the service has been greatly improved.

I wish to call especial attention to the amount which has been disbursed for the salary of city officers and employes, which is \$72,000. It appears that a large number of our taxpayers think that the principal expense of running the city government is for salaries; whereas, out of over \$600,000.00 annually expended for all city purposes the salaries are comparatively a small portion. The cost of maintaining and operating the street cleaning and sprinkling department for the year 1895 is \$47,420.85, some \$7000 over the estimate. This department is not directly under the control or supervision of the Mayor. I am of the opinion that the city charter should be so changed as to give the Mayor power to appoint a superintendent of this department, who shall have absolute control thereof, and be held responsible for conducting it; in this way, as the other departments under the charge of the Mayor, a reduction in expenditures can be secured.

The crematory and the handling of garbage has cost some \$12,418 for the year 1895. It is not necessary for me to comment on this, as this matter is now in the same condition as it was at the end of the year 1894, and I would refer to my message for that year for a statement of my views upon it.

The expense of maintaining our new city hall building is \$5,000 per annum more than the cost of the old quarters at the corner of Second and Ash streets. We have a building that we may well be proud of, but the additional expense that this administration is subjected to on account of it was not voluntarily incurred by the city officials.

Respecting repairs to streets and bridges, the estimate for 1895 was \$9500, while the cost was \$14,839.31. The principal part of this money was spent for repairs on elevated roadways on the East side, and the expense of keeping in repair these roadways from year to year will be a large item. It is claimed that by the consolidation of the cities this obligation was assumed, and that the City of Portland is required to carry out certain contracts and agreements entered into by the City of East Portland, by which certain streets must be kept in repair by the municipality for a term of years.

Parks and public property have cost the city on an average \$15,000 each year for several years past. I have steadily advocated during the year and a half that I have held the office of Mayor that no money be expended for this purpose until the reservoirs at the City Park are completed. After the reservoirs are completed it will be time enough for the city to have the park grounds laid out by some practical engineer or landscape gardener, and in this way any money afterwards spent from year to year for improvements will be of permanent benefit to the city.

Among other items included in the general fund is the expense for litigation and relief. The estimate for 1895 was \$20,000, but we have paid out about \$38,000, or some \$18,000 above the estimate. This expense arises from errors of previous years, and from the consolidation of the cities, and in this, as well as in the other items which I have called attention to, wherein the expenditures have exceeded the estimate, it will be seen that the difference could not have been foreseen or provided for, and the expense is due to no fault of the present administration.

It is my desire to economize in every branch of the city government. In those departments over which I have sufficient control to be able to regulate the expenditures, a material saving has been effected. In other departments a similar course should be adopted for the ensuing year.

Respectfully submitted,

G. P. FRANK,

*Mayor.*

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
530 CHICAGO DRIVE  
CHICAGO, ILLINOIS 60637

ANNUAL REPORT  
OF THE  
AUDITOR OF THE CITY OF PORTLAND,  
FOR THE YEAR ENDING DEC. 31, 1895.

---

GENERAL FUND.

Balance in fund Dec. 31, 1894 . . . . . \$ 9,634 39

*Received from :*

Tax Roll, 1895 . . . . .	\$133,123 61
“ 1894, delinquent . . . . .	1,880 61
“ 1893, “ . . . . .	420 50
“ 1892, “ . . . . .	841 10
“ 1891, “ . . . . .	125 60
“ 1890, “ . . . . .	351 35
“ 1889, “ . . . . .	255 55
“ 1888, “ . . . . .	89 77
“ 1887, “ . . . . .	84 64
“ 1886, “ . . . . .	233 97
“ 1885, “ . . . . .	39 21
“ 1884, “ . . . . .	12 02
“ 1883, “ . . . . .	92
“ 1881, “ . . . . .	30
“ 1879, “ . . . . .	3 30
General licenses . . . . .	134,020 89
Dog licenses . . . . .	3,243 00
Municipal Judge, fines and costs . . . . .	3,623 65
Chief of Police, costs delinq't st. and sewer assess'ts . . . . .	1,213 22
Pound Master, pound fees . . . . .	1,738 75
Redemption of property . . . . .	36 26
Weighing rock at City Barn . . . . .	2 00
Sale of nine horses . . . . .	285 50
Sale of water at City Park . . . . .	42 00
Forfeiture of hawkers license . . . . .	5 00
<i>Amount carried forward</i> . . . . .	\$291,307 11



<i>Amount brought forward</i> . . . . .	291,307 11
Sale of stoves and tables . . . . .	36 50
Sale of chandeliers . . . . .	7 50
Sale of sacks . . . . .	3 00
Sale of elk . . . . .	50 00
Sale of desks . . . . .	30 00
Sale of codified ordinances . . . . .	5 00
Sale of wood to School District No. 1 . . . . .	100 00
County Road Fund Warrant . . . . .	61 10
Rent of offices in City Hall . . . . .	410 00
Costs extension Commercial street . . . . .	136 30
Amount refunded on overpaid bill . . . . .	5 38
Street improvement warrants . . . . .	92 82
Interest on street improvement warrants . . . . .	211 95
Removing dead animals . . . . .	11 00
Transfer from street improvement funds . . . . .	1,988 17
Transfer from sewer funds . . . . .	904 26
Transfer from street extension funds . . . . .	45 00
Transfer from E. Alder st. sewer interest fund . . . . .	162 35
Transfer from East Side water expense fund . . . . .	3,918 08
	<hr/>
	\$299,485 52

## CONTRA.

*Transferred to:*

Street Cleaning and Sprinkling fund . . . . .	35,000 00
Lamp fund . . . . .	56,500 00
Sundry Street Improvement funds . . . . .	1,747 84
Sundry Sewer funds . . . . .	1,744 75
Willamette River fund . . . . .	56 25
Interest paid on warrants . . . . .	1,088 47
Warrants paid and returned to Dec. 31, 1895 . . . . .	158,111 02
Balance in fund Dec. 31, 1895 . . . . .	45,237 19
	<hr/>
	\$299,485 52

## AUDITED CLAIMS PAID BY WARRANTS.

## SALARIES.

Mayor and members of the Common Council . . . . .	16,000 00
Auditor . . . . .	2,400 00
City Attorney . . . . .	3,000 00
	<hr/>
<i>Amount carried forward</i> . . . . .	\$ 21,400 00

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<i>Amount brought forward</i> . . . . .	\$ 21,400 00
Superintendent of Streets . . . . .	2,400 00
City Treasurer . . . . .	3,000 00
City Surveyor . . . . .	2,400 00
City Physician . . . . .	1,800 00
Municipal Judge . . . . .	3,000 00
Pound Master . . . . .	1,080 00
Inspector of Plumbing and Drainage . . . . .	1,200 00
Park Keeper . . . . .	1,200 00
Street Repairer . . . . .	1,080 00
Harbor Police . . . . .	1,200 00
Deputies, Superintendent of Streets . . . . .	8,400 00
Deputies, City Attorney . . . . .	2,700 00
Deputy Inspector of Plumbing and Drainage . . . . .	1,080 00
Deputy Pound Master . . . . .	900 00
Clerk hire Auditor's office . . . . .	9,308 55
Clerk hire Municipal Judge . . . . .	1,500 00
Clerk hire Treasurer's office . . . . .	1,500 00
Assistants, City Surveyor . . . . .	5,655 00
Surveyor's assistants . . . . .	5,130 00
Clerk hire, Chief of Police . . . . .	321 12
Assistant License Inspector . . . . .	75 00

STREETS AND PUBLIC PROPERTY.

Improvement of streets in front of city property . . . . .	\$ 80 82
Repairs to streets and bridges . . . . .	14,764 06
Sewers and nuisances . . . . .	4,612 70
Care of parks and public grounds . . . . .	15,416 47
Street monuments . . . . .	85 25
Purchase of property . . . . .	349 79

CITY HALL, EXPENSE.

Rent . . . . .	\$ 325 00
Salary Superintendent, Watchman and Janitors . . . . .	3,184 58
Fuel, lights and elevator . . . . .	5,075 68
New furniture and carpets . . . . .	961 88
Repairs to furniture . . . . .	356 52
Miscellaneous expenses . . . . .	1,098 95
Insurance . . . . .	523 00
Safe for Treasurer's office . . . . .	750 00

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*Amount carried forward* . . . . . \$123,914 37

*Amount brought forward* . . . . . \$123,914 37

## CREMATORY.

Transporting garbage and operating crematory . . . . .	6,000 00
Repairs to crematory . . . . .	2,327 44
Rent of dock . . . . .	600 00
Rent of dumping ground . . . . .	500 00
Salary of officers at dump . . . . .	1,122 00
Removing dead animals . . . . .	870 50
Covering garbage . . . . .	625 00
Horse, wagon and harness . . . . .	215 25
Horse shoeing and repairs to wagon and harness . . . . .	47 40
Cartage . . . . .	13 00

## MISCELLANEOUS.

Stationery and blanks . . . . .	1,839 01
Advertising . . . . .	3,231 59
Relief of certain persons . . . . .	1,583 95
Litigation . . . . .	32,283 59
Working prisoners . . . . .	741 73
Expense of returning criminals . . . . .	500 00
Pay of viewers . . . . .	832 00
Purchase of transit and level . . . . .	282 45
Printing codified ordinances . . . . .	858 60
Printing Mayor's Message and Municipal Reports . . . . .	492 45
Maps for municipal reports . . . . .	200 00
Expense of Pound Master's department . . . . .	2,397 41
East side light plant, balance due on contract . . . . .	3,742 00
Purchase of boat for Harbor Master . . . . .	93 25
Miscellaneous expenses . . . . .	1,652 61

Total warrants drawn to Dec. 31, 1895 . . . . . \$186,965 60

Warrants outstanding Dec. 31, 1894 . . . . . 47,318 64

----- \$234,284 24

Warrants paid and returned to Dec. 31, 1895 . . . . . \$158,111 02

Warrants canceled . . . . . 24 00

Warrants outstanding Dec. 31, 1895 . . . . . 76,149 22

----- \$234,284 24

FIRE DEPARTMENT FUND.

Balance in fund Dec. 31, 1894 . . . . .	\$	03	
<i>Received from :</i>			
Tax roll, 1895 . . . . .	102,402	83	
Tax roll, 1894, delinquent . . . . .	2,474	50	
Sale of lot 2, block 18, Albina . . . . .	650	00	
Sale of copper and hose . . . . .	27	50	
Sale of two horses . . . . .	55	00	
Sale of old sacks . . . . .	5	00	
Sale of fire badges . . . . .	5	00	
Rent of engine . . . . .	10	00	
Exempt certificates . . . . .	12	00	
			----- \$105,641 86

CONTRA.

Warrants paid and returned to Dec. 31, 1895 . . . . .	\$105,641	35	
Balance in fund Dec. 31, 1895 . . . . .		51	
			----- \$105,641 86

WARRANTS DRAWN.

General expenses of Fire Department . . . . .	\$ 99,584	07	
Warrants outstanding Dec. 31, 1894 . . . . .	13,641	47	
			----- \$113,225 54
Warrants paid and returned to Dec. 31, 1895 . . . . .	\$105,641	35	
Warrants outstanding Dec. 31, 1895 . . . . .	7,584	19	
			----- \$113,225 54

POLICE DEPARTMENT FUND.

Balance in fund Dec. 31, 1894 . . . . .	\$	03	
<i>Received from :</i>			
Tax roll, 1895 . . . . .	92,162	55	
Tax roll, 1894, delinquent . . . . .	1,583	69	
Junk sale . . . . .	66	95	
			----- \$ 93,813 22

CONTRA.

Warrants paid and returned to Dec. 31, 1895 . . . . .	\$ 93,813	21	
Balance in fund Dec. 31, 1895 . . . . .		01	
			----- \$ 93,813 22

## AUDITOR'S REPORT.

## WARRANTS DRAWN.

General expense of Police Department	\$ 86,318 33	
Warrants outstanding Dec. 31, 1894	12,858 46	
	<u>                    </u>	\$ 99,176 79
Warrants paid and returned to Dec. 31, 1895	\$ 93,813 21	
Warrants outstanding Dec. 31, 1895	5,363 58	
	<u>                    </u>	\$ 99,176 79

## STREET CLEANING AND SPRINKLING FUND.

Balance in fund Dec. 31, 1894	\$	02
<i>Received from:</i>		
Transfer from General fund	35,000 00	
Municipal court, fines and costs	5,145 75	
General business licenses	8,327 71	
	<u>                    </u>	\$ 48,473 48

## CONTRA.

Warrants paid and returned to Dec. 31, 1895	\$ 47,477 83
Interest paid on warrants	95 93
Balance in fund Dec. 31, 1895	899 72
	<u>                    </u>
	\$ 48,473 48

## WARRANTS DRAWN.

Pay of laborers	\$ 31,377 67
General expenses of department	15,993 13
Warrants outstanding Dec. 31, 1894	15,536 00
	<u>                    </u>
	\$ 62,906 80
Warrants paid and returned to Dec. 31, 1895	\$ 47,477 83
Warrants canceled	1 00
Warrants outstanding Dec. 31, 1895	15,427 97
	<u>                    </u>
	\$ 62,906 80

## EAST PORTLAND WATER FUND.

Balance in fund Dec. 31, 1894	\$	16 85
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## CONTRA.

Warrants paid and returned to Dec. 31, 1895	\$	50
Balance in fund Dec. 31, 1895	16 35	
	<u>                    </u>	
	\$	16 85

WARRANTS DRAWN.

Warrants outstanding Dec. 31, 1894 . . . . .	\$	16 85	
Warrants paid and returned to Dec. 31, 1895 . . . . .	\$	50	
Warrants outstanding Dec. 31, 1895 . . . . .		16 35	
	-----	\$	16 85

EAST SIDE WATER EXPENSE FUND.

Balance in fund Dec. 31, 1894 . . . . .	\$	1,899 88	
Received from water rates . . . . .		4,296 07	
	-----	\$	6,195 95

CONTRA.

Warrants paid and returned Dec. 31, 1895 . . . . .	\$	2,186 17	
Transferred to General fund . . . . .		3,918 08	
Balance in fund Dec. 31, 1895 . . . . .		91 70	
	-----	\$	6,195 95

WARRANTS DRAWN.

General expense of East Portland water works . . . . .	\$	2,159 17	
Warrants outstanding Dec. 31, 1894 . . . . .		38 90	
	-----	\$	2,198 07
Warrants paid and returned to Dec. 31, 1895 . . . . .	\$	2,186 17	
Warrants outstanding Dec. 31, 1895 . . . . .		11 90	
	-----	\$	2,198 07

WILLAMETTE RIVER FUND.

Balance in fund Dec. 31, 1894 . . . . .	\$	8 71	
Received by transfer from General fund . . . . .		56 25	
	-----	\$	64 96

CONTRA.

Warrants paid and returned to Dec. 31, 1895 . . . . .	\$	56 25	
Balance in fund Dec. 31, 1895 . . . . .		8 71	
	-----	\$	64 96

WARRANTS DRAWN.

Warrants outstanding Dec. 31, 1894 . . . . .	\$	4 75	
Expense of City Dredger . . . . .		56 25	
	-----	\$	61 00

Warrants paid and returned to Dec. 31, 1895 . . . . .	\$	56	25	
Warrants outstanding Dec. 31, 1895 . . . . .			4	75
				----- \$ 61 00

## LAMP FUND.

Balance in fund Dec. 31, 1894 . . . . .	\$	78	18	
Received by transfer from General fund . . . . .		56	500	00
				----- \$ 56,578 18

## CONTRA.

Warrants paid and returned to Dec. 31, 1895 . . . . .	\$	56,564	10	
Balance in fund Dec. 31, 1895 . . . . .			14	08
				----- \$ 56,578 18

## WARRANTS DRAWN.

Lighting City of Portland . . . . .	\$	81,098	71	
Warrants outstanding Dec. 31, 1894 . . . . .		21,542	60	
				----- \$102,641 31
Warrants paid and returned to Dec. 31, 1895 . . . . .	\$	56,564	10	
Warrants outstanding Dec. 31, 1895 . . . . .		46,077	21	
				----- \$102,641 31

## INTEREST FUND—BONDED INDEBTEDNESS.

Balance in fund Dec. 31, 1894 . . . . .	\$	25,439	37	
<i>Received from :</i>				
Tax roll, 1895 . . . . .		58,149	34	
Tax roll, 1894, delinquent . . . . .		1,484	69	
				----- \$ 85,073 40

## CONTRA.

*Coupons paid and returned as follows :*

Bonded indebtedness, Portland . . . . .	\$	37,140	00	
Bonded indebtedness, East Portland . . . . .		18,210	00	
Bonded indebtedness, Albina . . . . .		5,310	00	
Bonded indebtedness, Ferry bonds . . . . .		1,250	00	
Interest paid on warrants . . . . .		3,972	21	
Warrants paid and returned to Dec. 31, 1895 . . . . .		582	35	
Balance in fund Dec. 31, 1895 . . . . .		18,608	84	
				----- \$ 85,073 40

WARRANTS DRAWN.

Reimbursement of Bridge Committee for interest paid on Bridge bonds . . . . .	\$ 500 00	
New York exchange . . . . .	82 35	
	<u>          </u>	\$ 582 35
Warrant paid and returned to Dec. 31, 1895 . . . . .		\$ 582 35

FIRE BADGE REDEMPTION FUND.

Balance in fund Dec. 31, 1894 . . . . .		\$ 77 00
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CONTRA.

Redemption of Fire Badges . . . . .	\$ 1 00	
Balance in fund Dec. 31, 1895 . . . . .	76 00	
	<u>          </u>	\$ 77 00

BOULEVARD FUND.

Balance in fund Dec. 31, 1894 . . . . .		\$ 217 77
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CONTRA.

Balance in fund Dec. 31, 1895 . . . . .		\$ 217 77
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WATER BONDS—INTEREST FUND.

Balance in fund Dec. 31, 1894 . . . . .	\$ 66,275 00	
Received from Water Committee . . . . .	140,000 00	
	<u>          </u>	\$206,275 00

CONTRA.

Coupons paid and returned to Dec. 31, 1895 . . . . .	\$133,725 00	
Balance in fund Dec. 31, 1895 . . . . .	72,550 00	
	<u>          </u>	\$206,275 00

LITIGATION FUND.

Balance in fund Dec. 31, 1894 . . . . .	\$ 91 30	
Received by warrant from General fund . . . . .	500 00	
Received from City Attorney . . . . .	28 40	
	<u>          </u>	\$ 619 70

CONTRA.

Expense of litigation as per returned vouchers . . . . .	\$ 579 05	
Balance in fund Dec. 31, 1895 . . . . .	40 65	
	<u>          </u>	\$ 619 70



## BRIDGE AND FERRY BONDS—INTEREST FUND.

Received from Multnomah county . . . . .	\$ 27,577 03
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## CONTRA.

Coupons paid and returned to Dec. 31, 1895 . . . . .	\$ 13,625 00
Warrants paid and returned to Dec. 31, 1895 . . . . .	45 78
Balance in fund Dec. 31, 1895 . . . . .	13,906 25
	----- \$ 27,577 03

## WARRANTS DRAWN.

New York exchange . . . . .	\$ 45 78
Warrants paid and returned to Dec. 31, 1895 . . . . .	\$ 45 78

## IMPROVEMENT FUND.

Received from payment of bonded liens . . . . .	\$ 7,017 45
---	-------------

## CONTRA.

Deposited with Security Savings and Trust Co. . . . .	\$ 7,017 39
Balance cash in treasury Dec. 31, 1895 . . . . .	06
	----- \$ 7,017 45

## IMPROVEMENT BOND—INTEREST FUND.

Received interest on bonded liens . . . . .	\$ 607 11
---	-----------

## CONTRA.

Balance in fund Dec. 31, 1895 . . . . .	\$ 607 11
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## EAST ALDER STREET SEWER—INTEREST FUND.

Received from all sources . . . . .	\$ 4,103 41
-------------------------------------	-------------

## CONTRA.

Interest paid on warrants . . . . .	\$ 3,786 00
Transferred to General fund . . . . .	162 35
Balance in fund Dec. 31, 1895 . . . . .	155 06
	----- \$ 4,103 41

## FUND SEALING, WEIGHTS AND MEASURES.

Received from Sealer of Weights and Measures . . . . .	\$ 490 10
--	-----------

CONTRA.

Warrants paid and returned to Dec. 31, 1895 . . . . .	\$ 471 70	
Balance in fund Dec. 31, 1895 . . . . .	18 40	
	-----	\$ 490 10

WARRANTS DRAWN.

Salary Sealer of Weights and Measures . . . . .	\$ 490 10	
Warrants paid and returned to Dec. 31, 1895 . . . . .	\$ 471 70	
Warrants outstanding Dec. 31, 1894 . . . . .	18 40	
	-----	\$ 490 10

BOILER INSPECTOR'S FUND.

Received from Boiler Inspector . . . . .	\$ 1,992 95
--	-------------

CONTRA.

Warrants paid and returned to Dec. 31, 1895 . . . . .	\$ 1,729 00	
Balance in fund Dec. 31, 1895 . . . . .	263 95	
	-----	\$ 1,992 95

WARRANTS DRAWN.

Salary Boiler Inspector . . . . .	\$ 1,125 00	
Salary Deputy Boiler Inspector . . . . .	822 00	
	-----	\$ 1,947 00
Warrants paid and returned to Dec. 31, 1895 . . . . .	\$ 1,729 00	
Warrants outstanding Dec. 31, 1895 . . . . .	218 00	
	-----	\$ 1,947 00

STREET IMPROVEMENT FUNDS.

Total balances in funds Dec. 31, 1894 . . . . .	\$ 8,548 59	
Received from collections . . . . .	31,344 50	
Received by transfer from General fund . . . . .	1,747 84	
	-----	\$ 41,640 93

CONTRA.

Total expenditure for street improvements . . . . .	\$ 34,763 82	
Transferred to General fund . . . . .	1,988 17	
Total balances in funds Dec. 31, 1895 . . . . .	4,888 94	
	-----	\$ 41,640 93

## SEWER FUND.

Total balance in funds Dec. 31, 1894 . . . . .	\$ 2,662 10	
Received from collections . . . . .	40,006 82	
Received by transfer from General fund . . . . .	1,744 75	
		44,413 67

## CONTRA.

Total expenditures for sewers . . . . .	\$ 41,741 76	
Transferred to General fund . . . . .	904 26	
Total balances in funds Dec. 31, 1895 . . . . .	1,767 65	
		\$ 44,413 67

## STREET EXTENSION FUNDS.

Total balances in funds Dec. 31, 1894 . . . . .	\$ 3,091 40	
Received from collections . . . . .	921 27	
		\$ 4,012 67

## CONTRA.

Total expenditures for Street extensions . . . . .	\$ 1,224 16	
Transferred to General fund . . . . .	45 00	
Total balances in funds Dec. 31, 1895 . . . . .	2,743 51	
		\$ 4,012 67

## STREET AND SEWER INTEREST FUND.

Balance in fund Dec. 31, 1894 . . . . .	\$ 1,729 07	
Received from collections . . . . .	2,356 10	
		\$ 4,085 17

## CONTRA.

Warrants paid and returned to Dec. 31, 1895 . . . . .	\$ 986 09	
Interest on warrants paid by Treasurer . . . . .	1,195 94	
Balance in fund Dec. 31, 1895 . . . . .	1,903 14	
		\$ 4,085 17

## WARRANTS DRAWN.

Interest on Street and Sewer warrants . . . . .	\$ 971 14	
Warrants outstanding Dec. 31, 1894 . . . . .	14 95	
		\$ 986 09
Warrants paid and returned to Dec. 31, 1895 . . . . .	\$ 986 09	

## SUMMARY OF BALANCES IN TREASURY.

General fund . . . . .	\$ 45,237	19
Fire Department fund . . . . .		51
Police Department fund . . . . .		01
Street Cleaning and Sprinkling fund . . . . .	899	72
East Portland Water fund . . . . .	16	35
East Side Water Expense fund . . . . .	91	70
Willamette River fund . . . . .	8	71
Lamp fund . . . . .	14	08
Interest fund, Bonded indebtedness . . . . .	18,608	84
Fire Badge Redemption fund . . . . .	76	00
Boulevard fund . . . . .	217	77
Water Bonds, Interest fund . . . . .	72,550	00
Litigation fund . . . . .	40	65
Scaler Weights and Measures fund . . . . .	18	40
Boiler Inspector's fund . . . . .	263	95
Street Improvement funds . . . . .	4,888	94
Sewer funds . . . . .	1,767	65
Street Extension funds . . . . .	2,743	51
Improvement Bonds, Interest fund . . . . .	607	11
East Alder Street Sewer, Interest fund . . . . .	155	06
Street and Sewer Interest fund . . . . .	1,903	14
Bridge and Ferry Bonds, Interest fund . . . . .	13,906	25

*Improvement Fund :*

Deposited with Security S. & T. Co. . . . .	\$7,017	39
Cash in Treasury . . . . .	06	7,017 45
		----- \$171,032 99

## SUMMARY OF RECEIPTS AND DISBURSEMENTS.

## RECEIPTS.

Total balances in Treasury Dec. 31, 1894 . . . . .	\$119,769 69	
From Water Committee acct. Int'est on water bonds . . . . .	140,000 00	
Street improvement assessments . . . . .	31,344 50	
Sewer assessments . . . . .	40,006 82	
Street extension assessments . . . . .	921 27	
All other sources . . . . .	604,364 40	
	-----	\$936,406 68

## DISBURSEMENTS.

Interest on water bonds . . . . .	\$133,725 00	
For Street improvements . . . . .	34,763 82	
Sewers . . . . .	41,741 76	
Street extensions . . . . .	1,224 16	
All other purposes . . . . .	553,918 95	
	-----	
Total expenditures . . . . .	\$765,373 69	
Total balances . . . . .	171,032 99	
	-----	\$936,406 68

SUMMARY OF WARRANT ACCOUNT.

EXCEPT STREET IMPROVEMENT, STREET EXTENSION  
AND SEWER WARRANTS.

Warrants outstanding Dec. 31, 1894 . . . . .	\$110,972 62	
Warrants drawn General fund . . . . .	186,965 60	
"    Fire Department fund . . . . .	99,584 07	
"    Police Department fund . . . . .	86,318 33	
"    Street Cleaning & Sprinkling fund . . . . .	47,370 80	
"    East Side Water Expense fund . . . . .	2,159 17	
"    Willamette River fund . . . . .	56 25	
"    Lamp fund . . . . .	81,098 71	
"    Interest fund, bonded indebtedness . . . . .	582 35	
"    Bridge and Ferry Bonds, int. fund . . . . .	45 78	
"    Fund Sealing Weights and Meas's . . . . .	490 10	
"    Boiler Inspector's Fund . . . . .	1,947 00	
Street and sewer interest fund . . . . .	971 14	
		----- \$618,561 92

*Warrants paid and returned to Dec. 31, 1895 :*

General fund . . . . .	\$158,111 02	
Fire Department fund . . . . .	105,641 35	
Police Department fund . . . . .	93,813 21	
Street Cleaning and Sprinkling fund . . . . .	47,477 83	
East Portland Water fund . . . . .	50	
East Side Water Expense fund . . . . .	2,186 17	
Willamette River fund . . . . .	56 25	
Lamp fund . . . . .	56,564 10	
Interest fund, Bonded indebtedness . . . . .	582 35	
Bridge and Ferry Bonds, Interest fund . . . . .	45 78	
Fund Sealing Weights and Measures . . . . .	471 70	
Boiler Inspector's fund . . . . .	1,729 00	
Street and Sewer Interest fund . . . . .	986 09	
Total warrants outstanding Dec. 31, 1895 . . . . .	150,871 57	
Warrants canceled . . . . .	25 00	
		----- \$618,561 92

BONDED INDEBTEDNESS, CITY OF PORTLAND, JANUARY 1ST, 1896.  
CITY OF PORTLAND.

Kind.	Amount.	Date.	Time.	Interest.	Object.
General	\$ 56,500 00	May 1, 1891	10 years	6 per cent.	To redeem outstanding bonds

FORMER CITY OF ALBINA.

Kind.	Amount.	Date.	Time.	Interest.	Object.
General	\$ 10,000 00	Aug. 1, 1890	20 years	6 per cent.	For municipal expenses
General	40,000 00	June 1, 1891	30 years	6 per cent.	For municipal expenses
Roulevard	50,000 00	June 1, 1891	30 years	6 per cent.	For boulevards and roadways
Park	50,000 00	June 1, 1891	30 years	6 per cent.	For purchase and improvement of parks

FORMER CITY OF EAST PORTLAND.

Kind	Amount.	Date.	Time.	Interest.	Object.
Water	\$ 250,000 00	May 1, 1891	30 years	6 per cent.	For water system
Electric Light	50,000 00	May 1, 1891	30 years	6 per cent.	For electric light plant

CITY HALL BONDS.

Kind.	Amount.	Date.	Time.	Interest.	Object.
First Series	\$ 175,000 00	Jan. 1, 1890	30 years	5 per cent.	Purchase of site for City Hall
Second Series	500,000 00	Jan. 1, 1893	30 years	5 per cent.	Construction of City Hall

WATER BONDS.

AMOUNT AUTHORIZED \$3,200,000.00.

Kind.	Amount.	Date.	Time.	Interest.	Object.
First Series . . .	\$ 700,000 00	Jan. 1, 1887	30 years	5 per cent.	Purchase of Water Works . . . . .
Second Series . . .	2,220,000 00	July 1, 1893	30 years	5 per cent.	Bull Run pipe line . . . . .

BRIDGE BONDS.

Kind.	Amount.	Date.	Time.	Interest.	Object.
First Series . . .	\$ 500,000 00	Jan. 1, 1892	30 years	5 per cent.	Purchase and construction of free bridges . . . . .
Second Series . . .	200,000 00	April 1, 1895	30 years	5 per cent.	Purchase of bridge . . . . .

FERRY BONDS.

Kind.	Amount.	Date.	Time.	Interest.	Object.
. . . . .	\$ 50,000 00	April 1, 1893	30 years	5 per cent.	Free ferry . . . . .

IMPROVEMENT BONDS.

Kind.	Amount.	Date.	Time.	Interest.	Object.
. . . . .	\$ 28,118 49	July 1, 1895	10 years	6 per cent.	Construction of sewer . . . . .
. . . . .	721 23	Sept. 2, 1895	10 years	6 per cent.	Improvement of sts. and construction of sewers . . . . .
. . . . .	3,130 19	Dec. 1, 1895	10 years	6 per cent.	Improvement of sts. and construction of sewers . . . . .



DEMANDS AUDITED AND INTEREST PAID DURING THE  
YEAR ENDING DECEMBER 31, 1895, FROM FUNDS  
DERIVED FROM GENERAL TAXATION.

GENERAL FUND.

*Mayor and Common Council:*

Salary of Mayor . . . . .	\$	5,000 00
Stationery for Mayor's office . . . . .		25 80
Salary of Councilmen . . . . .		11,000 00
	-----	\$ 16,025 80

*Auditor's Department:*

Salary of Auditor . . . . .	\$	2,400 00
Salary of chief deputy and bookkeeper . . . . .		1,680 00
Salary of assessment and license deputies . . . . .		3,000 00
Salary of clerks . . . . .		4,275 00
Typewriting and recording . . . . .		353 55
Postage stamps . . . . .		82 25
Stationery . . . . .		196 60
Blanks and blank books . . . . .		770 20
Miscellaneous . . . . .		42 10
	-----	\$ 12,799 70

*Treasurer's Department:*

Salary of Treasurer . . . . .	\$	3,000 00
Salary of deputy . . . . .		1,500 00
Stationery . . . . .		30 00
Blanks and blank books . . . . .		60 85
	-----	\$ 4,590 85

*City Attorney's Department:*

Salary of City Attorney . . . . .	\$	3,000 00
Salary of deputies . . . . .		2,700 00
Judgments and costs of litigation . . . . .		32,283 59
Blanks, blank books and printing briefs . . . . .		90 75
	-----	\$ 38,074 34
<i>Amount carried forward</i> . . . . .		\$ 71,490 69

AUDITOR'S REPORT.

*Amount brought forward* . . . . . \$ 71,490 69

*Surveyor's Department :*

Salary of Surveyor . . . . .	\$ 2,400 00	
Salary of draughtsman . . . . .	1,200 00	
Salary of clerk . . . . .	1,200 00	
Salary of assistant surveyor's . . . . .	3,250 00	
Salary of rodmen, axemen and chain bearers . . . . .	5,135 00	
Stationery . . . . .	177 50	
Blanks and blank books . . . . .	24 00	
Street monuments . . . . .	85 25	
Transit and level and express charges on same . . . . .	293 60	
Miscellaneous . . . . .	109 23	
	-----	\$ 13,874 58

*Superintendent of Streets Department :*

Salary of Superintendent of Streets . . . . .	\$ 2,400 00	
Salary of deputies . . . . .	7,200 00	
Salary of draughtsman . . . . .	1,200 00	
Salary of street repairer . . . . .	1,080 00	
Horse shoeing, repairs to wagon, harness, etc. . . . .	268 75	
Labor repairing streets and bridges . . . . .	8,978 51	
Material for repairing streets and bridges . . . . .	5,212 30	
Labor repairing sewers . . . . .	3,445 54	
Material for repairing sewers . . . . .	588 16	
Inspectors on street work . . . . .	304 50	
Inspectors on sewers . . . . .	579 00	
Stationery . . . . .	97 59	
Blanks and blank books . . . . .	54 40	
Miscellaneous . . . . .	80 00	
	-----	\$ 31,488 75

*Municipal Court :*

Salary of Municipal Judge . . . . .	\$ 3,000 00	
Salary of clerk . . . . .	1,500 00	
Interpreter . . . . .	100 70	
Stationery . . . . .	8 89	
Blanks and blank books . . . . .	64 23	
	-----	\$ 4,673 82

*Inspector of Plumbing and Drainage Department :*

Salary of Inspector . . . . .	\$ 1,200 00	
Salary of deputy . . . . .	1,080 00	
<i>Amounts carried forward</i> . . . . .	\$ 2,280 00	\$121,527 84

<i>Amounts brought forward</i> . . . . .	\$ 2,280 00	\$121,527 84
Examining board . . . . .	76 00	
Notary fees . . . . .	19 50	
Stationery . . . . .	13 20	
Blanks and blank books . . . . .	15 50	
Miscellaneous . . . . .	112 15	
	-----	\$ 2,516 35

*Pound Department :*

Salary of Pound Master . . . . .	\$ 1,080 00	
Salary of deputies . . . . .	900 00	
Salary of assistants . . . . .	899 00	
Dog tags . . . . .	101 25	
Feed for impounded animals . . . . .	884 20	
Stationery . . . . .	3 95	
Blanks . . . . .	5 00	
Miscellaneous . . . . .	504 01	
	-----	\$ 4,377 41

*Working Prisoners :*

Salary of driver . . . . .	\$ 552 10	
Expense of wagon, team hire, tools, etc . . . . .	189 63	
	-----	\$ 741 73

*Health Department :*

Salary of City Physician . . . . .	\$ 1,800 00	
Blanks . . . . .	24 00	
	-----	\$ 1,824 00

*Crematory :*

Repairs to crematory . . . . .	\$ 2,327 44	
Transporting garbage and operating crematory . . . . .	6,000 00	
Salary of officer at dump . . . . .	1,122 00	
Removing dead animals . . . . .	870 50	
Rent of dock . . . . .	600 00	
Rent of dumping ground . . . . .	500 00	
Covering garbage . . . . .	625 00	
Horse, wagon and harness . . . . .	215 25	
Horse shoeing and repairs to wagon and harness . . . . .	47 40	
Cartage . . . . .	13 00	
	-----	\$ 12,320 59
<i>Amount carried forward</i> . . . . .		\$143,307 92

*Amount brought forward* . . . . . \$143,307 92

*Harbor Police :*

Salary of Harbor Police . . . . .	\$ 1,200 00	
Stationery and postage . . . . .	16 30	
Blanks and blank books . . . . .	40 75	
Purchase of boat and fixtures . . . . .	100 65	
Labor and mat'l, cleaning water front under bridges	85 36	
Care of boat . . . . .	8 00	
	-----	\$ 1,451 06

*Improvement of Streets :*

Improvement of streets in front of public property . . . . . \$ 80 82

*City Park and Park Blocks :*

Salary of Park-keeper . . . . .	\$ 1,200 00	
Salary of engineer . . . . .	675 00	
Laborers . . . . .	10,111 37	
Feed for animals . . . . .	1,436 91	
Material, tools, etc . . . . .	1,679 78	
Plumbing . . . . .	117 36	
Water for park blocks and fountains . . . . .	65 55	
Repairs to fountains . . . . .	27 35	
Grass seed . . . . .	73 45	
Horse shoeing, repairs to tools, etc. . . . .	148 25	
Wood . . . . .	340 00	
Trees . . . . .	42 80	
Purchase of animals . . . . .	15 90	
Purchase of two horses . . . . .	300 00	
Painting posts and chains around plaza blocks . . . . .	51 55	
Veterinary services . . . . .	10 50	
Drugs and medicines . . . . .	31 48	
Oil . . . . .	3 25	
Horse and carriage hire . . . . .	7 00	
Telephone service . . . . .	48 40	
Cutting grass . . . . .	45 00	
Purchase of hose . . . . .	138 42	
Express charges . . . . .	1 30	
Miscellaneous . . . . .	45 85	
	-----	\$ 16,616 47

*Amount carried forward* . . . . . \$161,456 27

Amount brought forward . . . . . \$161,456 27

*Sealer of Weights and Measures :*

Polishing measures . . . . .	1 50	
Blanks and blank books . . . . .	14 75	
Harness . . . . .	34 75	
	-----	\$ 51 00

*Boiler Inspector :*

Stationery and postage stamps . . . . .	\$ 72 65	
Blanks and blank books . . . . .	72 95	
Instruments . . . . .	211 80	
Repairs to wagon, horse shoeing, etc. . . . .	63 74	
Typewriting . . . . .	10 00	
Miscellaneous . . . . .	7 60	
	-----	\$ 438 74

*Expense of City Hall :*

Rent . . . . .	\$ 325 00	
Salary Superintendent, watchmen and janitors . . . . .	3,184 58	
Heat, light and elevator . . . . .	5,075 68	
Repairs to furniture . . . . .	356 52	
New furniture and carpets . . . . .	961 88	
Insurance . . . . .	523 00	
Safe for Treasurer's office . . . . .	750 00	
Miscellaneous expenses . . . . .	1,098 95	
	-----	\$ 12,275 61

*Mayor's Message and Municipal Reports :*

Printing Mayor's message and reports . . . . .	\$ 492 45	
Maps for reports . . . . .	200 00	
	-----	\$ 692 45

*Miscellaneous Expenses :*

Advertising . . . . .	\$ 3,231 59	
Relief of certain persons . . . . .	1,583 95	
Pay of viewers on street extensions . . . . .	832 00	
Purchase of property . . . . .	349 79	
Construction of East side light plant . . . . .	3,742 00	
Printing codified ordinances . . . . .	858 60	

Amounts carried forward . . . . . \$ 10,597 93 \$174,914 07

AUDITOR'S REPORT.

<i>Amounts brought forward</i> . . . . .	\$ 10,597 93	\$174,914 07
Expense of returning prisoners . . . . .	500 00	
Clerk hire, Chief of Police . . . . .	321 12	
Assistant license inspector . . . . .	75 00	
Miscellaneous . . . . .	557 48	
	-----	\$ 12,051 53
Total claims paid by warrants on General fund..		\$186,965 60
Interest paid on warrants . . . . .		1,088 47
Total . . . . .		\$188,054 07

FIRE DEPARTMENT FUND.

General expenses of Fire Department . . . . .	\$ 99,584 07
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POLICE DEPARTMENT FUND.

General expenses of Police Department . . . . .	\$ 86,318 33
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STREET CLEANING AND SPRINKLING FUND.

Pay of Superintendent and laborers . . . . .	\$ 31,377 67	
Lighting city barn . . . . .	381 50	
New plant . . . . .	210 11	
Horse shoeing . . . . .	640 50	
Repairs . . . . .	2,869 60	
Harness and repairs to same . . . . .	341 70	
Purchase of horses . . . . .	1,565 00	
Hay . . . . .	1,897 90	
Oats . . . . .	1,994 87	
Hardware . . . . .	121 03	
Sprinkling streets . . . . .	4,233 88	
Miscellaneous . . . . .	1,737 04	
	-----	\$ 47,370 80

WILLAMETTE RIVER FUND.

Insurance . . . . .	\$ 56 25
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LAMP FUND.

Lighting streets of the City of Portland . . . . .	\$ 81,098 71
<i>Amount carried forward</i> . . . . .	\$502,482 23

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*Amount brought forward* . . . . . \$502,482 23

## INTEREST FUND—BONDED INDEBTEDNESS.

Interest, bonded indebtedness, Portland . . . . .	\$ 37,140 00
“ “ “ East Portland . . . . .	18,210 00
“ “ “ Albina . . . . .	5,310 00
“ “ “ Ferry bonds . . . . .	1,250 00
Interest paid on warrants . . . . .	3,972 21
New York exchange . . . . .	82 35
Reimbursement of Bridge Com. for int. paid on bonds . . . . .	500 00
	----- \$ 66,464 56
Total . . . . .	\$568,946 79

## SUMMARY.

General fund . . . . .	\$188,054 07
Fire Department fund . . . . .	99,584 07
Police Department fund . . . . .	86,318 33
Street Cleaning and Sprinkling fund . . . . .	47,370 80
Willamette River fund . . . . .	56 25
Lamp fund . . . . .	81,098 71
Interest fund, Bonded indebtedness . . . . .	66,464 56
	----- \$568,946 79

DEMANDS AUDITED AND INTEREST PAID DURING THE  
YEAR ENDING DECEMBER 31, 1895, FROM FUNDS  
NOT DERIVED FROM GENERAL TAXATION.

EAST SIDE WATER EXPENSE FUND.

Labor . . . . .	\$ 1,462 50	
Material . . . . .	28 52	
Wood . . . . .	257 50	
Stationery . . . . .	19 15	
Miscellaneous . . . . .	391 50	
	<u>          </u>	\$ 2,159 17

FIRE BADGE REDEMPTION FUND.

Redemption of Fire Badges . . . . .	\$	1 00
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BRIDGE AND FERRY BONDS--INTEREST FUND.

Interest coupons paid and returned . . . . .	\$ 13,625 00	
New York exchange . . . . .	45 78	
	<u>          </u>	\$ 13,670 78

SEALING WEIGHTS AND MEASURES FUND.

Salary of Sealer of Weights and Measures . . . . .	\$	491 10
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BOILER INSPECTOR'S FUND.

Salary of Boiler Inspector . . . . .	\$ 1,125 00	
Salary of deputy . . . . .	822 00	
	<u>          </u>	\$ 1,947 00

STREET AND SEWER INTEREST FUND.

Interest on street and sewer warrants . . . . .	\$	2,167 08
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EAST ALDER STREET SEWER--INTEREST FUND.

Interest paid on warrants . . . . .	\$	3,786 00
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WATER BONDS--INTEREST FUND.

Interest coupons paid and returned . . . . .	\$133,725 00	
Total . . . . .	<u>          </u>	\$157,947 13



## SUMMARY.

East side water expense fund . . . . .	\$ 2,159 17
Fire badge redemption fund . . . . .	1 00
Bridge and ferry bonds, interest fund . . . . .	13,670 78
Sealing weights and measures fund . . . . .	490 10
Boiler inspector's fund . . . . .	1,947 00
Street and sewer interest fund . . . . .	2,167 08
East Alder street sewer interest fund . . . . .	3,786 00
Water bonds, interest fund . . . . .	133,725 00
	----- \$157,946 13

Respectfully submitted,

A. N. GAMBELL,

*Auditor.*

PORTLAND, OREGON, December 31, 1895.

APPENDIX TO AUDITOR'S REPORT.

The following tabulated statement shows the condition of each Street Improvement, Sewer and Street Extension Fund at the close of the fiscal year, ending December 31, 1895 :

	STREET IMPROVEMENT FUNDS.				Bal. in Fund Dec. 31, 1895	Warrants Outstanding
	Bal. in Fund Dec. 31, 1894	Receipts	Expenditures	\$		
Hood street . . . . .	\$ 14 64	\$ . . . .	\$ . . . .	\$ 14 64	\$ 14 64	
Taylor street, 10th to 14th . . . . .	1 41	. . . .	. . . .	1 41	160 26	
North 18th st., M st. to Sherlock's add. . . . .	27 67	. . . .	. . . .	27 67	199 40	
Twelfth street, B to Montgomery . . . . .	. . . .	141 89	141 89	. . . .	. . . .	
Chapman street, Jefferson to Taylor . . . . .	35 05	. . . .	. . . .	35 05	1052 91	
South Front street, Gaines to First ave . . . . .	18 55	. . . .	. . . .	18 55	88 14	
North Fourteenth, B to C . . . . .	55 40	. . . .	. . . .	55 40	55 40	
R street, N 18th to N. Front . . . . .	186 75	. . . .	. . . .	186 75	. . . .	
South Second street, Sheridan to Gibbs . . . . .	98 59	203 26	300 00	1 85	660 27	
Whitaker st., S. Front to Multnomah . . . . .	12 46	46 28	58 74	. . . .	. . . .	
South Front street, Porter to First ave . . . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
Kelly st., 100 ft. N. of Grover to 50 ft. N. of Abermethy . . . . .	11 40	31 27	42 67	. . . .	. . . .	
2d and S. 2d st., Montgomery to Sheridan . . . . .	189 99	2878 58	3068 57	. . . .	. . . .	
(11fton street, 13th to 15th . . . . .	79 00	. . . .	. . . .	79 00	100 00	
Caruthers street, Hood to S. 6th . . . . .	254 21	391 03	645 24	. . . .	. . . .	

## STREET IMPROVEMENT FUNDS—Continued.

	Bal. in Fund Dec. 31, 1894	Receipts	Expenditures	Bal. in Fund Dec. 31, 1895	Warrants Outstanding
Hood street, Marquam Gulch to Grover . . . . .					529 55
Thirteenth street, College to Hawthorne . . . . .	278 26		253 26	25 00	1155 58
Fifth street, Stephens to Adams . . . . .	34 60			34 60	6 51
Williams ave., Grant to Going . . . . .	279 33		279 33		2500 00
H street, E. to west end . . . . .		121 50	9 05	112 45	112 45
M street, 4th to 12th . . . . .	43 16			43 16	68 37
Clinton street, 12th to 21st . . . . .	62 73	19 51	19 51	62 73	785 28
Fifth street, C to I . . . . .					65 34
G street, east to west end . . . . .		174 11	152 91	21 20	25 82
Clay street, 4th to east line of city . . . . .	4 80			4 80	3 91
Fifth street, K to Ellsworth . . . . .	492 81½	2592 30	2387 64	207 47	609 74
Myrtle street, 13th to 19th . . . . .	50 90			50 90	55 00
Thirteenth street, D to J . . . . .	4 06				
Elliot street, Helm to Williams . . . . .	91 62	168 43	172 49		
North 16th street, G to bridge, bet. M and N . . . . .	13 19			91 62	83 00
Washington street, 2d to B . . . . .	58 84			13 19	13 19
C street, 2d to Cherry . . . . .	49 83	180 43	230 26		
Third street, north line city to Maple . . . . .	84 79		84 79		
North 22d street, J to P . . . . .	108 58	31 97	27 14	113 41	99 66
H street, N. 22d to N. 23d . . . . .	24 75	18 89		43 64	
Alder street, 5th to 15th . . . . .	65 48		65 48		
North 23rd street, F to J . . . . .	45 54			45 54	
Missouri ave., Multnomah to Grant . . . . .	28 00	22 85	20 85	30 00	
G street, 3d to north West Park . . . . .	13 74	23 94	23 94	13 74	80 14
Multnomah street, Grover to Curry . . . . .	9 10			9 10	961 44

STREET IMPROVEMENT FUNDS--Continued.

	Bal. in Fund Dec. 31, 1894	Receipts	Expenditures	Bal. in Fund Dec. 31, 1895	Warrants Outstanding
South First st., 3rd to 4th ave. . . . .					11 45
Third street, Main to Glisan . . . . .	43 37	281 03	324 40		
North 18th street, M to F . . . . .	15 77	56 96	72 73		
E. Glisan street, E. 9th to E. 12th . . . . .	6 00			6 00	43 89
E. Sacramento st., E. 9th to Union ave. . . . .	94 95	43 30	138 25		
E. 8th st., Flanders to Riverside Hom'd . . . . .	302 53			302 53	2498 10
N. 16th street, Holladay to Belmont . . . . .	45 73			45 73	14 76
E. 12th street, Hancock to Thompson . . . . .	8 51	65		9 16	1 06
Mississippi ave., Russell to Skidmore . . . . .	55 71	120 48	176 19		
Seventh street, Glisan to Johnson . . . . .	202 45		202 45		
Weidler st., Carter's addition to Wheeler st. . . . .	137 57		83 56	54 01	94
Shaver street, Maryland to Williams . . . . .	34 04			34 04	4 20
Montana ave., Fremont to Multnomah . . . . .	312 58	72 85		385 43	526 62
East 20th st., Hawthorne to E. Stark . . . . .	144 30		125 44	18 86	1613 35
Hawthorne ave., E. Water to Stephens D. L. C. . . . .	82 00	90 30	75 30	97 00	
Northrup st., 150 ft. w. of 16th to 21st . . . . .	36 81		36 81		
Union ave., Broadway to Schuyler . . . . .	85 34	163 91	194 85	54 40	51 65
Kearney street, 21st to 24th . . . . .	34 70	840 61	875 31		
E. Stark st., E. 16th to E. 20th . . . . .	6 25	81 25	87 50		
A st., blk 1, J. Irving's add. to Tillamook . . . . .	50	46 37	15 91	30 96	29 96
E. Oak st., E. Water to 50 ft. east of E. 2d . . . . .	1 85			1 85	38 16
E. 8th st., Ainsworth to Dekum . . . . .	297 39		282 14	15 25	27 64
Union ave., Morris to Prescott . . . . .	647 59	93 52	93 27	647 84	2688 00
Spokane ave., Willamette ave. to 9th st. . . . .	64 15			64 15	

## STREET IMPROVEMENT FUNDS—Continued.

	Bal. in Fund Dec. 31, 1894	Receipts	Expenditures	Bal. in Fund Dec. 31, 1895	Warrants Outstanding
Fifth st. N. to S. line Sellwood . . . . .	47 08	. . . . .	. . . . .	47 08	33 67
Umatilla ave., E. line Sellwood to river . . . . .	361 23	. . . . .	. . . . .	361 23	537 48
Sixth st., N. to S. line Sellwood . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	85 24
Ninth st., Clackamas to north line city . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	66 88
Tacoma ave., Willamette ave. to east line Sellwood . . . . .	93 97	6 03	100 00	. . . . .	1109 29
Fourth st., N. to S. line Sellwood . . . . .	51 02	. . . . .	. . . . .	51 02	117 75
Morrison street, Front to Chapman . . . . .	. . . . .	1219 23	1219 23	. . . . .	24259 56
Shaver st., Williams ave. to Union ave. . . . .	14 50	. . . . .	. . . . .	14 50	138 66
East 17th st., E. Morrison to E. Stark . . . . .	5 25	80 00	73 25	12 00	. . . . .
Cleveland ave . . . . .	3 75	. . . . .	. . . . .	3 75	15 07
E. Harrison st., E. 11th to E. 3d . . . . .	11 62	35 31	2 68	44 25	2 82
Twenty-fourth st., Gilsan to Savier . . . . .	45 75	22 38	. . . . .	68 13	165 44
Willamette st., 12th to Sandy Road . . . . .	7 25½	257 84	256 84	8 25½	1365 46
Vancouver ave., Russell to Morris . . . . .	16 25	. . . . .	. . . . .	16 25	14 86
Nebraska st., Bond to Wisconsin . . . . .	10 47	38 02	37 27	11 22	26 43
Sixth st., Morrison to Hoyt . . . . .	52 83	1283 59	1300 00	36 42	11105 38
Cable st., Mill to Terrace Road . . . . .	4 00	. . . . .	. . . . .	4 00	1196 38
Portsmouth ave., Dawson to Willamette . . . . .	24 99	15 06	14 56	25 49	64
Northrup st., 9th to 12th . . . . .	6 75	200 20	206 95	. . . . .	. . . . .
Beacon st., Milwaukie to E. 8th . . . . .	10 25	234 78	233 78	11 25	299 83
Hawthorne Terrace, 16th to city bound'y . . . . .	3 25	28 47	31 72	. . . . .	. . . . .
Powell st., Milwaukie to E. 21st . . . . .	52 34	. . . . .	25 00	. . . . .	106 83
Milwaukie and E. 11th streets . . . . .	269 66	. . . . .	172 53	97 13	11 27
Minnesota ave., Beech to Prescott . . . . .	103 62	. . . . .	103 62	. . . . .	. . . . .

STREET IMPROVEMENT FUNDS—Continued.

	Bal. in Fund Dec. 31, 1894	Receipts	Expenditures	Bal. in Fund Dec. 31, 1895	Warrants Outstanding
E. Burnside street, Grand ave to east line					
Sullivan's D. L. C . . . . .	503 44	118 04	590 98	30 50	59 44
Mallory ave., Beech to Mason . . . . .	11 50	. . . . .	. . . . .	11 50	17 84
E. Stark st., E. Water to E. 16th . . . . .	32 26	332 55	331 05	33 76	522 34
Elm street, 16th to Chapman . . . . .	2 25	. . . . .	. . . . .	2 25	321 95
Hoyt street, 4th to 5th . . . . .	2 50	. . . . .	. . . . .	2 50	162 10
E. 9th street, Multnomah to Tillamook . . . . .	11 92	20 49	19 72	12 69	97 07
Water and Hood streets . . . . .	17 75	42 25	. . . . .	60 00	289 50
Madrona street, Durham to Farrell . . . . .	17 13	3 26	2 76	17 63	111 55
Tenino ave. . . . .	3 80	. . . . .	. . . . .	3 80	. . . . .
Fremont st., Willamette Boul'd to Mitchell . . . . .	130 75	207 86	126 65	211 96	207 21
Narilla street, Madison to Main . . . . .	2 80	. . . . .	2 80	. . . . .	. . . . .
Borthwick street, Beech to Shaver . . . . .	4 50	. . . . .	4 50	. . . . .	. . . . .
Grand ave., E. Clay to E. Stark . . . . .	445 66	3845 57	4231 97	59 26	191 35
19th street, Thurman to Sherlock . . . . .	75	299 55	298 30	2 00	1246 56
Union ave., E. Burnside to E. Oak . . . . .	609 26	279 40	888 66	. . . . .	. . . . .
E. street, E. 2nd to E. 16th . . . . .	5 04	. . . . .	5 04	. . . . .	. . . . .
E. 2nd st., E. Oak to E. Washington . . . . .	114 12	1641 02	1725 30	29 84	358 21
Front street, Madison to Lincoln . . . . .	38 00	881 32	895 92	23 40	16 49
Water street . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	86 32
Corbett street, Bancroft to Hamilton . . . . .	. . . . .	49 36	47 46	1 90	868 10
Overton street . . . . .	. . . . .	311 00	311 00	. . . . .	. . . . .
North 20th street . . . . .	. . . . .	55	55	. . . . .	. . . . .
Imp. 3d street, Main to Columbia . . . . .	. . . . .	409 67	403 17	6 50	56 40
Columbia st., First to 200 ft. E. of Front . . . . .	. . . . .	223 02	221 52	1 50	145 00

## STREET IMPROVEMENT FUNDS—Continued.

	Bal. in Fund Dec. 31, 1894	Receipts	Expenditures	Bal. in Fund Dec. 31, 1895	Warrants Outstanding
South half Fremont street . . . . .		51 09	51 09		
Grand ave., E. Burnside to E. Stark . . . . .		3742 38	3730 14	12 24	386 48
Union ave., Russell to Weidler . . . . .		4224 10	3940 21	283 89	264 33
Eighth st., Jefferson to Jackson . . . . .		22 18	22 18		
E. 16th street, Holladay to Hawthorne . . . . .		1 80	1 80		
N. 21st street, J to Springville road . . . . .		40 76	40 76		
Marshall st., 16th to 22nd . . . . .		1896 45	1890 47	5 98	851 61
S. half Hamilton ave., Corbett to Macadam . . . . .		243 30	241 05	2 25	13 60
E. 15th street, D to J . . . . .		10 11	10 11		
Clinton st., E. 21st to E. 36th . . . . .		1086 59	1063 30	23 29	230 78
Gantenbein ave., Morris to Ivy . . . . .		445 93	415 75	30 18	384 24
Kelly street, Hamilton to Seymour . . . . .		542 54	540 54	2 00	608 40
South half Johnson st., 6th to 7th . . . . .					1110 60
West half 6th st., Irving to Johnson . . . . .					1582 67
Commercial st., Shaver to Russell . . . . .		140 90	93 10	47 80	55 69
Madison st., Chapman to Stout . . . . .		20 92		20 92	273 31
	<u>\$8548 59</u>	<u>\$33,092 34</u>	<u>\$36,751 99</u>	<u>\$ 4888 94</u>	<u>\$68,248 21</u>

AUDITOR'S REPORT.

SFAWER FUNDS.

	Bal. in Fund Dec. 31, 1894	Receipts	Expenditures	Bal. in Fund Dec. 31, 1895	Warrants Outstanding
P st., 360 ft. w. of No. 19th to N. 8th . . . .	276 30	. . . .	34 57	241 73	182 05
Q st., N. 20th to Willamette River . . . .	257 24	. . . .	127 16	130 08	46 93
Mitchell st., 70 ft. s. of Morris to Russell . .	31 96	. . . .	31 96	. . . .	. . . .
Marquam Gulch . . . . .	22 35	6 70	22 35	6 70	182 65
Portland Heights . . . . .	476 70	303 28	777 98	. . . .	7426 15
E. Oak, et. al. streets . . . . .	5 43	517 97	523 40	. . . .	491 90
Pennoyer st., First to Thomas Creek . . . .	18 11	. . . .	. . . .	18 11	18 11
Williams ave., et. al. streets . . . . .	126 29	. . . .	31 69	94 60	94 60
Whitaker st., 100 feet east of Kelly to Thomas Creek . . . . .	1 05	. . . .	. . . .	1 05	92 00
Grand ave., E. Market to F. Alder . . . .	158 79	118 40	279 19	. . . .	. . . .
E. Alder et. al. streets . . . . .	977 61	28091 41	28596 32	472 70	4482 97
Albina ave., 25 ft. n. of Page to Russell . .	21 69	. . . .	21 69	. . . .	2 44
E. 9th street, Broadway to Holladay . . . .	8 75	28 75	37 50	. . . .	. . . .
E. First et. al. streets . . . . .	35 95	17 50	53 45	. . . .	. . . .
Wood street Gulch . . . . .	78 44	378 94	457 38	. . . .	62 74
E. 12th st., Division to Hawthorne . . . .	21 01	49 90	70 91	. . . .	272 69
Tanner Creek . . . . .	. . . .	106 70	106 70	. . . .	. . . .
Water st., 100 ft. S. of Whitaker to Wood . .	9 40	123 65	133 05	. . . .	. . . .
Corbett st., 75 ft. S. of Whitaker to Wood . .	12 89	30 00	25 00	17 89	100 00
Front st., 75 ft. S. of Whitaker to Wood . . .	2 10	85 68	87 78	. . . .	. . . .



## SEWER FUNDS.—Continued.

	Bal. in Fund Dec. 31, 1894	Receipts	Expenditures	Bal. in Fund Dec. 31, 1895	Warrants Outstanding
E. First st., 44 ft. N. of Hancock to Schuyler	9 50	29 75	39 25		
Pacific et. al. streets . . . . .	3 36	641 24	643 00	1 60	50 00
Tanner Creek, 14th st. to River . . . . .		90 00	90 00		
R street, 20th to 250 ft. W. of 28th . . . . .		34 00	34 00		
E. 2d st., 40 ft. N. of Weidler to Holladay . . . . .	28 80	209 60	150 00	88 40	
Stanton st., 160 ft. E. of Delay to Delay . . . . .	3 62	21 38	25 00		
E. 34th st., 100 ft. N. of Belmont to Yamhill	8 12	71 70	79 82		
E. Yamhill st., E. 34th to E. 35th . . . . .	49 80	71 70	100 00	21 50	234 70
Tanner Creek, W. Terminus S. 325 ft. . . . .	16 84	1477 58	1494 42		5 58
Harrison st., River to 10th . . . . .		9 00	9 00		
Johnson Creek Sewer . . . . .		72 90	72 90		
O street, 18th to 20th . . . . .		24 86	24 86		
E. 35th st., E. Morrison to E. Yamhill . . . . .		317 95	315 00	295 00	43 17
E. 15th st., 100 ft. N. of E. Morrison to E. Taylor . . . . .		514 45	500 00	14 45	44 99
E. Alder st., E. 9th to E. 7th . . . . .		421 20	367 08	54 12	
Union ave., 80 ft. N. of E. Stark to E. Alder . . . . .		539 20	539 20		
E. Morrison st., 80 ft. E. of E. 18th to E. 16th . . . . .		366 28	366 28		
E. Taylor st., E. 26th to E. 19th . . . . .		823 60	809 68	13 92	175 00
Crosby st., 50 ft. S. of Halsey to Holladay ave. . . . .		246 75	246 75		
Hood st., 80 ft. S. of Gibbs to Woods . . . . .		404 85	210 25	194 60	170 00
Williams ave., S. line of Page to sewer in Williams ave. . . . .		582 15	582 15		
San Rafael st., 175 ft. W. of Rodney to Williams . . . . .		187 75	187 75		

SEWER FUNDS—Continued.

	Bal. in Fund Dec. 31, 1894	Receipts	Expenditures	Bal. in Fund Dec. 31, 1895	Warrants Outstanding
Sellwood st., E. 7th to Union ave . . . . .		271 20	271 20		
E. Third st., 42 ft., N. of Hancock to Schuyler . . . . .		188 75	173 58	15 17	
E. Clay st., 80 ft. E. of Union ave. to Will. riv . . . . .		664 80	660 00	4 80	240 70
Lovejoy st., 340 ft. W. of 20th to sewer in Lov'y . . . . .		194 40	185 00	9 40	225 79
E. 7th, Hawthorne ave. and E. 9th streets . . . . .		1472 20	1380 00	92 20	434 99
Rodney ave., Hancock and E. 2nd sts . . . . .		627 74	620 00	7 74	331 49
E. 20th st., E. Washington to Belmont . . . . .		174 80	171 77	3 03	265 00
Vancouver ave., 100 ft. N. of Hanc'k to Wheeler . . . . .		389 49	275 00	114 40	369 99
Belmont st., 30 ft. W. of E. 32nd to E. 31st. . . . .		52 00	40 00	12 00	97 70
First street, 80 ft. S. of Whittaker to Grover . . . . .		195 60	180 00	15 60	190 56
Macadam st., 80 ft. S. of Gibbs to Wood st. Gulch . . . . .		324 00	320 00	4 00	89 60
Vancouver ave., 200 ft. S. of Tillamook to sewer in Vancouver ave . . . . .		73 77	65 00	8 77	20 00
E. 12th et. al. streets . . . . .		106 05		106 05	4939 45
	\$ 2662 10	\$41751 57	\$42646 02	\$ 1767 65	\$21458 94

## STREET EXTENSION FUNDS.

	Bal. in Fund Dec. 31, 1894	Receipts	Expenditures	Bal. in Fund Dec. 31, 1895	Warrants Outstanding
W. st., N. 21st to N. Front . . . . .	671 00	. . . . .	. . . . .	671 00	671 00
S. 4th st . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	300 00
Heights Terrace . . . . .	10 00	. . . . .	. . . . .	10 00	415 00
V st. . . . .	472 50	. . . . .	. . . . .	472 50	1,368 50
W st. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	250 00
S. 5th st. . . . .	10 00	. . . . .	10 00	. . . . .	. . . . .
N. 22nd st . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	1 00
Q st. . . . .	5 00	. . . . .	. . . . .	5 00	5 00
E. 11th st . . . . .	14 70	. . . . .	. . . . .	14 70	14 70
4th st. . . . .	153 75	. . . . .	. . . . .	153 75	153 75
D st. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	325 50
5th st. . . . .	5 95	. . . . .	5 95	. . . . .	. . . . .
9th st. . . . .	30 00	. . . . .	. . . . .	30 00	30 00
Vancouver ave . . . . .	97 00	. . . . .	. . . . .	97 00	97 00
Hawthorne ave . . . . .	19 40	. . . . .	. . . . .	19 40	19 40
Ellsworth st. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	70 00
Cable st. . . . .	96 70	. . . . .	. . . . .	96 70	96 70
Powell st. . . . .	36 30	. . . . .	. . . . .	36 30	36 30
E. 5th st., Stark to Clay . . . . .	54 00	. . . . .	48 00	6 00	6 00
26th st. . . . .	921 10	. . . . .	385 00	536 10	536 10
Dawson st. . . . .	250 00	. . . . .	223 60	26 40	26 40

STREET EXTENSION FUNDS--Continued.

	Bal. in Fund Dec. 31, 1895	Receipts	Expenditures	Bal. in Fund Dec. 31, 1895	Warrants Outstanding
E. 14th st. . . . .	190 00	. . . . .	. . . . .	190 00	190 00
15th st. . . . .	4 00	. . . . .	4 00	. . . . .	. . . . .
Commercial st . . . . .	15 00	. . . . .	15 00	. . . . .	. . . . .
Russell st . . . . .	35 00	. . . . .	35 00	. . . . .	. . . . .
Cornell st . . . . .	. . . . .	250 00	250 00	. . . . .	. . . . .
Commercial st., Sellwood to Russell Willis Boulevard, E. line Portsmouth Villa to McKenna ave. . . . .	. . . . .	154 19	114 06	40 13	40 13
Clinton st., E. 12th to Milwaukee Peninsular ave. . . . .	. . . . .	108 00	77 00	31 00	31 00
E. 28th st., Stark to Sandy Road Clinton st. . . . .	. . . . .	232 95	101 55	131 40	131 40
		119 08	. . . . .	119 08	. . . . .
		57 05	. . . . .	57 05	. . . . .
		. . . . .	. . . . .	. . . . .	399 00
	<u>\$ 3991 40</u>	<u>\$ 921 27</u>	<u>\$ 1269 16</u>	<u>\$ 2743 51</u>	<u>\$ 20060 38</u>



INVENTORY OF PROPERTY BELONGING TO THE CITY--  
PUBLIC GROUNDS, ETC.

A tract of land containing five (5) acres in the Terwilliger D. L. C., fronting on the west line of Multnomah, now Macadam street, and adjoining the south line of Elizabeth Caruthers D. L. C.

A tract of land containing five (5) acres in the Elizabeth Caruthers D. L. C., fronting on the west line of Multnomah, now Macadam street, and adjoining the south line of said Elizabeth Caruthers D. L. C.

*Park Blocks.* Numbered and designated respectively: 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, city proper; and A, B, C, D, E, F, in Couch addition to the city of Portland, aggregating 7.45 acres.

*The Public Squares.* Situate in city proper, and bounded as follows: No. 53--On the north by the south line of Salmon street, on the east by the west line of Third street, on the south by the north line of Main street, and on the west by the east line of Fourth street. No. 54--On the north by the south line of Main street, on the east by the west line of Third street, on the south by the north line of Madison street, and on the west by the east line of Fourth street.

*Market Square No. 132.* Situate in city proper and bounded as follows: On the north by the south line of Clay street, on the east by the west line of Second street, on the south by the north line of Market street, on the west by the east line of Third street, containing 1 acre.

*City Hall Block.* Block 56, city.

*City Barn.* Block 1, Davenport tract, lots 9, 10, 11 and 12.

*City Park Proper.* Bounded and described as follows: On the north by the Barnes county road, on the east by the H. D. Green tract of land (now platted as "Cedar Hill,") and Donald Macleay tract of land (now platted as "Ardmore,") on the south by a continuation of the south boundary line of Donald Macleay tract of land (Ardmore), on the west by the King donation land claim, containing 40.78 acres.

BLOCK.	LOT.	ADDITION.
Central Park . . . . .	. . . . .	Ladd's
North " . . . . .	. . . . .	"
South " . . . . .	. . . . .	"
West " . . . . .	. . . . .	"
East " . . . . .	. . . . .	"

BLOCK.	LOT.	ADDITION.
30	4	City
*30	N. 1/2 of 3	"
*50	6	"
*9	N. 1/2 of 4	"
*143	6	"
*315	E. 1/2 of 8	"
*128	3	Caruthers
*99	E. 1/2 of 2, 3	Couch
*291	2	"

Three acres in section 36, T. 3 N. R. 2 W. of W. M., on which land the city crematory has been built.

City Park, blocks Nos. 132, 133, 140, 141, Holladay's addition to East Portland.

East side water works, a tract of land bounded on the north by the land of Mary Tibbetts, on the east by the land of Mary Tibbetts and Pyle's tract, on the south by the northerly side line of Powell street, on the west by the easterly side line of Bodley's addition, all in section 11, T. 1 S. R. 1 E. and containing 3.108-1000 acres.

BLOCK.	LOT.	
*76	S. 1/2 of 7	Stephens addition
*47	N. 1/2 of E. 1/2 of 6	Holladay's "
257	5 and 6	" "
* 3	N. 1/2 of 13, 14, 15, 16	Frush square

City Park a tract of land bounded on the north by the lands of Portland University, on the east by the lands of John Mock, on the south by the center line of County road, and on the west by the west line of John Windle donation land claim, all in section 8, T. 1 N. R. 1 E., W. M., and containing 29.46 acres.

BLOCK.	LOT.	
*29	14	Albina Homestead
*10	11	Probstel's addition
14	12, 13, 14, 15	"
*14	13	Multnomah
9		All Albina Homestead

\*Under control of the Portland Paid Fire Department.

SCHEDULE OF PROPERTY PURCHASED BY THE WATER  
COMMITTEE OF THE CITY OF PORTLAND,  
AND NOW IN ITS CHARGE.

---

Block 32 City of Portland, Caruthers' addition, old low service reservoir.  
 Block 235 City of Portland, old high service reservoir.  
 Lots 3 and 4 block 150, City of Portland, tool-house.  
 $\frac{1}{2}$  acre, foot Sherman street, Portland, old pumping station.  
 21 acres, section 34, T. 1 S. R. 1 E., Lots 1 and 2, Palatine Hill.  
 4 $\frac{1}{2}$  acres, City of Portland, adjoining City Park on south.  
 2 $\frac{1}{3}$  acres, City of Portland, adjoining City Park on west.  
 6-10 of an acre, City of Portland, foot of Stephens street.  
 5 $\frac{3}{4}$  acres, Mt. Tabor Park, high service reservoir.  
 10 acres, near Mt. Tabor Park, low service reservoir.  
 3640 acres adjacent to head works on Bull Run river.

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PROPERTY IN POSSESSION OF THE CITY BY VIRTUE OF  
CHIEF OF POLICE SALE.

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Lot 5, block 52, Caruthers' addition; purchased September 12, 1871, for improvement of South First street.

Lot 6, block 52, Caruthers' addition; purchased September 12, 1871, for improvement of South First street.

Lot 7, block 52, Caruthers' addition; purchased September 12, 1871, for improvement of South First street.

Lot 8, block 52, Caruthers' addition; purchased September 12, 1871, for improvement of South First street.

West half of tract of land, 40 feet wide, lying between and bounded by blocks 51 and 52, Caruthers' addition; purchased September 12, 1871, for improvement of South First street.

East half of a strip of land, 40 feet wide, bounded by blocks 60 and 61,

Caruthers' addition; purchased September 12, 1871, for improvement of South First street.

The south half and the northwest quarter of the fractional block lying between Pine, A, 5th and 7th streets; purchased February 10th, 1872, for the improvement of Pine and North 7th streets.

Lot 2 in north half of block K, city; purchased February 6, 1884, for the improvement of 11th street.

A tract of land bounded on the south by the north line of block 103, in Caruthers' addition, on the east by the west line of the proposed extension of Hood street, on the north by line parallel with and 100 feet north of the north line of block 103 and on the west by a line parallel with and 100 feet west of the west line of the proposed extension of Hood street, purchased May 14, 1884, for the extension of Hood street to its junction with Water street.

A tract of land bounded on the south by the north line of block 102 in Caruthers' addition, on the west by the east line of the proposed extension of Hood street, on the north by a line parallel with and 100 feet north of the north line of said block 102, and on the east by a line parallel with and 100 feet east of the east line of the proposed extension of Hood street, purchased May 14, 1884, for the extension of Hood street, to its junction with water street.

The east half of lot 5, block E, Caruthers' addition; purchased June 18, 1884, for the improvement of Front and South Front streets.

A tract of land in Caruthers' addition and bounded and described as beginning at a point, where an easterly extension of the north line of Lincoln street intersects the east line of the proposed extension of Hood street, thence northerly along said line 150 feet, thence easterly on a parallel line with and 50 feet southerly from the north line of the Caruthers' donation land claim, 100 feet east of the east line of the proposed extension of Hood street 150 feet, thence easterly on a line conforming to an easterly extension of the north line of Lincoln street, 100 feet to the place of beginning; purchased April 2, 1885, for the extension of Hood street.

Lots 5 and 6, block 50, Caruthers' addition; purchased June 11, 1885, for the improvement of Front and South Front street.

Lots 1, 2, 3 in block 88, city; purchased December 4, 1884, for the sewer in Stark street.

A tract of land lying between the division line between the north and south halves of the Blackistone donation land claim, and the south boundary line of Sherlock's addition, and between the east side line of the proposed extension of north 21st street, and a line parallel therewith and 100



feet easterly therefrom in the city of Portland; purchased April 2, 1885, for the extension of North 21st street.

Lots 5 and 6, block 2, Carter's addition; purchased July 9th, 1885, for the improvement of 15th street.

Lot 4, block 3, Carter's addition; purchased February 5, 1885, for the improvement of 15th street.

A triangular piece of land lying between Washington street, B street and Lownsdale street; purchased November 7, 1883, for the improvement of B street.

Lots 1, 2, 3 and 4, block 10, Carter's addition; purchased February 5, 1885, for the improvement of 15th street.

Lot 5, in block opposite A, in Caruthers' addition; purchased April 23, 1885, for the improvement of Hood street.

Lots 5, 6, 7 and 8, block 45, in Caruthers' addition; purchased February 5, 1885, for the extension of South Front street.

Lot 9, block B, Caruthers' addition; purchased June 11, 1885, for the improvement of Hood street.

A tract of land between block P and city tracts in the city of Portland; purchased December 4, 1884, for the improvement of Hood street.

Lots 1, 2 and 8, block 35, Carter's addition; purchased February 5, 1885, for the improvement of Montgomery street.

Lots 2 and 3, block 3, Carter's addition; purchased February 5, 1885, for the improvement of 15th street.

North 21 feet of S.  $\frac{1}{2}$  of lot 1, in block A, Caruthers' addition; for the improvement of Hood street.

Lot 7, block 113, Caruthers' addition; purchased April 16th, 1888, for the improvement of South First street.

A tract of land which lies between the east line of North Twenty-first street and the west line of Blackstone street in Sherlock's addition and the division line between the north and south halves of Wm. Blackstone donation land claim, and a line 100 feet southerly from and parallel with the south line of X street, saving and excepting that part of lots 1 and 4, which lie in the southeast quarter of block 6, in Sherlock's addition; purchased January 16th, 1890, for the extension of Wilson street.

A tract of land which lies between the west line of North Eighteenth street, and 20 feet west of the west line of North Nineteenth street if extended, and between the north line of the proposed extension of Wilson street, and the division line between the north and south halves of Black-

istone's donation land claim, and between a line 100 feet northerly from and parallel with the north line of the proposed extension of Wilson street, and the south-easterly side line of Sherlock's addition; purchased January 16th, 1890, for the extension of Wilson street.

All that part of Doscher's tract which lies between the east line of Blackstone street in Sherlock's addition, and the west line of North Twentieth street and the division line of the north and south halves of Blackstone's donation land claim, and a line 100 feet southerly from and parallel with the south line of X street; purchased January 16th, 1890, for the extension of Wilson street.

A tract of land which lies between the west line of North Sixteenth street and North Front street, and the east line of North Eighteenth street, and between the north line of the proposed extension of Wilson street, and a line 100 feet northerly from and parallel with the north line of the proposed extension of Wilson street, excepting the right of way of the Northern Pacific Railroad Company and the Northern Pacific Terminal Company; purchased January 16th, 1890, for the extension of Wilson street.

A tract of land being the east 100 feet of the north 30 feet of block south  $\frac{1}{2}$  A, city; purchased March 26th, 1884, for the improvement of Tenth street.

Lot 5, block C, Caruthers'; purchased June 18th, 1884, for improvement of Front and South Front streets.

The east half of lot 4, of south  $\frac{1}{2}$  of block I, city; purchased June 25th, 1885, for improvement of Tenth street.

The fractional block between Ankeny, Pine, Sixth and Seventh streets; purchased June 19th, 1877, for the improvement of Ankeny street, North Front to West Park streets.

Lot 2, block 2, Frush square; purchased November 2d, 1872, for improvement of J street.

Lot 6, block 1, Frush square; purchased November 2d, 1872, for improvement of J street.

Lot 5, block 1, Frush square; purchased November 2d, 1872, for improvement of J street.

Lot 7, block 1, Frush square; purchased November 2d, 1872, for improvement of J street.

Undivided  $\frac{1}{2}$  of lot 7, block 216, Holladay's addition; purchased August 7th, 1887, for improvement of Fourth street.

3x100 feet on the east side of lots 5, 6, block 62, East Portland; pur-

chased December 10th, 1883, for the improvement of Third street.

Undivided  $\frac{1}{2}$  of lot 8, block 211, Holladay's addition; purchased August 7th, 1887, for improvement of Fourth street.

Undivided  $\frac{1}{2}$  of lot 7, block 211, Holladay's addition; purchased August 7th, 1887, for improvement of Fourth street.

Lots 15, 16, containing  $12\frac{1}{2}$  acres of land, Riverside Homestead; purchased July 17th, 1880, for taxes.

Lots 3, 4, block 106, Stephen's addition; purchased July 17th, 1880, for taxes.

Lot 6, block E, Kern's addition; purchased July 17th, 1880, for taxes.

Lot 2, block 79, Holladay's addition; purchased July 17th, 1880, for taxes.

Undivided  $\frac{1}{2}$  of lots 1, 2, block 16, McMillen's addition; purchased July 17th, 1880, for taxes.

7 acres section 11, T. 1 S., R. 1 E; purchased July 17th, 1880, for taxes.

10 acres section 11, T. 1 S., R. 1 E; purchased July 17th, 1880, for taxes.

5 acres section 11, T. 1 S., R. 1 E; purchased July 17th, 1880, for taxes.

2 acres section 11, T. 1 S., R. 1 E; purchased July 17th, 1880, for taxes.

5 acres section 11, T. 1 S., R. 1 E; purchased July 17th, 1880, for taxes.

2 acres section 11, T. 1 S., R. 1 E; purchased July 17th, 1880, for taxes.

1 acre section 11, T. 1 S., R. 1 E; purchased July 17th, 1880, for taxes.

East  $\frac{1}{2}$  of lots 3, 4, block 21, East Portland; purchased July 17th, 1880, for taxes.

Lots 5, 6, block 17, Tibbett's addition; purchased July 17th, 1880, for taxes.

Lot 19, Riverside Homestead; purchased July 17th, 1880, for taxes.

Lots 1, 2, block 1, McMillen's addition; purchased July 17th, 1880, for taxes.

Lots 5, 6, and the S. 30 feet lot 7, block 243, Holladay's addition; purchased September 12th, 1895, for the improvement of Union avenue.

The undivided  $\frac{1}{2}$  of lot 3, block 242, Holladay's addition; purchased September 12th, 1895, for the improvement of Union avenue.

Lots 10 and 11, block 1, East Irvington; purchased September 12th, 1895, for the improvement of East Twenty-fourth street, formerly A street.

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The right of way of the Portland Cable Railway Co.; purchased September 12th, 1895, for the improvement of Third street.

Lots 9 and 1, block 14, Multnomah, and the right of way of the City and Suburban Railway Co.; purchased September 12th, 1895, for the improvement of Mississippi avenue.

Lot 1, block 25, Caruthers' addition; purchased September 12th, 1895, for the improvement of Caruthers' street.

Lot 8, block 133, Caruthers' addition to Caruthers' addition; purchased September 12th, 1895, for the improvement of Whittaker street.

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#### DREGGING APPARATUS, ETC.

1 steam dredger with machinery, tackle and apparel complete; 1 steam tug, Louisa Vaughn, with tackle and apparel complete.



ANNUAL REPORT  
OF  
FRANK HACHENEY, CITY TREASURER,  
FOR YEAR 1895.

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Balance December 31, 1894 . . . . .		\$119,769 69
Received from all sources . . . . .		816,636 99
Disbursed . . . . .	\$765,373 69	
Balance in New York to redeem interest coupons . . . . .	18,175 00	
Deposited with Security Saving & Trust Co. . . . .	7,017 39	
Balance in treasury December 31, 1895 . . . . .	145,840 60	
	\$936,406 68	\$936,406 68

GENERAL FUND.

Balance December 31st, 1894 . . . . .		\$ 9,634 39
<i>Received from :</i>		
General licenses . . . . .		134,020 89
Dog licenses . . . . .		3,243 00
B. M. Smith, fines, etc., Municipal Court . . . . .		3,623 65
A. W. Lambert, taxes, 1895 . . . . .		133,123 61
A. W. Lambert, delinquent taxes . . . . .		1,880 61
J. W. Minto, costs, streets, etc. . . . .		2,021 81
J. W. Minto, delinquent taxes . . . . .		882 72
John Foster, pound fees . . . . .		1,738 75
Sundry persons, costs . . . . .		560 67
Sundry persons, delinquent taxes . . . . .		663 52
H. Fleckenstein, for rent, sale of elk, desks, stoves and tables . . . . .		174 00
C. M. Meyer, sale of water . . . . .		42 00
S. C. Beach, sale of horses . . . . .		157 50
J. Barrett Co. . . . .		5 38
J. D. Drew, sale of horses . . . . .		133 00
<i>Amount carried forward</i> . . . . .		: 291,905 50

## TREASURER'S REPORT.

<i>Amount brought forward</i> . . . . .		\$291,905 50
School District No. 1, rent . . . . .		460 00
Multnomah County, road warrant . . . . .		61 10
Redemption tax . . . . .		25 06
Transferred from East side water expense fund . . . . .		3,918 08
"    "    Street extension funds . . . . .		45 00
C. Sprague, hauling dead animals . . . . .		11 00
Sale ordinances . . . . .		5 00
Transferred from Street Improvement funds . . . . .		1,988 17
"    "    Sewer funds . . . . .		904 26
"    "    Street and sewer interest fund . . . . .		162 35
Transferred to Willamette River fund . . . . .	\$ 56 25	
"    Sewer funds . . . . .	1,744 75	
"    Street Cleaning and Sprinkling fund . . . . .	35,000 00	
"    Lamp fund . . . . .	56,500 00	
"    Improvement fund . . . . .	1,747 84	
Interest paid on warrants . . . . .	1,088 47	
Warrants paid and returned . . . . .	158,111 02	
Balance December 31st, 1895 . . . . .	45,237 19	
		<hr/>
		\$299,485 52 \$299,485 52

## FIRE DEPARTMENT FUND.

Balance December 31, 1894 . . . . .	\$	03
Received from A. W. Lambert, delinquent tax . . . . .		2,474 50
"    A. W. Lambert, tax 1895 . . . . .		102,402 83
"    Sale of lot 2, block 18, Albina . . . . .		650 00
"    Sale of old material . . . . .		114 50
Warrants paid and returned . . . . .	\$105,641 35	
Balance December 31st, 1895 . . . . .	51	
		<hr/>
		\$105,641 86 \$105,641 86

## POLICE DEPARTMENT FUND.

Balance December 31, 1894 . . . . .	\$	03
Received from A. W. Lambert, delinquent tax . . . . .		1,583 69
"    A. W. Lambert, tax 1895 . . . . .		92,162 55
"    J. W. Minto, sale of material . . . . .		66 95
Warrants paid and returned . . . . .	\$ 93,813 21	
Balance December 31st, 1895 . . . . .	01	
		<hr/>
		\$ 93,813 22 \$ 93,813 22

STREET CLEANING AND SPRINKLING FUND.

Balance December 31st, 1894 . . . . .	\$	02
Transferred from General fund . . . . .		35,000 00
Received from licenses . . . . .		8,327 71
"    B. M. Smith, fines, etc. . . . .		5,145 75
Warrants paid and returned . . . . .	\$	47,477 83
Interest on warrants . . . . .		95 93
Balance December 31, 1895 . . . . .		899 72
	<hr/>	
	\$	48,473 48
	\$	48,473 48

STREET IMPROVEMENT FUNDS.

Balance December 31, 1894 . . . . .	\$	8,548 59
Received sundry collections . . . . .		31,344 50
Transferred from General fund . . . . .		1,747 84
Warrants paid and returned . . . . .	\$	34,763 82
Transferred to General fund . . . . .		1,988 17
Balance December 31, 1895 . . . . .		4,888 94
	<hr/>	
	\$	41,640 93
	\$	41,640 93

SEWER FUNDS.

Balance December 31, 1894 . . . . .	\$	2,662 10
Received sundry collections . . . . .		40,006 82
Transferred from General fund . . . . .		1,744 75
Warrants paid and returned . . . . .	\$	41,741 76
Transferred to General fund . . . . .		904 26
Balance December 31, 1895 . . . . .		1,767 65
	<hr/>	
	\$	44,413 67
	\$	44,413 67

STREET EXTENSION FUNDS.

Balance December 31, 1894 . . . . .	\$	3,091 40
Received sundry collections . . . . .		921 27
Warrants paid and returned . . . . .	\$	1,224 16
Transferred to General fund . . . . .		45 00
Balance December 31, 1895 . . . . .		2,743 51
	<hr/>	
	\$	4,012 67
	\$	4,012 67



## TREASURER'S REPORT.

## STREET AND SEWER INTEREST FUND.

Balance December 31, 1894 . . . . .	\$	1,729	07
Received sundry collections . . . . .			6,459 51
Warrants paid and returned . . . . .	\$	5,968	03
Transferred to General fund . . . . .		162	35
Balance December 31, 1895 . . . . .		2,058	20
	\$	8,188	58
	\$	8,188	58

## STREET LAMP FUND.

Balance December 31, 1894 . . . . .	\$	78	18
Received from General fund . . . . .			56,500 00
Warrants paid and returned . . . . .	\$	56,564	10
Balance December 31, 1895 . . . . .		14	08
	\$	56,578	18
	\$	56,578	18

## LITIGATION FUND. (COURT COSTS).

Balance December 31, 1894 . . . . .	\$	91	30
Received from General fund . . . . .			500 00
Received costs collected . . . . .			28 40
Vouchers paid . . . . .	\$	579	05
Balance December 31, 1895 . . . . .		40	65
	\$	619	70
	\$	619	70

## BONDED INDEBTEDNESS—INTEREST FUND.

Balance December 31, 1894 . . . . .	\$	25,439	37
Received from A. W. Lambert, delinquent tax . . . . .			1,484 69
“ A. W. Lambert, tax 1895 . . . . .			58,149 34
Warrants and coupons paid . . . . .	\$	66,464	56
Balance December 31, 1895 . . . . .		18,608	84
	\$	85,073	40
	\$	85,073	40

## WATER BONDS—INTEREST FUND).

Balance December 31, 1894 . . . . .	\$	66,275	00
Received from Water Committee . . . . .			140,000 00
Coupons paid . . . . .	\$	133,725	00
Balance December 31, 1895 . . . . .		72,550	00
	\$	206,275	00
	\$	206,275	00

WILLAMETTE RIVER FUND.

Balance December 31, 1894 . . . . .		\$	8 71
Received from General fund . . . . .			56 25
Warrants paid and returned . . . . .	\$	56 25	
Balance December 31, 1895 . . . . .		8 71	
	\$	64 96	\$ 64 96

EAST SIDE WATER EXPENSE FUND.

Balance December 31, 1894 . . . . .		\$	1,899 88
Received from Water rates . . . . .			4,296 07
Warrants paid and returned . . . . .	\$	2,186 17	
Transferred to General fund . . . . .		3,918 08	
Balance December 31, 1895 . . . . .		91 70	
	\$	6,195 95	\$ 6,195 95

EAST PORTLAND WATER FUND.

Balance December 31, 1894 . . . . .		\$	16 85
Warrants paid . . . . .	\$	50	
Balance December 31, 1895 . . . . .		16 35	
	\$	16 85	\$ 16 85

BOULEVARD FUND.

Balance December 31, 1894 . . . . .		\$	217 77
Balance December 31, 1895 . . . . .	\$	217 77	
	\$	217 77	\$ 217 77

FIRE BADGE REDEMPTION FUND.

Balance December 31, 1894 . . . . .		\$	77 00
Badges redeemed . . . . .	\$	1 00	
Balance December 31, 1895 . . . . .		76 00	
	\$	77 00	\$ 77 00

SEALER WEIGHTS AND MEASURES FUND.

Balance December 31, 1894 . . . . .		\$	
Received from J. L. Poole . . . . .			490 10
Warrants paid and returned . . . . .	\$	471 70	
Balance December 31, 1895 . . . . .		18 40	
	\$	490 10	\$ 490 10

## BOILER INSPECTOR'S FUND.

Balance December 31, 1894 . . . . .		\$	
Received from W. T. Everson, Inspector . . . . .			1,992 95
Warrants paid and returned . . . . .	\$	1,729 00	
Balance December 31, 1895 . . . . .		263 95	
	\$	1,992 95	\$ 1,992 95

## BRIDGE AND FERRY BONDS- INTEREST FUND.

Received from A. W. Lambert . . . . .		\$	27,577 03
Coupons and warrants paid . . . . .	\$	13,670 78	
Balance December 31, 1895 . . . . .		13,906 25	
	\$	27,577 03	\$ 27,577 03

## IMPROVEMENT BONDS -INTEREST FUND.

Received sundry collections . . . . .		\$	607 11
Balance December 31, 1895 . . . . .	\$	607 11	
	\$	607 11	\$ 607 11

## BONDED IMPROVEMENT FUND.

Received sundry collections . . . . .		\$	7,017 45
Deposit with Security Savings and Trust Co. . . . .	\$	7,017 39	
Balance December 31, 1895 . . . . .		06	
	\$	7,017 45	\$ 7,017 45

## GENERAL SUMMARY.

Balance in the Treasury . . . . .	\$145,840 60
Balance in Security S. & T. Co. . . . .	7,017 39
Balance in New York . . . . .	18,175 00

*Credited as follows:*

General fund . . . . .	\$	45,237 19
Fire Department fund . . . . .		51
Police Department fund . . . . .		01
Street Cleaning and Sprinkling fund . . . . .		899 72
Boiler Inspector's fund . . . . .		263 95

*Amounts carried forward* . . . . . \$171,032 99 \$ 46,401 38

TREASURER'S REPORT.

77

<i>Amounts brought forward</i> . . . . .	\$171,032 99	\$ 46,401 38
Street Improvement funds . . . . .		4,888 94
Bridge and Ferry Bonds, Interest, New York . . . . .		12,625 00
Bridge and Ferry Bonds, Interest in Treasury . . . . .		1,281 25
Sewer funds . . . . .		1,767 65
Improvement fund, deposited with S. S. & Trust Co.		7,017 39
Improvement fund, in Treasury . . . . .		06
Street Extension funds . . . . .		2,743 51
Litigation fund . . . . .		40 65
Sealer Weights and Measures fund . . . . .		18 40
Bonded indebtedness, interest in New York . . . . .		5,550 00
Bonded indebtedness, interest in Treasury . . . . .		13,058 84
Improvement Bonds, Interest fund . . . . .		607 11
Street lamp . . . . .		14 08
Willamette River fund . . . . .		8 71
Water Bonds, Interest fund . . . . .		72,550 00
Street and Sewer Interest fund . . . . .		2,058 20
East Side Water Expense fund . . . . .		91 70
Fire Badge Redemption fund . . . . .		76 00
East Portland Water fund . . . . .		16 35
Boulevard fund . . . . .		217 77
		<hr/>
	\$171,032 99	\$171,032 99

STREET IMPROVEMENT FUND.

Balance in this fund, as stated . . . . . \$ 4,888 94

*Credited as follows :*

Fifth, Stephens to Adams . . . . .	\$	34 60
M, 4th to 12th . . . . .		43 16
Clinton, 12th to 21st . . . . .		62 73
R . . . . .		186 75
Chapman . . . . .		35 95
North 14th . . . . .		55 40
South Front, Gaines to 1st avenue . . . . .		18 55
Hood . . . . .		14 64
Taylor . . . . .		1 41
North 18th . . . . .		27 67
South 2d, Sheridan to Gibbs . . . . .		1 85
Clifton . . . . .		79 00
Thirteenth, College to Hawthorne . . . . .		25 00

*Amounts carried forward* . . . . . \$ 4,888 94 \$ 585 81

<i>Amounts brought forward</i> . . . . .	\$ 4,888 94	585 81
Clay . . . . .		4 80
Fifth, K to Ellsworth . . . . .		207 47 <sup>1</sup> / <sub>2</sub>
Myrtle, 13th to 19th . . . . .		50 90
G, East to West End . . . . .		21 20
North 16th, G to M . . . . .		13 19
Elliott . . . . .		91 62
North 22d, J to P . . . . .		113 41
H, East to West End . . . . .		112 45
H, 22d to 23d . . . . .		43 64
North 23d, F to J . . . . .		45 54
Missouri avenue, Multnomah to Grant . . . . .		30 00
G, Third to West Park . . . . .		13 74
Multnomah, Grover to Curry . . . . .		9 10
East Glisan, 9th to 12th . . . . .		6 00
East 16th, Holladay to Belmont . . . . .		45 73
Weidler . . . . .		54 01
East 12th, Hancock to Thompson . . . . .		9 16
East 8th, Flanders to Riverside Homestead . . . . .		302 53
Shaver, Maryland to Williams . . . . .		34 04
Montana, Fremont to Multnomah . . . . .		385 43
Hawthorne avenue . . . . .		97 00
East 20th, Hawthorne to East Stark . . . . .		18 86
Union, Broad to Schuyler . . . . .		54 40
East 24th, formerly A . . . . .		30 96
East Oak, 2d to Water . . . . .		1 85
East 8th, Ainsworth to Dekum . . . . .		15 25
Tenino avenue . . . . .		3 80
Union avenue, Morris to Prescott . . . . .		647 84
Fourth . . . . .		51 02
Spokane avenue . . . . .		64 15
Fifth . . . . .		47 08
Umatilla . . . . .		361 23
Shaver . . . . .		14 50
East 17th, Morrison to Stark . . . . .		12 00
East Harrison, 11th to 3d . . . . .		44 25
Cleveland avenue . . . . .		3 75
Twenty-fourth, Glisan to Savier . . . . .		68 13
Vancouver avenue . . . . .		16 25
Willamette . . . . .		8 25 <sup>1</sup> / <sub>2</sub>
Nebraska . . . . .		11 22
Portsmouth avenue . . . . .		25 49
<i>Amounts carried forward</i> . . . . .	\$ 4,888 94	3,777 06

TREASURER'S REPORT.

<i>Amounts brought forward</i> . . . . .	\$ 4,888 94	\$ 3,777 06
Sixth . . . . .		36 42
Beacon . . . . .		11 25
Cable . . . . .		4 00
Milwaukie and East 11th . . . . .		97 13
Powell . . . . .		27 34
East Burnside . . . . .		30 50
Mallory avenue . . . . .		11 50
East Stark, Water to 16th . . . . .		33 76
Elm . . . . .		2 25
Hoyt . . . . .		2 50
East Ninth . . . . .		12 69
Water and Hood . . . . .		60 00
Madrona avenue . . . . .		17 63
Fremont . . . . .	211 96	
Grand avenue, Clay to Stark . . . . .		59 26
Nineteenth . . . . .		2 00
Front, Madison to Lincoln . . . . .		23 40
East Second, Oak to Washington . . . . .		29 84
Third, Main to Columbia . . . . .		6 50
Columbia . . . . .		1 50
Union, Russel to Weidler . . . . .	283 89	
Grand avenue, Burnside to Stark . . . . .		12 24
Corbett . . . . .		1 90
Marshall . . . . .		5 98
South half Hamilton avenue . . . . .		2 25
Clinton, 21st to 36th . . . . .		23 29
Kelly, Hamilton to Seymour . . . . .		2 00
Gantenbein avenue, Morris to Ivy . . . . .		30 18
Commercial, Shaver to Russell . . . . .		47 80
Madison, Chapman to Stout . . . . .		20 92
	<hr/>	<hr/>
	\$ 4,888 94	\$ 4,888 94

SEWER FUND.

Balance in this fund, as stated . . . . .	\$ 1,767 65
<i>Credited as follows:</i>	
P . . . . .	\$ 241 73
Q . . . . .	130 08
Pennoyer . . . . .	18 11
	<hr/>
<i>Amounts carried forward</i> . . . . .	\$ 1,767 65
	\$ 389 92

<i>Amounts brought forward</i> . . . . .	\$ 1,767 65	\$ 389 92
Williams avenue, et al . . . . .		94 60
Marquam Gulch . . . . .		6 70
Whitaker . . . . .		1 05
Corbett . . . . .		17 89
Pacific, et al . . . . .		1 60
East 2d, Weidler to Holladay . . . . .		88 40
East Alder, et al . . . . .		472 70
East Yamhill, 34th to 35th . . . . .		21 50
East 35th, Morrison to Yamhill . . . . .		2 95
East 15th, Morrison to Yamhill . . . . .		14 45
East Alder, 7th to 9th . . . . .		54 12
East Taylor, 19th to 26th . . . . .		13 92
Hood . . . . .		194 60
East 3rd . . . . .		15 17
Clay, 80 feet east of Union to River . . . . .		4 80
East 7th, et al . . . . .		92 20
Lovejoy . . . . .		9 40
Rodney avenue, et al . . . . .		7 74
East 20th, Washington to Belmont . . . . .		3 03
Vancouver avenue, Tillamook to Hancock . . . . .		8 77
Vancouver avenue, Hancock to Wheeler . . . . .		114 49
Belmont . . . . .		12 00
First, Whitaker to Grover . . . . .		15 60
Macadam . . . . .		4 00
East 12th, et al . . . . .		106 05
	\$ 1,767 65	\$ 1,767 65

## STREET EXTENSION FUND.

Balance in this fund, as stated . . . . . \$ 2,743 51

*Credited as follows:*

V . . . . .	\$ 472 50
Heights Terrace . . . . .	10 00
W . . . . .	671 00
Fourth . . . . .	153 75
Eleventh . . . . .	14 70
Ninth . . . . .	30 00
Vancouver avenue . . . . .	97 00
Q . . . . .	5 00
Hawthorne avenue . . . . .	19 40
<i>Amounts carried forward</i> . . . . .	\$ 2,743 51
	\$ 1,473 35

TREASURER'S REPORT.

81

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<i>Amounts brought forward</i> . . . . .	\$ 2,743 51	\$ 1,473 35
Cable . . . . .		96 70
Powell . . . . .		36 30
East 5th, Stark to Clay . . . . .		6 00
Twenty-sixth . . . . .		536 10
Dawson . . . . .		26 40
East 14th . . . . .		190 00
Willis Boulevard . . . . .		31 00
Commercial . . . . .		40 13
Peninsular avenue . . . . .		119 08
Clinton . . . . .		131 40
Twenty-eighth, Stark to Sandy Road . . . . .		57 05
	<hr/>	<hr/>
	\$ 2,743 51	\$ 2,743 51

Respectfully submitted,

FRANK HACHENEY,

*City Treasurer.*





# REPORT OF THE SUPERINTENDENT OF STREETS.

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OFFICE OF SUPERINTENDENT OF STREETS, }  
PORTLAND, OREGON. }

*To the Honorable Mayor and Common Council of the City of Portland, Oregon :*

GENTLEMEN:—I have the honor to submit herewith my annual report as Superintendent of Streets, for the year ending December 31st, 1895.

No new streets of general interest to the entire city have been constructed during the year, nor has any new paving material been introduced in the improvements made.

It is a subject of regret that complications have existed rendering it impossible to repair and improve the pavements on Washington and Third streets during the past year.

The bituminous rock pavement on these streets has worn so full of holes that the pavements are a disgrace to a city of our pretensions, especially as they are the most prominent business thoroughfares in the city. The concrete foundation on these streets was first class, but owing to the wearing surface of the pavement being so full of holes, much damage has been done thereto, and I predict that by next season the foundation will be worn through in many places. Some of the property owners along these streets are taking the precaution to fill the holes with crushed rock, which will have the effect of preserving the foundation until some plan can be arranged whereby permanent repairs can be made.●

It is the disposition of the public in general to criticise this department for the disgraceful condition of these and other streets for which the present administration is in no wise responsible. Every possible effort has been made to have the contractors live up to their agreement, which was to keep these streets in repair for a period of five years. This the contractors have flatly refused to do and a suit instituted against the contractors and their bondsmen is now pending on an appeal to the Supreme Court.

I can assure those interested that nothing would give me more pleasure than to put the necessary repairs on all streets, but there is no fund at my

disposal whereby this could be done. It is doubtful if the Trinidad Asphalt pavement on Morrison and Sixth streets are going to fulfill the expectations of the enthusiasts for that class of pavement. Continual repairs have been necessary on Morrison street, adjacent to the car tracks, and serious disintegration of the asphalt surface is now apparent at numerous places on Sixth street. The necessity for so much repairs on Morrison street is, undoubtedly, mainly due to continual jarring of the heavy cars which cracks the pavement adjacent to the rails of the car tracks. The trouble on Sixth street, however, can not be attributed to this cause, there being no car tracks on the street.

The general condition of the streets throughout the entire city is bad. Few pavements, which might be termed "permanent improvements" have ever been laid in this city. This condition of our streets is far more the result of the objections of property owners to pay for expensive work, which is necessary in order to secure a good street, than any supposed want of plans and projects for pavements which will be durable, permanent and practically noiseless. No cheap pavement can be put on a street and left to take care of itself for a number of years—which has always been the case with our streets—without becoming unsightly and uneven. Our streets will never present a creditable appearance, until such time as the Charter is so amended that the city will take charge of the streets and keep them in repair after once permanently improved by the property owner. The cost of so doing would not be great compared with the benefit derived. At present this department is powerless to act, until a street becomes actually dangerous. If the department of street cleaning and sprinkling was consolidated with this department the extra expense of repairing streets, as above suggested, would be small.

The general public do not seem to understand that no branch of the city government has power to improve streets at their pleasure, or to select such paving material, in improvements made, as the judgment of officials might dictate. It does not seem to be known that a street can only be improved on petition of the adjacent property owners and that the petition must indicate the character and materials to be used in making the improvement and that no deviation can be made, in materials to be used or manner of doing the work from what is expressed in the petition. Ignorance of this fact by the public, is the cause of much censure on the city government.

Macadam streets are the subject of much unfavorable comment, which I do not consider they properly deserve. As a consequence of our system of caring for streets, some macadam which has only been down a few years is in very bad shape, owing to the neglect of the property owner, while other streets improved with macadam fifteen years ago and which

have received proper attention in the way of an occasional load of rock, are in as good condition as when first laid. Macadam, owing to first cost, will, for all time to come, I believe, form the largest part of our streets in the residence portion of the city, and if properly laid and cared for will, in my opinion, give as good satisfaction, cost considered, as any material that can be laid.

While the law provides that property owners shall keep the adjacent streets in repair, it has been the custom to deviate from this, where the improvement consists of a bridge and while strenuous efforts are made to confine this expenditure to the lowest possible limit, still in the aggregate the amount thus expended amounts to quite a sum in the course of a year.

During the past year repairs have been made to bridges as follows :

The bridge on Corbett street at Pennoyer street : Two new sills put in and bents raised and blocked in position.

The bridge on Hood street between Porter and Woods streets : Four new girders put in.

The bridge on Corbett street between Porter and Grover streets: Four new bents put in, also repairs to decking.

Bridge at Fulton Park: 1060 feet of sidewalk, 3 feet wide, with railing on both sides of walk.

Bridge on First street, between Sheridan and Arthur streets : Repairs to railing and sidewalk ; several bents straightened and strengthened by putting in new posts and braces, also two new sills put in.

Bridge on Front street, between Sheridan and Arthur : Entire superstructure reconstructed and new decking and sidewalks throughout ; also several bents straightened and strengthened with new posts and braces.

There was also a new bridge constructed on Sheridan street from Front street to a point 60 feet west of Front street.

Bridge on Chapman street, between Taylor and Main streets: New sill put in and repairs to decking.

Bridge on Chapman street, between Alder and Morrison streets : New sill, and posts straightened in one bent.

Bridge on Nineteenth street, between Morrison and Washington : Re-decked throughout with new sidewalk and railing on west side of bridge.

Bridge on Seventeenth street, between Marshall and Northup streets : partially re-decked.

Bridge on Pettigrove street, between Seventeenth and Eighteenth streets: Five new sills put in and partially re-decked.

Bridge on Sixteenth street, between Quimby and Raleigh streets: Two new sills, one new stringer the entire length of bridge, and half the roadway re-decked with three inch plank.

Bridge on Fourteenth street, between Quimby and Raleigh streets: West half re-decked with four inch plank.

Bridge on Northup street, between Eighth and Twelfth streets: Re-decked throughout with four inch plank and a sidewalk six feet wide constructed along the north side of the bridge.

Bridge on Eleventh street, between Northup and Quimby streets: Partially re-decked.

Bridge on Front street, between Thurman and Charles streets: Six new posts and partially re-decked.

The Holladay avenue bridge across Sullivan's Gulch: Two new sills and several posts straightened and braced, also repairs to sidewalk.

The Goldsmith street bridge across Montgomery Slough: One new bent put in, three bents straightened and braced and two new batter posts put in.

The bridge on Hawthorne avenue between East First and East Third streets: Re-decked on north side of railway track.

Bridge on Union avenue and East Everett street: Partially re-decked.

Bridge on Union avenue between East Oak and East Washington streets: Partially re-decked.

Bridge on Grand avenue, between East Grant and East Caruthers streets: Entirely re-decked.

Bridge on Grand avenue between East Everett and East Glisan: Partially re-decked.

Bridge at intersection of East Alder and East Eighth street: Re-decked.

Bridge on East Morrison street from East Water street to Union avenue: Re-decked throughout.

Bridge on East Morrison street, between East Seventh and East Ninth street: Partially re-decked.

Bridge on East Oak street, between Union avenue and East Sixth street, has had repairs to bents.

Bridge on East Twelfth street, between East Irving and Pacific streets, has been partially re-decked.

Bridge on East Washington street, between East Sixth and East Eighth streets, has been partially re-decked.

Bridge on East Twelfth street, between East Oak and East Stark streets, has been partially re-decked.

The following improvements have also been made and paid for out of the General Fund :

On Front street, between Hull and Wilson streets, a plank roadway 16 feet wide and 400 feet long was laid.

On the west side of Eighteenth street, between Thurman and Vaughn streets, 200 feet of plank gutter.

On the west side of Twenty-sixth street, between Thurman and Vaughn streets, a sidewalk 400 feet in length.

Four new box gutters across intersections on Thurman street.

New bridge on Twenty-second street, at Nicolai street.

The following statement shows the amount of street work completed during the year:

UNDER ORDINANCES.

Kind of Work.	Lineal Feet
Sidewalk, wood . . . . .	12857
Crosswalk, wood . . . . .	2053
Macadam . . . . .	3490
Bridge . . . . .	1666
Plank roadway . . . . .	3169
Asphalt pavement . . . . .	460
Graded only . . . . .	8210
Sewers . . . . .	22128

UNDER PERMIT.

Kind of Work.	Lineal Feet
Sidewalk, wood . . . . .	7657
Sidewalk, concrete . . . . .	5448
Crosswalk, wood . . . . .	166
Crosswalk, granite . . . . .	76
Plank roadway . . . . .	1220
Stone block pavement . . . . .	460
Wood block pavement . . . . .	25
Macadam . . . . .	2830
Gravel . . . . .	100
Grading . . . . .	11609
Box gutter . . . . .	325
Stone gutter . . . . .	100

## UNDER NOTICES.

Kind of Work.	Lineal Feet
Sidewalk, wood . . . . .	23304
Sidewalk, concrete . . . . .	365
Crosswalk, wood . . . . .	4487

## AGGREGATE.

Kind of Work.	Lineal Feet
Sidewalk, wood . . . . .	43818
Sidewalk, concrete . . . . .	5813
Crosswalk, wood . . . . .	6706
Crosswalk, stone . . . . .	76
Plank roadway . . . . .	4389
Bridge . . . . .	1666
Stone block pavement . . . . .	460
Wood block pavement . . . . .	25
Macadam . . . . .	6320
Gravel . . . . .	100
Graded . . . . .	19819

The total number of miles of improved streets, sidewalks and crosswalks is as follows:

Kind of Work.	Miles.
Graded only . . . . .	71.00
Macadam . . . . .	41.00
Gravel . . . . .	40.62
Plank . . . . .	12.26
Bridging . . . . .	7.36
Stone blocks . . . . .	4.72
Bituminous rock . . . . .	2.22
Asphalt . . . . .	1.59
Brick . . . . .	.04
Wood block . . . . .	.02
<b>Total . . . . .</b>	<b>180.83</b>
Wood sidewalk . . . . .	280.70
Concrete sidewalk . . . . .	14.90
Asphalt and Bituminous sidewalk . . . . .	1.45
<b>Total . . . . .</b>	<b>297.05</b>
Wood crosswalk . . . . .	36.60
Stone crosswalk . . . . .	1.36
<b>Total . . . . .</b>	<b>37.96</b>

PERMITS ISSUED 1895.

To dig up street for laying gas pipe . . . . .	27
“ “ “ sewer pipe . . . . .	236
“ “ “ water pipe . . . . .	121
To use streets for building purposes . . . . .	345
To use streets for moving houses . . . . .	21
To improve streets . . . . .	149
To erect private lights . . . . .	66
Total . . . . .	<u>965</u>

Cost of buildings as shown by permits: \$577,100.00.

NOTICES ISSUED 1895.

To repair sidewalk and crosswalk . . . . .	1205
To fill holes in street . . . . .	48
Miscellaneous notices . . . . .	252
Total . . . . .	<u>1505</u>

During the past year plans and specifications have been prepared by this office as follows:

ELEVATED ROADWAYS.

East First street, from the north line of Broadway to the south line of Weidler street.

East Main street, from the east line of East Water street to the west line of East First street.

East Water street, from the north line of Hawthorne avenue to 12 feet north of the south line of East Washington street.

East Water street, from the north line of East Oak street to 12 feet north of the south line of East Washington street.

PLANS FOR SEWERS.

East Fifteenth street, from 100 feet north of East Morrison street to a connection with the sewer in East Taylor street.

East Thirty-fifth street, from the north line of East Morrison street to a connection with a sewer in East Yamhill street.

East Alder street, from 20 feet west of East Ninth street to a connection with the sewer in East Seventh street.

East Morrison street, from 75 feet east of East Eighteenth street to a connection with the sewer in East Sixteenth street.



East Taylor street, from the west line of East Twenty-sixth street to a connection with the sewer in East Nineteenth street.

San Rafael street, from 175 feet west of Rodney avenue to a connection with the sewer in Williams avenue.

Williams avenue, from the south line of Page street to a connection with the sewer 50 feet south of San Rafael street.

Sellwood street, from the west line of East Seventh street to a connection with the sewer in Union avenue.

Hood street, from 80 feet south of Gibbs street to a connection with the Woods street gulch sewer.

East Clay street, from 80 feet east of Union avenue to the Willamette river.

East Third street, from 42 feet north of Hancock street to a connection with the sewer in Schuyler street.

Crosby street, from 50 feet south of Halsey street to a connection with the sewer in Holladay avenue.

Lovejoy street, from 340 feet west of Twentieth street to a connection with the sewer 10 feet west of Nineteenth street.

East Seventh street, from the north line of East Lincoln to Hawthorne avenue; thence to East Ninth street; thence in East Ninth street to a connection with the Asylum Creek sewer.

Rodney avenue, from Sacramento street to Hancock street; thence to East Second street; thence to a connection with the sewer in Schuyler street.

East Twentieth street, from East Washington street to a connection with the sewer in Belmont street.

Belmont street, from 30 feet west of East Thirty-second street to a connection with the sewer in East Thirty-first street.

Vancouver avenue, from 100 feet north of Hancock street to a connection with the sewer in Wheeler street.

Macadam street, from 80 feet south of Gibbs street to a connection with the Woods street gulch sewer.

First street, from 80 feet south of Whitaker street to a connection with the Woods street gulch sewer.

Vancouver avenue, from 100 feet north of Hancock street to a point 200 feet south of Tillamook street.

East Twelfth street, from the north line of East Alder street to a connection with the sewer in Hawthorne avenue.

East Alder street, from the west line of East Fourteenth street to a connection with the sewer in East Twelfth street.

East Morrison street, from 75 feet east of East Fourteenth street to a connection with the sewer in East Twelfth street.

Belmont street, from 75 feet east of East Fourteenth street to a connection with the sewer in East Twelfth street.

Pacific street, from 75 feet east of East Eighth street to a connection with the sewer in Grand avenue.

Rodney avenue, from 125 feet north of Sellwood street to Stanton street; thence in Stanton street to a connection with the sewer in Williams avenue.

East Eighth street, from Broadway to a connection with the sewer in Stanton street.

Eugene street, from 125 feet east of Union avenue to East Seventh street; thence to a connection with the sewer in Hancock street.

East Twelfth street, from East Washington street to East Alder street.

East Eleventh street, from Division street to a connection with the sewer in Hawthorne avenue.

East Salmon street, from East Twenty-third street to a connection with the sewer in East Fourteenth street.

General plan for the Irvington sewer district.

#### SEWERS.

During the past year there has been constructed 22,128 lineal feet of sewer at a total cost of \$16,793.11, while during the year 1894 there was constructed 17,368 lineal feet of sewer at a total cost of \$21,195.31; an increase in the length of sewers constructed of 4760 feet and a decrease in cost of \$4,402.20.

This difference is owing to low prices of labor and materials and sharp competition in bidding.

The quality of material and workmanship has been equal, if not superior, to any heretofore performed in this city.

Numerous repairs have been made to various sewers throughout the city where stoppages have occurred, but no extensive work has been necessary to any one sewer during the year.

The sewerage system of the city at present consists of 70.45 miles of pipe sewers varying in diameter from 8 to 24 inches; 10 miles of brick and stone sewers varying in diameter from 24 to 84 inches, and .34 miles of

wooden box sewers, connected with which are 1467 catch basins for carrying off the storm water.

This immense extent of sewers requires a special force cleaning catch basins and removing obstructions, so as to keep the sewer in proper condition to readily remove all sewerage and surface water. Notwithstanding the utmost vigilance, a sewer will occasionally get clogged. In the past this has been the case more especially at the heads of the large brick sewers in Tanner and Johnson creeks, where, during exceedingly heavy rains, a large amount of debris is carried down the streams emptying into these conduits, and despite all efforts of men placed to keep the gratings clear, logs, brush and rocks have piled up faster than they could be removed, forming a dam and turning the water down the highways. While the amount of damage has generally been slight, it is a matter of regret, although unavoidable, that such annoying disasters should occur. Extra precautions have been taken to prevent a recurrence of this trouble by constructing extra gratings and removing as far as possible all logs and loose material from the creek beds for a long distance above the heads of the sewers.

During the year 19 new catch basins have been built to connect with sewers previously constructed; the expense being paid out of the General fund. They are located as follows:

- 1 catch basin at First and Arthur streets.
- 1 catch basin at Fourth and Washington streets.
- 1 catch basin at Twenty-first and Hoyt streets.
- 1 catch basin at Twenty-fifth and Savier streets.
- 1 catch basin at St. Clair and Jefferson streets.
- 1 catch basin at Ford and Jefferson streets.
- 1 catch basin at Seventh and Johnson streets.
- 1 catch basin at Sixth and Johnson streets.
- 1 catch basin at Sixth and Irving streets.
- 1 catch basin at Hood and Lincoln streets.
- 1 catch basin at Eighteenth and Thurman streets.
- 2 catch basins at Stanton and Commercial streets.
- 2 catch basins at Hancock and Union avenue.
- 1 catch basin at Twenty-second and Lovejoy streets.
- 1 catch basin at Twenty-second and Marshall streets.
- 2 catch basins at Twenty-first and X streets.

The following tabulated statement shows the location, size, cost, etc., of each sewer constructed during the year:

SEWERS CONSTRUCTED IN 1895.

No.	LOCATION.	Mate	Size in in.	Length in feet.	Date of Acceptance	Name of Con'r.	Cost.
9033	E. 35th st. n. l. of E. Morrison to E. Yamhill st.	T. C.	12	538	Feb. 13, '95	Oregon Pottery Co	\$ 408 45
9065	E. 15th st. 100 ft. n. of E. Morrison to E. Taylor st.	"	12	896	Feb. 26, '95	"	593 30
9107	E. Alder st. 20 ft. w. of E. 9th to E. 7th st.	"	12	506	Apr. 10, '95	P. H. Frainey	421 20
9204	Union ave. 80 ft. n. of F. Stark to E. Alder st.	"	10	616	May 27, '95	B. S. Reilly	539 20
9214	E. Morrison st. 80 ft. E. of E. 18th to E. 16th st.	"	10	644	June 9, '95	Oregon Pottery Co	375 78
9282	E. Taylor st. w. l. of E. 26th to E. 19th st.	"	12	1902	July 9, '95	"	1046 78
9293	San Rafael st. 175 ft. w. of Rodney to Williams ave.	"	10	462	July 29, '95	"	201 85
9294	Williams ave. s. l. of Page to 50 ft. s. of San Rafael st.	"	10	962	July 29, '95	"	583 40
9295	Sellwood st. w. l. of E. 7th st. to Union ave.	"	8	745	July 29, '95	B. S. Reilly	271 20
9296	Hood st. 80 ft. s. of Gibbs st. to Woods st.	"	10	686	July 29, '95	Oregon Pottery Co	404 85
9297	E. Clay st. 80 ft. e. of Union ave. to Willamette river.	"	10-12	1374	Sept. 24, '95	"	934 00
9324	F. Third st. 42 ft. n. of s. line of Hancock to Schnuyler st.	"	10	285	Aug. 14, '95	"	188 75
9325	Crosby st. 50 ft. s. of Halsey st. to Holladay ave.	"	10	372	July 29, '95	John Keating	264 75
9408	Lovejoy st. 340 ft. n. of 20th to 10 ft. w. of 19th st.	"	10	850	Sept. 24, '95	Oregon Pottery Co	432 00
9409	E. 7th st. Hawthorne avenue and E. 9th st.	"	8-10-12	2146	Oct. 9, '95	"	1877 00
9410	Rodney ave. Hancock and E. 2nd st.	"	14-18-20	1590	Oct. 30, '95	"	987 50
9426	E. 20th st. 15 ft. n. of s. line of E. Washington to Belmont	"	10	752	Oct. 30, '95	B. S. Reilly	469 90
9444	Belmont st. 30 ft. w. of E. 32nd to E. 31st st.	"	10	338	Nov. 12, '95	Oregon Pottery Co	137 70
9445	Vancouver ave. 100 ft. n. of Hancock to Wheeler st.	"	10	1110	Oct. 30, '95	"	664 80
9446	Macadam st. 80 ft. s. of Gibbs to Woods st.	"	10	706	Nov. 12, '95	"	428 00
9447	First st. 80 ft. s. of Whitaker to Grover st.	"	10	644	Nov. 12, '95	"	385 20
9465	Vancouver avenue extension	"	10	200	Oct. 30, '95	H. G. Smith	94 00
9489	E. 12th st., E. Alder, E. Morrison and Belmont sts.	"	10-16 18-22-24	3804	Dec. 12, '95	Oregon Pottery Co	5083 50
Total				22128			16793 11

The diameter, length, location and material of the various sewers now constructed is shown in the following table:

Dia. in inches	Length in feet	Location	Material
84x60	3984	Tanner Creek	Brick
81x54	1756	" "	"
72	5101	" "	Brick and Stone
72x48	3079	Johnson Creek	" "
66x44	1820	" "	" "
40x60	3808	" "	" "
30x45	748	17th, Market and Chapman	Brick
24x36	597	" " "	"
30x45	1000	Marquam Gulch	"
30x45	756	" "	Brick and Stone
36x48	1220	" "	Wood box
24x24	727	Mill street	" "
24	2535	Lovejoy street	Brick and Stone
30	503	Chapman street	" "
24	673	" "	" "
60	1010	Thomas Creek	" "
48	1136	" "	" "
36	2124	" "	" "
54	930	Holladay avenue	" "
52	520	" "	" "
42	780	" "	" "
42	790	" "	Brick
40	260	" "	"
38	260	" "	"
36	260	" "	"
34	260	" "	"
48	662	East Oak street	Brick and Stone
40	290	" "	" "
38	255	East Third street	" "
36	265	" "	" "
34	220	" "	" "
30	300	" "	" "
28	490	" "	" "
32	400	Sunnyside	" "
34	360	"	" "
36	857	"	" "
38	330	"	" "
40	1114	"	" "
42	600	"	" "

Dia. in inches	Length in feet	Location	Material
44	260	Sunnyside	Brick and Stone
46	2653	"	" "
48	1000	"	" "
50	359	"	" "
52	260	"	" "
72	520	"	" "
74	140	"	" "
76	1600	"	" "
78	162	"	" "
80	1069	"	" "
82	260	"	" "
84	1560	"	" "
30	1089	Wood Street Gulch	" "
24	881	" " "	" "

54593—10.34 miles—Total length of Brick, Stone and Wood box sewers.

Dia. in inches	Length in feet	Material
24	10187	Terra Cotta
22	3735	" "
20	5603	" "
18	9708	" "
16	19713	" "
15	20144	" "
14	43311	" "
12	138268	" "
10	59101	" "
9	45034	" "
8	17168	" "

371972—70.45 miles—Total length of Terra Cotta sewers.

54593—10.34 miles—Total length of Brick, Stone and Wood box sewers.

426565—80.79 miles—Total length of all sewers constructed up to January 1, 1896.

CITY PARK.

The principal work done at the City Park, outside of the regular attention given to beautifying the previously improved portion, has been in making changes, rendered necessary by the construction of the reservoirs. The principal changes, which was in the re-location of walks, drives and

buildings, are now about completed. New buildings have been erected and improvements made as follows:

Stable for horses, wagon shed, two animal cages, 8 acres sown to grass, 200 trees and shrubs planted, 5000 square feet of flower beds set out and cultivated, 10,000 cubic yards of earth moved, 1000 feet of new walk, 1500 feet of carriage drives, 1200 feet of concrete gutter laid, 400 feet of cedar hedge set out, 500 feet of board fence, three swings for children, 50 rustic seats and repairs made to old seats, interior of owl castle fitted, 1200 feet of water pipe laid, 200 feet of sewer.

Cast iron posts and chains have been put around the Chapman and Lowndsdales Squares and iron seats placed therein.

The following is a list of animals now in the City Park:

1 Kangaroo	7 Raccoons
5 Monkeys	3 Wildcats
2 Badgers	35 rabbits
12 Angora hares	2 Wolves
2 Mountain lions	3 Coyotes
4 Skunks	4 Foxes
4 Bears	2 Parrots
2 Cockatoes	1 Crow
1 drumming pigeon	1 Paroquet
1 Cockateel	50 Canaries
1 Java Sparrow	1 Pea fowl
6 Bantams	7 Owls.
5 Chicken hawks	5 Bird hawks
5 China pheasants	2 Alligators
60 Pigeons	2 Swans
3 Ducks	3 Geese
4 Mandarin ducks	12 Quails
3 Wild ducks	1 Seal
4 Quinea pigs	10 Deer
5 Elk	3 Horses

#### ELECTRIC LIGHTS.

At this date the City is lighted by 638 arc lamps of 2000 candle power and 695 incandescent lamps of 25 candle power; an increase of 15 arc lamps and a decrease of 1 incandescent lamp during the year.

All that portion of the city lying on the east side of the river is lighted by 335 arc and 14 incandescent lamps and that portion of the city on the west side of the river by 303 arc and 681 incandescent lamps.

On the 1st day of April, 1895, the city entered into a new contract for a period of two years with the Portland General Electric Co., whereby the city agreed to pay \$8.62½ cents per month for each incandescent lamp in use for street lighting purposes on said date and \$8.00 per month for each additional arc lamp, and \$1.50 per month for each additional incandescent lamp, in excess of the number of lamps in use at that time; each lamp to be kept burning from "twilight at day to daylight the following morning." As a result of this contract the city is now paying \$8.62½ per month for 627 arc lamps; \$8.00 per month for 11 arc lamps and \$1.72½ per month for 695 incandescent lamps.

The Police Department furnishes this office a daily report of all lamps not burning and length of time out, and deductions are made from the monthly bills for all such lights out so reported.

The service has been exceptionally good and the Electric Company has always been very prompt in remedying any defect.

The total cost of lighting the city for the past year has been 80,562.28.

Hereto is attached a list of property in my care and custody and belonging to the city. All of which is respectfully submitted.

H. D. GRADON,  
*Superintendent of Streets.*

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IN OFFICE.

2 gas permit books	2 building permit books
2 notice books to trim trees	3 notice books to fill holes
3 index books to cabinet	5 sewer record books
2 copy books	3 electric light books
4 scrap books	2 plumber record books
2 water permit books	4 maps of city, '84, '93 and '94
4 sewer permit books	7 inkstands
6 requisition books	3 flat rulers
7 sidewalk books (notice to repair)	1 record book of bridges



1 small T square	1 record book authorizations
3 steel erasers	1 feather duster
3 ink wells	2 draughting boards and trusses
2 triangular scales	2 small draughting boards
2 waste baskets	1 umbrella stand
1 letter press size "b"	2 patent rubber stamps
1 record of animals City Park	2 mucilage wells
1 walnut revolving chair	5 books (removing obstructions)
1 long table	1 rolltop desk
2 books of record plats	1 walnut cabinet
1 pair scissors	1 parallel rule
3 ash arm revolving chairs	2 straight edges
1 wardrobe	1 blue print frame
10 cane seat chairs	5 upholstered seat walnut chairs
3 bill clips	1 map case
1 book case	1 city directory
1 record of permits to move buildings	12 hasp files
1 slate ink slab	3 carpets
$\frac{1}{2}$ dozen wood scrolls	2 small tables
675 plans, etc.	1 ash desk
2 large rubber triangles	6 Shannon files
1 box rubber type	2 glass paper weights
2 iron paper weights	1 eyelet punch
6 letter files	

## FOR REPAIRING STREETS AND SEWERS.

4 blocks and tackles	5 sewer buckets
3 large saws	2 jack screw bars
3 augers	1 dolly roller
1 cant hook	1 road scraper
15 shovels (old)	1 snatch block
12 picks (old)	2 monkey wrenches
1 hand axe	1 hammer
1 iron bucket	1 lock
100 feet $\frac{1}{2}$ inch rope	2 cross cut saws
6 lanterns	6 crow bars
2 axes	1 paving hammer
1 grindstone	2 mattocks
4 wood buckets	1 steel square
6 pike poles	150 feet hose
4 horses	8 cold chisels
2 sets double harness	1 steam road roller, 15 tons
1 goose neck wagon	1 horse road roller, 5 tons

1 rock wagon	4 horse covers
16 jack screws	1 hand saw
2 sledges	2 scoop shovels
1 nozzle	2 sewer drags
5 windlasses	1 pair shafts
2 wheel barrows	

## TOOLS AT CITY PARK.

14 grubbing hoes	3 hooks
16 shovels	20 wheel barrows
4 garden forkes	150 feet fire hose
7 sledge hammers	20 padlocks
5 axes	1 hay cutter
900 feet hose in good condition	1 grindstone
400 feet hose in bad condition	1 set double harness
2 mowers	2 sets cart harness
12 lawn sprinklers	1 curry comb
2 hoes	2 brushes
4 sickles	1 block and tackle
80 feet rope	1 hand pump
1 wagon	2 carts
1 sprinkling wagon	3 horse covers
8 picks	1 spade
1 crow bar	3 scythes
2 wedges	2 watering cans
1 cross cut saw	2 augers
2 iron rakes	

## TOOLS AT PUMPING STATION

1 48x12 cylinder boiler and fixtures, 40 horse power	½ set 24 in. grate bars on hand
2 pipe cutters, 1x2	1 10x6x10 Worthington duplex steam pump and fixtures
1 drill ratchet	1 4 in. bench vise
1 scoop shovel	25 feet ½ in. hose and nozzle
1 engine regulator	1 21 in. monkey wrench
1 8 in. monkey wrench	1 socket wrench
1 2½ in. pipe die stock	8 pipe dies, ¼, ⅜, ½, ¾, 1, 1¼, 1½, 2½ and 3 in.
1 stilson wrench	75 ft. 1½ in. hose and nozzle
1 flue auger	1 feeder oil can
1 squirt oil can	1 fire hoe
1 broom	1 3½ in. pipe die stock
1 1¼ in. square rammer	



# CITY SURVEYOR'S REPORT.

CITY SURVEYOR'S OFFICE,  
PORTLAND, OREGON, January 4, 1896. }

*To the Honorable Mayor and Common Council of the City of Portland:*

GENTLEMEN:—I herewith submit for your consideration the annual report of the City Surveyor for the year ending December 31, 1895, as provided by section 4, Ordinance No. 1410, containing tabulated statements of street and sewer work estimated and done, street extension surveys, and work done by permits issued by the Superintendent of Streets, also a tabulated statement of the sewers constructed for each year from 1875 (the date of the first sewer constructed) to date, and a statement of the length in lineal feet and miles of the different kinds of pavements, sidewalks and crosswalks.

While there has been quite a falling off in street improvement work owing to the stringency of the times, the sewers constructed during the year of 1895 exceeds that of the previous year by 7374 lineal feet. For each sewer constructed this department is called upon to make at least three surveys. First, levels of the center line of the proposed sewer for the Superintendent of Streets to draw his plans and establish the grade, and frequently surveys and levels are necessary of the adjoining territory to enable an accurate calculation of the sizes of the sewer or sewers to be constructed. Second, a survey defining the center line and grade of said sewer. Third, after the sewer is constructed testing the grade of the same.

Aside from the ordinary detail work connected with this department in the office and the field, we have been engaged in placing at odd times street monuments in different portions of the city defining the center lines of streets; in the northern portion of the city, on the west side of the river, some 52 monuments were established and an ordinance adopting the same was passed by your honorable body. On the east side of the river street monuments have been set embracing nearly all of the improved portions. The value of these monuments can only be appreciated by surveyors who have occasion to use them in surveying some lot or block, or by some property owner who desires to construct an expensive structure, and this department in making surveys for street and sewer improvements. Prior to the location of these monuments the surveyors were governed by original stakes, fences, buildings, and any other obtainable data. Stakes decay and rot out, or are pulled up or knocked down in one way or another, fences are oftimes set carelessly and even buildings, and surveys made from them

as a starting point are generally unsatisfactory and lack precision. Our courts hold: "that purchasers of town lots have the right to locate them according to the stakes which they find planted and recognized, and no subsequent survey can be allowed to unsettle them;" how necessary is it then for the surveyor with proper authority when many of these stakes are still standing as originally located to place some permanent monuments of iron or stone so that the position of these original stakes may at any time in the future be determined with accuracy. However, street monuments so placed are of little benefit to property owners, or any one else, (except perhaps the surveyor who set them) without they be recognized by the public as official and to make them official in the case of the city, I am of the opinion that they should be adopted by the city by ordinance. A large number of monuments have been set in the central portion of the city on the west side of the river, between Hall street and Ankeny street, in some locations more than is necessary; several ordinances have been passed by the Common Council authorizing the setting of these monuments, generally leaving it discretionary with the City Surveyor as to their location. The only record showing their location is in this office and many of the monuments are marked on the record as doubtful, not reliable, etc. I am inclined to believe that they were originally set accurately, and in the proper place, and that they have become unreliable and doubtful by reason of the monument settling to one side from one cause or another; some have been dug out during the progress of street improvements and replaced by the contractors, no care being exercised to retain their original location. These monuments should be corrected and to make them official an ordinance passed by the Common Council adopting the same and defining the districts which they are intended to govern. Owing to the absolute necessity of economy in the administration of the city government, the correction of these monuments will necessarily have to be postponed to some future time, the work requiring a large amount of tedious measuring and transit work, and the location of all of the expensive buildings and structures to avoid complications; yet, being in the business portion of the city it is hazardous for a property owner to construct an expensive building without challenging trouble with his neighbor.

The atlas map which we have had under the course of construction for some time, now embraces nearly the whole city; the general reference to it by the public and the different departments of the city, I feel, warranted the time and labor expended on it.

Thanking your honorable body for the many courtesies extended,

I remain,

T. M. HURLBURT,

*City Surveyor.*



## SEWER WORK ESTIMATED DURING 1895.

Number	Name of Sewer	Extent of Sewer
1	E. Alder st.	From 20 ft. w. of E. 9th st. to sewer in E. 7th st.
2	Union ave.	80 ft. n. of E. Stark st. to sewer in E. Alder st.
3	Crosby st.	80 ft. n. of Halsey st. to sewer in Holladay ave.
4	E. Morrison st.	80 ft. e. of E. 18th st. to sewer in E. 16th st.
5	E. Taylor st.	W. line of E. 26th st. to sewer in E. 19th st.
6	San Rafael st.	175 ft. w. of Rodney ave. to sewer in Williams ave.
7	Williams ave.	Page st. to sewer in Williams ave.
8	Sellwood st.	W. l. of E. 7th st. to sewer in Union ave.
9	Hood st.	80 ft. s. of Gibbs st. to sewer in Wood st. Gulch.
10	E. Clay st.	80 ft. e. of Union ave. to Willamette river.
11	E. Third st.	40 ft. n. of Hancock st. to sewer in Schuyler st.
12	Crosby st.	50 ft. n. of Halsey st. to sewer in Holladay ave.
13	Lovejoy st.	340 ft. w. of 20th st. to sewer in Lovejoy st.
14	E. 7th and E. 9th sts.	N. line of Lincoln st. to sewer in E. 9th st.
15	Rodney ave. and E. 2nd	S. line of Sacramento st. to sewer in Schuyler st.
16	E. 20th st.	15 ft. s. of E. Washington st. to sewer in Belmont.
17	Belmont st.	30 ft. w. of E. 32nd st. to Sunnyside sewer.
18	Vancouver ave.	100 ft. n. of Hancock st. to sewer in Wheeler st.
19	Macadam st.	80 ft. s. of Gibbs st. to Wood st. Gulch sewer.
20	First st.	80 ft. s. of Whitaker st. to sewer in Grover st.
21	Vancouver ave.	200 ft. s. of Tillamook to 100 ft. n. of Hancock st.
22	E. 12th et. al. sts.	To sewer in Hawthorne ave.
23	Pacific st.	75 ft. e. of E. 8th st. to sewer in Grand ave.
24	Rodney ave and Stanton	125 ft. n. of Sellwood st. to Williams ave.
25	E. 8th st.	N. line of Broadway to sewer in Hancock st.
26	E. 7th and Eugene sts.	125 ft. E. of Union ave. to sewer in Hancock st.
27	E. 12th st.	S. l. of E. Washington st. to sewer in E. 12th st.
28	E. 11th st.	N. line of Division st. to sewer in Hawthorne ave.
	Total	

SEWER WORK ESTIMATED DURING 1895.

Date of Estimate	No. of Ordinance	Lineal Feet Terra Cotta Pipe.							
		24 inch.	22 inch	20 inch	18 inch	16 inch	14 inch	12 inch	
February	2	9107						446	
April	11	9204							
"	23	9215							
"	23	9214							
May	28	9282						1612	
June	12	9293							
"	12	9294							
"	12	9295							
"	12	9296							
"	12	9297						454	
"	25	9324							
"	25	9325							
August	29	9408							
"	29	9409			96	234	440	436	
"	29	9410						787	
Sept.	10	9426							
"	24	9444							
"	24	9445							
"	24	9446							
"	24	9447							
October	8	9465							
"	26	9489	248	436		436	656		
November	12	9501							
December	9	9532							
"	9	9533							
"	9	9534			668				
"	9	9549					168		
"	26	9576			480	658	654	218	
			248	436	1244	1328	1310	826	3735





SEWER WORK ESTIMATED DURING 1895—Continued.

“Y” Branches Terra Cotta Pipe.

24x10	22x10	18x16	18x10	16x10	14x10	12x10	10x10	20x18	20x10	24x 8
.	.	.	.	.	.	1	.	.	.	.
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.	.	.	.	.	.	.	2	.	4	.
.	.	.	1	3	1	.	.	.	.	.
1	2	1	5	7	3	5	15	1	5	1

## SEWER WORK ESTIMATED DURING 1895—Continued.

Number	Name of Sewer	"Y" Branches Terra Cotta Pipe.															
		22x20	16x 8	14x 8	12x 8	10x 8	8x 8	24x 6	22x 6	20x 6	18x 6	16x 6	14x 6				
1	E. Alder st.																
2	Union ave					1											
3	Crosby st					2											
4	E. Morrison st					2											
5	E. Taylor st																
6	San Rafael st.																
7	Williams ave.					2											
8	Sellwood st.																
9	Hood st																
10	E. Clay st.					2											
12	E. Third st																
12	Crosby st.																
13	Lovejoy st																
14	E. 7th and E. 9th sts.																
15	Rodney ave. and E. 2nd				1	2						3	20				38
16	E. 20th st					1											
17	Belmont st																
18	Vancouver ave					2											
19	Macadam st					2											
20	First st					2											
21	Vancouver ave																
22	E. 12th et. al sts		2			3			16	40			40				56
23	Pacific st.					4											
24	Rodney ave. and Stanton																
25	E. 8th st.								11								
26	E. 7th and Eugene sts	1										62					
27	E. 12th st.			1													16
28	E. 11th st											40	60	60	60	20	20
	Total	1	2	1	1	25	1	16	40	105	120	116	74				

SEWER WORK ESTIMATED DURING 1895—Continued.

"Y" Branches Terra Cotta Pipe.			Cu. Yds. Exc. and Refilling		Number of						
12x 6	10x 6	8x 6	Earth	Gravel	Man-holes	Comb Man's & Catch basins	Round cor. blk	Con-crete corner	Lamp Holes	Catch Basins	
30			428	20	1						
	48		283	187	2		1			1	
	42		541		2		2			2	
	48		544		3		2			2	
144			1639		5	2		2			
	34		342		1						
	76		833			3		3			
		56	610		2						
	48		555	10		2		3			
30	66		597	344	3	2		2			
	20		237		2						
	26		300	70		1		1			
	68		673		2	1		1			
40	40	16	1526	484	1	8		9			
66	52		1798		2	4		4			
	40	16	639		4		1			1	
	25		288								
	71		525			2		2			
	48		606	4		2		2			
	44		460			2		2			
	16		158								
	134		3927		2	11		12			
	66		796			3		3	1		
	47	15	698			2		6	1		
		38	385			1		4	1		
	49		1394		1	4		9			
			259						1		
	22		2094	1200	5	5		11			
310	1130	141	23135	2319	38	55	6	76	4	6	

## STREET WORK ESTIMATED DURING 1895—(Under Ordinance)

Number	Name of Sewer	Extent of Improvement
1	Hamilton ave.	From e. l. of Corbett st. to w. l. of Macadam road.
2	Marshall st.	W. line of 16th st. to center line of 22d st.
3	Clinton st.	E. line of E. 21st to e. line of E. 36th st.
4	Gantenbein ave.	N. line Morris st. to South line Ivy st.
5	Kely st.	S. line of Hamilton ave. to n. l. of Seymour ave.
6	Hamilton ave.	E. line of Kelly st. to 210 ft. east therefrom.
7	Sixth st.	Center line of Irving to center line of Johnson st.
8	Johnson st.	W. line of 6th st. to e. line of 7th st.
9	Madison st.	W. line of Chapman to e. line of Stout st.
10	Nartilla st.	N. line of Jefferson st. to s. line of Main st.
11	E. Water st.	N. line of E. Oak st. to N. l. of Hawthorne ave.
12	Commercial st.	S. line Shaver st. to N. line Russell st.
13	E. First st.	Center line of Hancock st. to n. line Holladay ave.
14	Taylor st.	W. line of 2nd st. to e. line of Fourth st.
15	Couch st.	W. line of 1st st. to e. line of Sixth st.
16	Alley in blk 10 River'ew	E. line of Kirby st. to w. line of Commercial st.
17	Monroe st.	E. l. of Borthwick st. to w. line of Gantenbein ave.
18	Kirby st.	N. line Morris st. to s. line Fargo st.
19	E. Main st.	E. line E. Water to w. line of E. First st.
	Total	

STREET WORK ESTIMATED DURING 1895—(Under Ordinance)

Date of Estimate	No. of Ordinance	Cubic Yards			
		Excavati'n	Embank't	Gravel	Macadam
March 9	9128	1109	192	.	.
March 25	9181	1276	479	.	2114
April 23	9203	18052	4868	.	.
May 3	9243	4352	3820	.	.
July 9	9340	2777	616	.	.
July 9	9339	1855	.	.	325
August 27	9403	55	49	.	.
August 27	9404	20	36	.	.
September 25	9442	465	120	.	.
September 25	9443	31	291	.	.
October 8	9480	.	.	.	.
October 8	9477	12454	4526	.	.
November 12	9500	2641	78	2308	.
November 26	9531	.	.	.	285
December 10	9547	.	.	.	915
December 23	9574	525	.	.	.
December 23	9575	1974	2	.	.
December 23	9572	1587	.	.	.
December 23	9573	.	.	.	.
		49173	15068	2308	3639

## STREET WORK ESTIMATED DURING 1895—(Under Ordinance)—Cont'd

Number	Name of Street	Lineal Feet				
		Sidewalk	Crosswalk	Open Gutter	Box Gutter	Stone Gutter
1	Hamilton ave. . . . .	334	86	366	36	.
2	Marshall st. . . . .	2171	576	.	.	400
3	Clinton st . . . . .	.	.	.	.	.
4	Gantenbein ave. . . . .	1684	435	.	.	.
5	Kelly st . . . . .	918	.	.	.	.
6	Hamilton ave. . . . .	210	.	.	.	.
7	Sixth st. . . . .	.	.	.	.	.
8	Johnson st . . . . .	.	.	.	.	.
9	Madison st. . . . .	442	144	935	.	.
10	Nartilla st. . . . .	418	.	835	.	.
11	E. Water st. . . . .	.	.	.	.	.
12	Commercial st . . . . .	7346	1421	.	120	.
13	E. First st . . . . .	1097	918	.	.	732
14	Taylor st . . . . .	.	.	.	.	.
15	Couch st. . . . .	.	.	.	.	.
16	Alley in blk 10 Riverv'w	.	.	.	.	.
17	Monroe st. . . . .	746	108	.	.	.
18	Kirby st . . . . .	241	175	.	.	.
19	E. Main st . . . . .	.	.	.	.	.
	Total . . . . .	15607	3863	2136	156	1132

STREET WORK ESTIMATED DURING 1895—(Under Ordinance)—Con'd

LINEAL FEET—Continued						Square Feet		Lumber B. M.
Cement Curb	½ Bridge	½ Plank Roadway	Stone Block Pavement	Sidewalk Relay	Curb	Concrete	Asphalt	
				24				
					48			
246						5118	5118	
200						3600	3600	
					116			
	5678							92000
	400			100	170			
				12				
					48			
	400							
446	6478			136	382	8718	8718	92000



## SEWER WORK DONE DURING 1895.

Number	Name of Sewer	Extent of Sewer
1	E. 35th st . . . . .	N. 1. E. Morrison st. to sewer in E. Yamhill st. . . . .
2	E. 15th st . . . . .	100 ft. n. of E. Morrison to sewer in E. Taylor . . . . .
3	E. Alder st. . . . .	From 20 ft. w. of E. 9th st. to sewer in E. 7th st. . . . .
4	Union ave. . . . .	80 ft. n. of E. Stark st. to sewer in E. Alder st. . . . .
5	E. Morrison st . . . . .	80 ft. e. of E. 18th st. to sewer in E. 16th st. . . . .
6	E. Taylor st . . . . .	W. line of E. 26th st. to sewer in E. 19th st. . . . .
7	San Rafael st. . . . .	175 ft. w. of Rodney ave. to sewer in Williams ave. . . . .
8	Williams ave. . . . .	Page st. to sewer in Williams ave. . . . .
9	Sellwood st. . . . .	W. l. of E. 7th st. to sewer in Union ave. . . . .
10	Hood st . . . . .	80 ft. s. of Gibbs st. to sewer in Wood st. Gulch . . . . .
11	E. Clay st. . . . .	80 ft. e. of Union ave. to Willamette river . . . . .
12	E. Third st. . . . .	40 ft. n. of Hancock st. to sewer in Schuyler st . . . . .
13	Crosby st. . . . .	50 ft. n. of Halsey st. to sewer in Holladay ave . . . . .
14	Lovejoy st . . . . .	340 ft. w. of 20th st. to sewer in Lovejoy st. . . . .
15	E. 7th and E. 9th sts. . . . .	N. line of Lincoln st. to sewer in E. 9th st. . . . .
16	Rodney ave. and E. 2nd . . . . .	S. line of Sacramento st. to sewer in Schuyler st . . . . .
17	E. 20th st. . . . .	15 ft. s. of E. Washington st. to sewer in Belmont . . . . .
18	Belmont st. . . . .	30 ft. w. of E. 32nd st. to Sunnyside sewer . . . . .
19	Vancouver ave . . . . .	100 ft. n. of Hancock st. to sewer in Wheeler st. . . . .
20	Macadam st . . . . .	80 ft. s. of Gibbs st. to Wood st. Gulch sewer . . . . .
21	First st . . . . .	80 ft. s. of Whitaker st. to sewer in Grover st . . . . .
22	Vancouver ave . . . . .	200 ft. s. of Tillamook to 100 ft. n. of Hancock st . . . . .
23	E. 12th et. al. sts . . . . .	To sewer in Hawthorne ave . . . . .
	Total . . . . .	

SEWER WORK DONE DURING 1895.

Date of Estimate	No. of Ordinance	Lineal Feet Terra Cotta Pipe.						
		24 inch	22 inch	20 inch	18 inch	16 inch	14 inch	12 inch
Dec. 3, 94	9033							446
" 26, 94	9065							726
Feb. 2, 95	9107							446
April 11	9204							
" 23	9214							
May 28	9282							1612
June 12	9293							
" 12	9294							
" 12	9295							
" 12	9296							
" 12	9297							454
" 25	9324							
" 25	9325							
August 29	9408							
" 29	9409			96	234		440	436
" 29	9410							787
Sept. 10	9426							
" 24	9444							
" 24	9445							
" 24	9446							
" 24	9447							
October 8	9465							
" 26	9489							
		248	436	96	436	656	440	4907

## SEWER WORK DONE DURING 1895--Continued.

Number	Name of Sewer	Lineal Feet Terra Cotta Pipe.			Box and Trestle	1/8 Bends	Elbows		
		10 inch	8 inch	For Catch'ns 10 in 8 in.			8 inch	10 inch	8 inch
1	E. 35th st . . . . .			62					
2	E. 15th st . . . . .			30					
3	E. Alder st . . . . .				222				
4	Union ave . . . . .	518		32	220				
5	E. Morrison st . . . . .	542		64					
6	E. Taylor st . . . . .			80				6	
7	San Rafael st. . . . .	394							
8	Williams ave . . . . .	802	20	120	8		6	3	
9	Sellwood st . . . . .		633						
10	Hood st . . . . .	586		11	102		4	3	
11	E. Clay st . . . . .	720		14	16	24	4	2	
12	E. Third st. . . . .	245							
13	Crosby st . . . . .	318		8	28		2	1	
14	Lovejoy st . . . . .	712		6	6		2	1	
15	E. 7th and E. 9th sts. . . . .	436	168	48	95		17	8	
16	Rodney ave and E. 2nd	553		28	24		8	4	
17	E. 20th st . . . . .	455	183		26				
18	Belmont st . . . . .	288							
19	Vancouver ave . . . . .	964		24	271			6	
20	Macadam st . . . . .	696		24				6	
21	First st . . . . .	552		72				6	
22	Vancouver ave . . . . .	168							
23	E. 12th et. al. sts . . . . .	1426		42	141	3	12	22	
	Total . . . . .	10285	984	178	946	745	3	55	68

SEWER WORK DONE DURING 1895—Continued.

"Y" Branches Terra Cotta Pipe.

24x10	22x10	18x16	18x10	16x10	14x10	12x10	10x10	20x18	20x10	24x 8
.	.	.	.	.	.	.	.	.	.	.
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1	2	.	2	4	.	.	.	.	.	1
1	2	1	4	4	2	5	11	1	1	1

## SEWER WORK DONE DURING 1895—Continued.

Number	Name of Sewer	"Y" Branches Terra Cotta Pipe.											
		22x20	16x 8	14x 8	12x 8	10x 8	8x 8	24x 6	22x 6	20x 6	18x 6	16x 6	14x 6
1	E. 35th st.												
2	E. 15th st.				3								
3	E. Alder st.												
4	Union ave.					1							
5	E. Morrison st.					2							
6	E. Taylor st.												
7	San Rafael st.												
8	Williams ave.					2							
9	Sellwood st.												
10	Hood st.												
12	E. Clay st.					2							
12	E. Third st.												
13	Crosby st.												
14	Lovejoy st.												
15	E. 7th and E. 9th sts.				1				3	20		38	
16	Rodney ave. and E. 2nd					2							
17	E. 20th st.					1							
18	Belmont st.												
19	Vancouver ave.					2							
20	Macadam st.					2							
21	First st.					2							
22	Vancouver ave.												
23	E. 12th et. al. sts.		2			3	16	40		40		56	
	Total		2	1	1	19	16	40	3	60		56	38

SEWER WORK DONE DURING 1895—Continued.

"Y" Branches Terra Cotta Pipe.			Cu. Yds. Exc. and Refilling		Number of					
12x 6	10x 6	8x 6	Earth	Gravel	Man-holes	Comb Man'ls & Catch basins	Round cor. blk	Con-crete corner	S Traps	Catch Basins
42			551		2		4		4	4
82			928		4		3		3	3
30			428	20	1					
	48		283	187	2		1			1
	48		544		3		2			2
144			1639		5	2		2		
	34		342		1					
	76		833			3		3		
		56	610		2					
	48		555	10		2		3		
30	66		597	344	3	2		2		
	20		237		2					
	26		300	70		1		1		
	68		673		2	1		1		
40	40	16	1526	484	1	8		9		
66	52		1798		2	4		4		
	40	16	639		4		1			1
	25		288							
	71		525			2		2		
	48		606	4		2		2		
	44		460			2		2		
	16		158							
	134		3927		2	11		12		
434	904	88	18447	1119	36	40	11	43	7	11

## STREET WORK DONE IN 1895--(Under Ordinance)

Number	Name of Street	Extent of Improvement
1	Fremont st . . . . .	From e. l. Cleveland ave. to e. l. Albina Homestead add
2	Grand ave . . . . .	N. line of Burnside st. to north line E. Stark st . . .
3	Union ave . . . . .	N. line Russell st. to south line Weidler st . . . . .
4	Columbia street . . . . .	E. line First st. to 200 feet east of Front street . . .
5	Third street . . . . .	N. line of Main st. to north line Columbia street . . .
6	Hamilton street . . . . .	E. line of Kelly st. to west line Macadam st . . . . .
7	Marshall street . . . . .	W. line of 16th st. to center line of 22d st . . . . .
8	Clinton street . . . . .	E. line of E. 21st st. to east line of E. 36th st . . . .
9	Gantenbein ave . . . . .	N. line of Morris st. to south line of Ivy st . . . . .
10	Kelly street . . . . .	S. line of Hamilton ave. to north line Seymour ave.
11	Sixth street . . . . .	Center of Irving st. to center of Johnson st . . . . .
12	Johnson street . . . . .	W. line of 6th st. to east line of 7th st . . . . .
13	Madison street . . . . .	W. line of Chapman st. to east line of Stout st . . . .
14	Nartilla street . . . . .	N. line of Jefferson st. to south line of Main st . . . .
15	East Water street . . . . .	N. line of E. Oak st. to north line of Hawthorne ave
16	Commercial street . . . . .	S. line of Shaver st. to north line Russell st . . . . .
	Total . . . . .	

STREET WORK DONE IN 1895—(Under Ordinance)

Date of Estimate	No. of Ordinance	Cubic Yards			
		Excavati'n	Embank't	Gravel	Macadam
October 8	8977	386			
November 27	9041	1116	513		
December 24	9063	1117	398		
December 26	9062	40		245	
December 26	9061	30		291	
March 9	9128	1109	192		
March 25	9181	1276	470		2114
April 23	9203	18052	4868		
May 3	9243	4352	3820		
July 9	9340	2777	616		
August 27	9403	55	49		
August 27	9404	20	36		
September 25	9442	465	120		
September 25	9443	31	291		
October 8	9480				
October 8	9477	9384	1336		
		40210	12709		2650



## STREET WORK DONE IN 1895—(Under Ordinance)—Continued

Number	Name of Street	Lineal Feet				
		Sidewalk	Crosswalk	Open Gutter	Box Gutter	Stone Gutter
1	Fremont street	153				
2	Grand ave	1260				
3	Union ave	3126			100	
4	Columbia street					
5	Third street		125			
6	Hamilton street	334	86	366	36	
7	Marshall street	2171	576			400
8	Clinton street					
9	Gantenbein ave	1684	435			
10	Kelly street	918				
11	Sixth street					
12	Johnson street					
13	Madison street	442	144	935		
14	Nartilla street	418		835		
15	East Water street					
16	Commercial street	2315	687			
	Total	12857	2053	2136	136	400

STREET WORK DONE IN 1895—(Under Ordinance)—Continued

Lineal Feet—Continued					Square Feet		Lumber B. M.	
Cement Curb	½ Bridge	½ Plank Roadway	Stone Block Pavement	Sidewalk Relay	Curb	Concrete		Asphalt
	742	1832						100000
		4506		758				
				24	500			
					48			
246						5118	5118	
200						3600	3600	
					116			
	2590							141000
446	3332	6338		782	664	8718	8718	241000

## STREET EXTENSION SURVEYS IN 1895.

Number	Name of Streets	Length of Survey in Miles	Date of Survey		Area in Square Feet Appropriated
1	East Twenty-eighth street .	0.67	April	2	211500
2	Twenty-sixth street . . . . .	0.013	April	8	4203
3	East Harrison street . . . . .	0.5	April	23	158400
4	East Ankeny street . . . . .	0.3	August	12	92140
5	Corbett street . . . . .	0.75	September	23	239940
6	Tillamook street . . . . .	0.3	November	14	89220
		2.533			795403

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STREET EXTENSION SURVEYS IN 1895—Continued

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DESCRIPTION OF SURVEY

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From the north line of East Stark street to the south line of Sandy Road.  
From the north line of the D. Balch D. L. C. to the north line of Thurman street.  
From the w. line of Seldon Murray D. L. C. east to the center of said Murray claim  
From East Twenty-fourth street to Goodsell avenue.  
From the south line of Portland Homestead to the north line of Southern Portland.  
From the west line of blocks 37-38, Albina, westerly to the east line of Albina Ave.

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LENGTH AND INTERIOR DIAMETER OF SEWERS  
LAI'D TO JAN. 1, 1896, IN DIFFERENT YEARS, CITY OF PORTLAND  
(BY ORDINANCE.)

YEAR.	CIRCULAR SEWER										
	84 inch	82 inch	80 inch	78 inch	76 inch	74 inch	72 inch	60 inch	54 inch	52 inch	50 inch
1875											
1876											
1877											
1878							100				
1879											
1880											
1881											
1882											
1883											
1884											
1885											
1886											
1887							307				
1888											
1889											
1890											
Previous to July 1, '91 in district annexed by consolidation.											
1891							3600				
1892	200				400		769	1010	930	520	
1893	1360	260	1069	162	1200	140	520			260	359
1894							325				
1895											
Total	1560	260	1069	162	1600	140	5621	1010	930	780	359

LENGTH AND INTERIOR DIAMETER OF SEWERS  
LAI D TO JAN. 1, 1896, IN DIFFERENT YEARS, CITY OF PORTLAND  
(BY ORDINANCE.)

CIRCULAR SEWER											OVAL SEWER				
48 inch	46 inch	44 inch	42 inch	40 inch	38 inch	36 inch	34 inch	32 inch	30 inch	28 inch	24 inch	60x84 inch	54x81 inch	48x72 inch	44x66 inch
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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.	.	.	.	.	.	.	.	.	.	.	.	3984	.	.	.
.	.	.	.	.	.	.	.	.	.	.	.	.	1756	3079	.
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1820
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1798	.	.	1570	550	515	2644	480	.	803	490	1070	.	.	.	.
1000	2653	260	603	1114	330	857	360	.	1089	.	2346	.	.	.	.
.	.	.	.	.	.	.	.	400	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2798	2653	260	2173	1664	845	3501	840	400	1892	490	4089	3984	1756	3079	1820

LENGTH AND INTERIOR DIAMETER OF SEWERS  
LAI'D TO JAN. 1, 1896, IN DIFFERENT YEARS, CITY OF PORTLAND  
(BY ORDINANCE).—Continued

YEAR.	OVAL SEWER			Wooden Sewer		Terra Cotta Pipe Sewer		
	40x60 inch	30x45 inch	24x36 inch	36x48 inch	24x24 inch	24 inch	22 inch	20 inch
1875								
1876								
1877								
1878								
1879								
1880								
1881								
1882								
1883								
1884								
1885					727		840	1240
1886								
1887								
1888		1000		1220		564		265
1889	3808	748	597					
1890								
Previous to July 1, '91 in district annexed by consolidation.							1335	
1891								
1892		756				3640		
1893						5699	1040	2740
1894								1254
1895						284	520	104
Total	3808	2504	597	1220	727	10187	3735	5603

LENGTH AND INTERIOR DIAMETER OF SEWERS  
 LAID TO JAN. 1, 1896, IN DIFFERENT YEARS, CITY OF PORTLAND  
 (BY ORDINANCE).—Continued

Terra Cotta Pipe Sewer—Continued								Total Linear Feet	TOTAL LENGTH IN MILES
18 inch	16 inch	15 inch	14 inch	12 inch	10 inch	9 inch	8 inch		
				270		111		381	
				430		710		1140	
		3356		2739	1540	344		8079	
	757	1022		1959	72			3810	
		4169		10327		362		14858	
		5820		17845		2879		26544	
		2634		8030		863		11527	
1410		2040		2240		8015		13705	
				1461		2772		4233	
1600						7792	293	12492	
					3601	7768		15660	
	265	820	2215	10222	1830	5360		23761	
		283	7358	16876	4056	3826	600	42987	
308			7482	5905	2641	2189	260	20605	
2640			1620	8020	2780		1580	17975	
1356	3160		2051	14593	2310	2043	214	30397	
552	12213		12896	19046	9593		7600	79648	
780	2288		7327	8595	13480		3988	61879	
270	250		1842	3909	5045		1473	14768	
792	780		520	5801	12153		1160	22142	
9708	19713	20144	43311	138268	59101	45034	17168	426591	80.79



WORK DONE UNDER PERMIT IN 1895

Number of Permits	Cubic Yards				Lineal Feet	
	Excavation	Embankment	Gravel	Macadam	Wood Sidewalk	Stone Sidewalk
Issued						
149.	50652	11459	700	1600	17126	5762
Total	50652	11459	700	1600	17126	5762
						1200
						1200

CITY SURVEYOR'S REPORT.

LENGTH AND MATERIAL OF ROADWAYS, SIDEWALKS AND CROSSWALKS,  
IN PLACE IN THE CITY OF PORTLAND.

	LAID TO JAN. 1, 1895		LAID DURING 1895		LAID TO JAN. 1, 1896	
	In Lineal Ft	In Miles	In Lineal Ft	In Miles	In Lineal Ft	In Miles
Bituminous rock pavement . . . . .	11750	2.22			11750	2.22
Asphalt pavement . . . . .	7900	1.50	460	0.08	8360	1.58
Macadam pavement . . . . .	214710	40.66	2100	0.40	216810	41.06
Gravel pavement . . . . .	214491	40.62	700	0.13	215191	40.79
Stone block pavement . . . . .	24450	4.63	460	0.08	24910	4.71
Plank roadway . . . . .	61548	11.66	3169	0.60	64717	12.26
Bridging . . . . .	38858	7.36			38858	7.36
Wooden block pavement . . . . .	100	0.02			100	0.02
Brick pavement . . . . .	200	0.04			200	0.04
Graded streets unpaved . . . . .	359992	68.18	15777	2.99	375769	71.17
Total . . . . .	983999	176.89	22666	4.28	955749	181.00
Wooden sidewalk . . . . .	1475574	279.46	16290	3.09	1491864	282.55
Cement and stone sidewalk . . . . .	72806	13.78	5762	1.09	78568	14.87
Asphalt and bituminous rock sidewalk . . . . .	7683	1.45			7683	1.45
Brick sidewalk . . . . .	115	0.02			115	0.02
Total . . . . .	1556178	294.71	22052	4.18	1578230	298.89
Wood crosswalk . . . . .	193161	36.58	2000	0.38	195161	36.96
Stone crosswalk . . . . .	7207	1.36	144	0.03	7351	1.39
Total . . . . .	200368	37.94	2144	0.41	205312	38.35

RECAPITULATION OF WORK DONE DURING 1895

		LINEAL FEET												
		SIDEWALK			CROSSWALK		GUTTER			1/2 Plank Roadway		1/2 Bridge	Stone Block Pavement	Sewer Laid
		New	Relay	Stone	Curb	(ement Curb)	New	Relay	Box	Open	Stone			
Permit . . .	17126	5762				1200			125				460	
Ordinance . . .	12857	782			446	2053			136	2136	400	6338		23284
Total . . .	29983	782	5762		446	3253			261	2136	400	6338	460	23284

RECAPITULATION OF WORK DONE DURING 1895—Continued

	CUBIC YARDS				NUMBER OF								SQUARE FEET	
	Excavation	Embankment	Macadam	Gravel	Manholes	Comb-Manholes and Catch-Basins	Concrete Corners	Lamp-holes	Elbows	Catch-Basins	Round Corner Blocks	V Branches	Asphalt	Concrete
Permit . . . . .	50652	11459	1600	700	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Ordinance . . . . .	59776	12709	2650	. . . . .	36	40	43	. . . . .	123	11	13	1701	8718	8718
Total . . . . .	110428	24168	4250	700	36	40	43	. . . . .	123	11	13	1701	8718	8718

INVENTORY OF PROPERTY IN THE CITY SURVEYOR'S  
DEPARTMENT AT THE END OF THE YEAR 1895.

89 quarter section maps of the City of Portland	89 quarter section maps of the City of Portland, (tracings)
89 quarter section maps of the City of Portland (blue prints)	1 wall map of the City of Portland, (Lewis & Dryden's)
1 atlas map of the City of Portland, (Lewis & Dryden's)	360 tracings of recorded plats with dedications
356 blue prints, recorded plats with dedications, 4 vols. bound	22 record books
1 grade book	10 certificate books
1 profile index	1 map index
2 map portfolios	1 city directory
2 order books	1 city ordinance book
1 roll paragon mounted paper, legal cap, letter heads, capital heads, miscellaneous blanks and stationery	200 street and sewer estimate blanks
2 wooden straight edges	4 triangles
1 pair shears	2 wooden triangles
1 arm rest	2 french curves
Ink stands	1 steel straight edge
4 paper weights	1 eyelet punch
1 roll top desk	Pens, pen-holders, rubbers, rubber bands, and miscellaneous drawing materials and instruments
2 small desks	4 draughting tables
2 office chairs	2 flat top desks
3 letter files	11 chairs
1 cabinet profile and map case	1 letter press and copying stand
1 transit rack	4 cuspidores
8 window shades	1 cabinet case
1 umbrella stand	1 feather duster
1 room linoleum	2 rooms carpet
1 level and box	1 wardrobe case
4 level rods	3 engineers transits and boxes
3 steel tapes	1 Dumpy level
1 post hole digger	4 plumb bobs
3 axes	2 picks
	1 drill
	1 shovel

ANNUAL REPORT  
 —OF THE—  
 MUNICIPAL JUDGE,  
 FOR THE YEAR 1895.

---

OFFICE OF THE MUNICIPAL JUDGE, }  
 OF THE CITY OF PORTLAND. }

PORTLAND, OREGON, December 31st, 1895.

*To the Honorable, the Mayor, and Common Council of the City of Portland :*

GENTLEMEN :—Herewith I present my report of the amounts received during the year of 1895, from City and State cases tried in the Municipal Court.

The following is a summary given by months :

January, 1895.

State cases, . . . \$192.50	City cases, . . . \$613.00	Total . . . . \$ 805.50
-----------------------------	----------------------------	-------------------------

February, 1895.

State cases, . . . \$ 92.50	City cases, . . . \$341.50	Total . . . . \$ 434.00
-----------------------------	----------------------------	-------------------------

March, 1895.

State cases, . . . \$153.75	City cases, . . . \$414.00	Total . . . . \$ 567.75
-----------------------------	----------------------------	-------------------------

April, 1895.

State cases, . . . \$ 30.00	City cases, . . . \$380.00	Total . . . . \$ 410.00
-----------------------------	----------------------------	-------------------------

May, 1895.

State cases, . . . \$142.50	City cases, . . . \$430.00	Total . . . . \$ 572.50
-----------------------------	----------------------------	-------------------------

June, 1895.

State cases, . . . \$ 90.50    City cases, . . . \$474.00    Total . . . . \$ 564.50

July, 1895.

State cases, . . . \$207 50    City cases, . . . \$448.50    Total . . . . \$ 656.00

August, 1895.

State cases, . . . \$201.00    City cases, . . . \$326.00    Total . . . . \$ 527.00

September, 1895.

State cases, . . . \$135.00    City cases, . . . \$778.75    Total . . . . \$ 913.75

October, 1895.

State cases, . . . \$100.00    City cases, . . . \$725.00    Total . . . . \$ 825.00

November, 1895.

State cases, . . . \$ 68.00    City cases, . . . \$594.00    Total . . . . \$ 662.00

December, 1895.

State cases, . . . \$100.00    City cases, . . . \$771.00    Total . . . . \$ 871.00

Total for year . . . . . \$7809.00

Respectfully,

B. M. SMITH,

*Municipal Judge of the City of Portland.*

# POLICE COMMISSIONERS' REPORT.

---

PORTLAND, OREGON, January 10, 1896.

*To the Honorable Mayor and Common Council of the City of Portland, Oregon, and the Committee on Ways and Means of said Council:*

GENTLEMEN :—The undersigned, Police Commissioners of your city, herewith submit to you for consideration, the accompanying revised estimate of the expenses of managing the police department of the city of Portland for the ensuing year, and in explanation desire to say :

When we made the estimate submitted to you last month, we were of opinion that the force should be retained at its present number and efficiency, and that estimate was as low as could be safely depended upon therefor. But reports received since from the State and County, indicate that by reason of extravagant appropriations and other expenditures authorized by our last legislature, our State taxes for this year will exceed any ever before known in Oregon, and that the County tax will be necessarily high on account of the expense of ferries, bridges, etc., saddled upon it by that legislature. These with the city tax, rendered, by recent State legislation absolutely necessary to maintain the credit of the city, by the payment of the interest on its bonded indebtedness will, with the utmost economy on the part of the city, necessitate a tax levy which will be burdensome to many in these times of business depression.

In consideration of these facts we deem it of the utmost importance that we reduce the expenses of this department to the lowest practicable point, even if in so doing we shall in a measure reduce the number and efficiency of the force.

You will observe that our estimate is much below the cost of the department for last year, and less than one half of the cost of the department for the year 1893.

The attempt to run the department upon less than one half of what it has cost in the recent past, we recognize as experimental in a measure, but



we believe such attempt will meet the approval of the taxpayers of the city, and as they *supply* the funds we regard their will as entitled to a controlling influence in the matter of the *expenditure* of those funds.

Very respectfully,

G. W. BATES,  
P. L. WILLIS,  
A. B. CROASMAN.

PORTLAND, January 10, 1896.

REVISED ESTIMATES.

Salaries . . . . .	\$55,500 00
Board of prisoners . . . . .	1,000 00
Expense of patrol wagon . . . . .	100 00
Board and shoeing horses . . . . .	700 00
Repairs of police building . . . . .	50 00
Fuel . . . . .	300 00
Light . . . . .	500 00
Books and printing . . . . .	100 00
Telegrams . . . . .	50 00
Telephones . . . . .	200 00
Contingent expenses . . . . .	500 00
Total . . . . .	\$59,000 00

# REPORT OF CHIEF OF POLICE.

---

PORTLAND, OREGON, January 7th, 1896.

*To the Honorable the Board of Police Commissioners:*

GENTLEMEN:—As is the custom in all cities of any note, either by ordinance or common custom, the Chief of Police of the city is expected to make an annual report of the condition of the department, together with any suggestions that may seem applicable and necessary to make the police force more efficient ; and herewith I beg to submit to your Honorable Body my full and complete report, under the various heads of the department, together with a few suggestions of which I ask your careful consideration, providing first that the financial condition of the city and your good judgment shall justify.

First. That as soon as practicable a police telegraph call-box system be put in on the East side of the river, thereby bringing the entire East side into closer communication with the Central Station ; which will, perhaps, enable us to do away with a few men on that side of the river.

Second. I would also call the attention of your Honorable Body to the fact that we have no call-box or telephone south of the Failing school; and as the outskirts of the city are continually growing more rapidly all the time, it would materially assist the department to have a call-box and booth at Second avenue, there being situated there now several business houses and one or two saloons. And for the purpose of doing this, would suggest that Box No. 31, now situated on Fourth and Market streets could be used, without injuring the service, as, at its present location, it is not used very often.

Third. That in the northwestern portion of the city, we have no box north or west of Seventeenth and Savier streets. Box No. 12 at the First National Bank, First and Washington streets, is not used much of late years, and could be spared to be placed at the corner of Twenty-third and Savier streets or Twenty-fourth and Savier, with good effect.

Fourth. Would also recommend that when the Board thinks it advisable, a good boat be provided, properly equipped for two men, and that two men be appointed especially adapted to the business of handling a boat, who should patrol the water front during the night from the Boneyard on the north to above the Madison street bridge on the south. This, it appears to me, is very necessary, as a great deal of petty stealing and pilfering is

being done by river pirates, and more or less damage is being done to the numerous mills, factories, warehouses and docks along the river front, and this method would very much increase the efficiency of the force in preventing these depredations.

I make these suggestions, of course, with a view of having the board consider the matter, and take into consideration the expenses that would be necessary to carry them into effect.

I have also prepared for the consideration of your Honorable Body, a comparative statement of the expenses of the Portland Police Force for the years 1893, 1894 and 1895, showing the net cost of the department to the taxpayers :

1893.

Warrants drawn upon the city treasury by Police Department . . .	\$118,005.10
Fines collected and paid into General Fund . . . . .	8,581.45
	<hr/>
Net cost to taxpayers . . . . .	\$109,423.65

1894.

Warrants drawn upon the city treasury by Police Department . . .	\$102,179.36
Fines collected and paid into General Fund . . . . .	3,802.40
	<hr/>
Net cost to taxpayers . . . . .	\$ 98,376.96

1895.

Warrants drawn upon the city treasury by Police Department . . .	\$ 84,420.38
Fines collected and paid into General Fund . . . . .	7,811.50
	<hr/>
Net cost to taxpayers . . . . .	\$ 76,608.88

Thus, you will see there is a saving :—

For year 1895 over year 1893 of . . . . .	\$ 32,814.77
For year 1895 over year 1894 of . . . . .	21,768.68

The total of arrests for all offenses during this period is :—

For the year of 1893 . . . . .	4,618
For the year of 1894 . . . . .	3,844
For the year of 1895 . . . . .	3,721

A full and extended detailed report of the arrests for all offenses for the year 1895, is submitted below.

I further desire to call your attention to the reports of eleven different cities, making a comparative statement of population and proportionate number of police with our own, as shown by the latest census returns :

City.	Population.	No. Police.	Population to each Officer.
New York . . . . .	1,513,501 . . . . .	4,566 . . . . .	331 . . . . .
Chicago . . . . .	1,099,133 . . . . .	3,100 . . . . .	354 . . . . .
St. Louis . . . . .	460,357 . . . . .	805 . . . . .	572 . . . . .
San Francisco . . . . .	297,990 . . . . .	482 . . . . .	618 . . . . .
Cincinnati . . . . .	296,309 . . . . .	483 . . . . .	613 . . . . .
Grand Rapids . . . . .	100,000 . . . . .	100 . . . . .	1000 . . . . .
Nashville . . . . .	90,000 . . . . .	97 . . . . .	928 . . . . .
Richmond . . . . .	90,000 . . . . .	100 . . . . .	900 . . . . .
Los Angeles . . . . .	70,000 . . . . .	83 . . . . .	843 . . . . .
Duluth . . . . .	70,000 . . . . .	78 . . . . .	897 . . . . .
Charleston . . . . .	70,000 . . . . .	103 . . . . .	680 . . . . .
Portland . . . . .	81,342 . . . . .	80 . . . . .	1016 . . . . .

Thus you will see that the number of our force, compared with that of other cities, is proportionately very small. This city, according to statistics, covers 40 square miles, and has 181 miles of improved streets and 297 miles of sidewalk.

EXHIBIT "A."

Number of Employes and their Occupations, of Members of Police Department, complete.

Chief . . . . .	1	Captains . . . . .	4
Detectives . . . . .	4	Clerks . . . . .	2
Electricians . . . . .	2	Stenographer and telephone oper. . . . .	1
Health Officers . . . . .	2	License Officer . . . . .	1
Humane Officer . . . . .	1	Matron . . . . .	1
Jailers . . . . .	2	Prisoners' Guard . . . . .	1
Patrol Drivers . . . . .	2	Mounted Patrolmen . . . . .	4
Patrolmen . . . . .	52		

## EXHIBIT "B."

No. of Arrests by Months, including persons provided with Lodging :

	Males.	Females.	Minors.	Foreign- ers.	Male Lodgers.	Female Lodgers.	Total.
January	269	60	50	142	41	8	329
February	233	24	51	133	33	3	257
March	239	22	84	118	54	8	301
April	312	27	54	125	35	6	340
May	356	17	31	120	41	2	273
June	241	30	13	134	17	—	287
July	243	20	23	135	12	—	283
August	246	35	18	138	9	4	281
September	306	26	41	171	7	7	332
October	319	15	31	147	9	1	334
November	353	37	27	201	14	3	370
December	312	22	25	204	31	7	330
Total	3429	354	448	1778	303	49	3721

## EXHIBIT "C."

List of Persons Arrested by Police Department and sent to County Jail and Penitentiary for year ending December 31st, 1895.

## JANUARY.

Date of Arrest	Name.	Charge.	Senten'd to Co. Jail.	Senten'd to Penite'y.
19	Anderson, A. E.	Obtaining money		2 years
7	Banker, Richard	"		5 years
19	Brown, Daniel	Counterfeiting		3 years
6	Chung, Ung	Larceny	3 months	
25	Crawford, A. A.	"	6 months	
25	Carlson, Andrew	Larceny store		3 years
7	Davis, Geo	"		4 years
31	Dahl, F. K.	Forgery		4 years
19	Ellen, Mark	Larceny	1 month	
22	Edwards, John	Counterfeiting		2 years
14	Gellman, Jerry	Larceny	6 months	
14	Lealand, Geo. C.	"	3 months	
1	Moorehouse, Wm.	"	2 months	
23	Pot, Vin	"	2 months	
14	Ryan, Tom	"	6 months	
31	Snyder, John	Larceny dwelling		1½ years
31	Smith, Geo	Robbery	6 months	
11	Gecht, Mrs. F.	Larceny	1 month	
2	Williams, Albert	"	6 months	

FEBRUARY.

Date of Arrest	Name.	Charge.	Senten'd to Co. Jail.	Senten'd to Penite'y.
13	Boucher, Joe	Burglary		4 years
11	Berger, Fred	Larceny dwelling		1½ years
7	Butler, Chas	Larceny warehouse		1 year
13	Burk, J. D	Highway robbery		5 years
25	Brookmiller, Geo	Larceny	12 months	
5	Crowley, A	"	1 month	
13	Cronin, John	Larceny person		5 years
12	Ellsworth, W. E	Manslaughter		15 years
18	Ferris, Wm	Larceny	1 month	
15	Gee, David L	Forgery		5 years
13	Hill, William	Larceny	3 months	
3	Holly, Albert	Burglary		2 years
3	Kelly, Buncoe	Murder second degree		Life
1	Leabo, Perry	Larceny	3 months	
9	Ling, Ling	"	2 months	
13	Landrew, Chas	Larceny person		5 years
18	Lum, Ah	Larceny	3 months	
7	Lin, Ah	"	2 months	
18	LeClaire, Gus	"	1 month	
6	Morencha, Donata	Assault to kill		8 years
13	Madden, Thomas	Larceny person		5 years
23	Marshall, H. F	Larceny	3 months	
15	Richardson, Fred	"	4 months	
6	Reid, J. C.	Bank robbery		Asylum
13	Selden, Frank	Highway robbery		5 years
16	Steeves, X. N	Manslaughter		15 years
5	Sedgemore, Joe	Obtaining money		6 years
2	Wagoner, John	Larceny	2 months	

## MARCH.

Date of Arrest	Name.	Charge.	Senten'd to Co. Jail.	Senten'd to Penite'y.
26	Allen, J. W.	Larceny		3 years
20	Burk, Thos.	"	2 months	
20	Black, William	"	2 months	
19	Foss, Chas.	"	2 months	
9	Gibbons, Mamie	"	1 month	
15	Yen, Yin	Murder second degree		Life
21	Picket, Doug	Larceny	9 months	
19	Siebes, Hugo	"	2 months	
18	Selmo, Louis	Burglary		1 year
31	Services, Wm	Larceny	1 month	
26	Schmaelzer, Chas	"	2 months	
18	Turner, Herbert	"	2 months	
20	Whit, Fred	"	9 months	
19	Wright, Harry	"	2 months	
15	Watson, Thos	"		1 year
3	Wilson, Mattie	Larceny person	Bail for'd	
19	Walker, Geo	Larceny	2 months	

APRIL.

Date of Arrest	Name.	Charge.	Senten'd to Co. Jail.	Senten'd to Penite'y.
16	Baltes, Mile	Burglary		2 years
12	Canauon, John	Larceny	1 month	
12	Clinton, John	"	1 month	
5	Daly, Wm.	"	6 months	
12	Dix, Lester	"	1 month	
13	Deck, China	"	3 months	
8	Furey, Joe	"	12 months	
18	Goon, Ah	"	3 months	
20	Green, John R.	Obtaining money		5 years
20	Gray, J. F.	"		
12	Hunt, Corey	Larceny	1 month	5 years
8	Kilbourne, Hallet	"	1 month	
12	Keafe, Joe	"	1 month	
14	Lee, Louis	"	6 months	
29	Phillips, W.	"	8 months	
5	Ray, John	"	2 months	
9	Ross, Ed.	"	12 months	
20	Smith, Clinton	Obtaining money		4 years
12	Stipe, John	Larceny	1 month	
12	Stipe, Arthur	"	1 month	
1	Simmons, Wm.	"	12 months	
12	Thomas, Ben	"	12 months	
26	Wilson, W. B.	"	15 months	
16	Yoseph, Aber	"	2 months	
15	Young, Walter	"	1 month	
30	Zimmerman, Isaac	Larceny dwelling		2 years



## MAY.

Date of Arrest	Name.	Charge.	Senten'd to Co. Jail.	Senten'd to Penite'y.
29	Austin, W. E.	Larceny		1 year
29	Bell, Joseph	"		1 year
7	Bennett, Jennie	"	2 months	
18	Branden, Geo.	Larceny person		3 years
18	DeVoy, Harry	"		5 years
12	Gretch, Otto	Larceny	6 months	
26	Huber, Walter	"	1 month	
6	Howard, J. W.	"	2 months	
16	Haines, Geo.	"	1 month	
17	Hunter, Jno.	Larceny dwelling	2 months	
5	Jones, C. E.	"		8 years
2	Janney, Walter	"		5 years
18	Kennedy, Wm.	Larceny person		5 years
31	LeClare, Robt.	Larceny	4 months	
8	Landerholm, Chas.	"	2 months	
20	Nowotney, Carl	"	6 months	
17	Pennock, Walter	"	3 months	
6	Ryan, Tom	"	1 month	
4	Roland, Henry J.	Obtaining goods		1 year
18	Wandell, Fred	Larceny dwelling		3 years
23	White, Wm.	Assault to rob.	3 months	
26	Wohlgemuth, John	Larceny	1 month	

## JUNE.

Date of Arrest	Name.	Charge.	Senten'd to Co. Jail.	Senten'd to Penite'y.
27	Batisti, Angello	Larceny	3 months	
20	Chatfield, H. P.	"	1 month	
14	Lynch, Paddy	Liquor to minor	12 months	
14	Devit, John	"	12 months	
7	Farel, James	Larceny by bailee	6 months	
17	Ling, Ah	Larceny	6 months	
8	Logan, Geo.	"	6 months	
30	McDermott, Wm.	"	3 months	
29	Pfleger, Louis	"	1 month	
26	Smith, Wm. W.	Burglary		2 years
6	Taylor, Nellie	Larceny	12 months	
29	Weyrick, Harry	Larceny dwelling	2 months	

JULY.

Date of Arrest	Name.	Charge.	Senten'd to Co. Jail.	Senten'd to Penite'y.
6	Arnold, Walter	Assault to rob.		6 years
1	Baldwin, Fred	Larceny dwelling	1 month	
1	Crane, Chas.	"	1 month	
3	Doran, John	Larceny	4 months	
24	Gorman, Chas.	Larceny dwelling	1 month	
19	Grant, Thomas	Larceny	6 months	
19	Hall, John	"	6 months	
14	Johnson, Sam	"	3 months	
22	King, Walter	Larceny dwelling		1 1/2 years
6	Kimball, Ed.	Assault to rob.		6 years
16	Kelliher, John	Larceny person		4 years
28	Nowotney, Fred	Larceny	6 months	
19	Pugh, Robt.	Counterfeiting		1 year
19	Reagan, John	Larceny store	1 month	
3	Stanley, Geo.	Highway robbery		7 years
6	White, James	Assault to rob.		10 years

AUGUST.

Date of Arrest	Name.	Charge.	Senten'd to Co. Jail.	Senten'd to Penite'y.
10	Ainsworth, Frank	Larceny store		5 years
29	Beckert, Chas.	Larceny	3 months	
29	Clarke, Geo.	"	3 months	
23	Delano, Louis	"	1 month	
15	Fouchett, Edward	"	6 months	
3	Hankins, E. J.	"	1 month	
26	Jones, John	"	12 months	
7	Keckler, Mamie	Larceny bailee	6 months	
10	Long, Tom	Larceny store		5 years
10	Murphey, Thomas	"	6 months	
29	Morrell, Otto	Larceny	2 1/2 mos.	
8	Ryan, James	"	8 months	
19	Richards, Wm.	"	1 month	
16	Small, Harry	Larceny dwelling		2 years
26	Smith, G. W.	Burglary		2 years
28	Sam, Sing	Larceny	12 months	
26	Terry, Irving	"	3 months	
25	Woodring, Ed.	Larceny bailee	12 months	
8	Welch, James	Larceny	8 months	

## SEPTEMBER.

Date of Arrest	Name.	Charge.	Senten'd to Co. Jail.	Senten'd to Penite'y.
23	Blake, Thomas	Larceny	6 months	
25	Curtis, Wm.	Larceny dwelling		6 years
6	Dorr, R. B.	Larceny	2 months	
23	Furey, Ed.	Larceny dwelling		6 years
13	Glendenning, John	Larceny	2 months	
2	Johnson, D. G.	Larceny person		3 years
25	Miller, Harry	"		6 years
30	Morrison, Chas.	Larceny		2 years
2	St. Clair, George	Larceny person		3 years
6	Williams, John	Larceny	2 months	
10	Vallentine, Oscar	"	1 month	

## OCTOBER.

Date of Arrest	Name.	Charge.	Senten'd to Co. Jail.	Senten'd to Penite'y.
30	Ausplund, A. A.	Assault to kill	\$500	
21	Billedeau, C. J.	Larceny dwelling		1 ½ years
15	Curtin, Mike	"		1 year
23	Drown, John	"	1 month	
1	Hanscom, Frank	Forgery		1 ½ years
21	Hall, Wm.	Larceny	3 months	
2	Jordan, James	Burglary		6 years
19	Miller, John	Larceny dwelling		3 years
30	Rose, Louis	"		5 years
15	Smith, Ed.	"		1 year
21	Yuen, Ah	Assault dangerous weapon		1 ½ years

NOVEMBER.

Date of Arrest	Name.	Charge.	Senten'd to Co. Jail.	Senten'd to Penite'y.
21	Bill, Dr. J. J.	Larceny dwelling		2 years
22	Crawford, A. A.	Burglary		8 years
10	Cullen, Dave	Larceny	8 months	
25	Gradt, Earnest	"		1 year
30	Davalle, Robt.	"	1 month	
11	Daniels, Wm.	"		2 years
11	Getcher, Wm.	"		2 years
28	Goard, James	Larceny dwelling		1 year
25	Meyer, Ed.	Larceny	8 months	
25	Monroe, George	Rape		10 years
16	Nelson, Wm.	Larceny	2 months	
9	O'Brien, Mike	"	12 months	
13	O'Connor, Andrew	"	6 months	
16	Thompson, John	"	12 months	
1	Thompson, Guy	"	1 month	
10	Thomas, Jack	"	12 months	

DECEMBER.

Date of Arrest	Name.	Charge.	Senten'd to Co. Jail.	Senten'd to Penite'y.
5	Blake, Frank	Burglary		1 ½ years
5	Lynch, Paddy	Larceny dwelling		4 years
2	Olesen, Alex	"		2 years
20	Welch, James	Larceny	6 months	
5	Sun, Shin You	Murder		

Total number sent to County Jail during 1895 . . . . . 123

Total number sent to Penitentiary during 1895 . . . . . 76

## EXHIBIT "D."

Classifications of Arrests made by the Department during the  
Year 1895.

Adultery .....	2
Assault .....	15
Assault and battery .....	113
Assault with dangerous weapon.....	21
Assault with intent to kill.....	5
Assault with intent to rape.....	2
Assault with intent to rob.....	3
Attempt to extort money.....	1
Abusive language.....	24
Attempt to pass counterfeit money.....	2
Attempt to commit arson.....	1
Burglary.....	20
Bank robbery.....	1
Bench warrant.....	16
Begging.....	146
Building fires in streets.....	5
Bicycles without lights.....	3
Cruelty to animals.....	4
Contempt of court.....	2
Carrying concealed weapons.....	9
Counterfeit tools, possession of.....	1
Counterfeit money, possession of.....	3
Carrying baskets on sidewalks.....	6
Drunkenness.....	862
Drunk and disorderly.....	168
Disturbing public meetings.....	5
Deserters.....	3
Disorderly conduct.....	316
Disturbing fire alarm wires.....	2
Embezzlement.....	6
Enticing young girls into saloons.....	1
Enticing seamen to desert.....	1
Engineers without license.....	5
Fugitives from justice.....	13
False pretenses.....	11

Fast driving .....	13
Fighting .....	57
Forgery .....	4
False alarms of fire .....	2
Fast riding on bicycle .....	5
Gambling .....	149
Giving liquor to minors .....	6
Houses of ill-fame .....	14
Held as witnesses .....	65
Held for safe-keeping .....	44
Injury to building .....	13
Insane .....	22
Kidnapping .....	1
Larceny in dwelling .....	44
Larceny from person .....	26
Larceny by bailee .....	4
Larceny, petit .....	203
Larceny, Grand .....	24
Lewd co-habitation .....	10
Laundries without license .....	6
Murder .....	3
Manslaughter .....	2
Malicious mischief .....	22
Maintaining Nuisance .....	17
Night-walking .....	51
Neglecting to report births .....	4
Neglecting to report deaths .....	2
Opium houses .....	3
Opium houses, frequenting .....	3
Obstructing streets .....	5
Obstructing officer .....	19
Obscene pictures .....	1
Obscene language .....	14
Polygamy .....	1
Peddling without license .....	72
Pawnshops without license .....	3
Practicing medicine without license .....	1
Permitting women to act as bartenders .....	2
Permitting vicious dogs at large .....	3
Permitting chickens at large .....	3
Passing bogus checks .....	2
Receiving and concealing stolen goods .....	2
Runaway boys and girls .....	22
Robbery, highway .....	2

Running engine without a license.....	2
Running employment without license .....	4
Riding bicycles on sidewalk .....	13
Safe-keeping, transient prisoners .....	44
Selling liquor to minors .....	
Selling liquor without license.....	5
Saloon open after hours .....	4
Soliciting prostitution .....	47
Suspicious persons .....	16
Smoking opium.....	9
Selling morphine, not registered.....	2
Trespass .....	186
Threatening to kill .....	15
Using Morphine .....	21
Violating Scavenger ordinance .....	10
Violating State medicine laws .....	1
Violating game laws .....	1
Violating miscellaneous ordinances .....	159
Vagrancy .....	180
	3721
Total of Arrests .....	

EXHIBIT "D."

Miscellaneous work done by the Department.

Accidents attended to .....	91
Breaking and entering prevented.....	11
Boys committed to reform school .....	12
Children given in charge of Boys' and Girls' Aid Society .....	37
Cows and horses driven to pound .....	47
Disturbances suppressed .....	76
Fire alarms given .....	142
Fugitives from justice apprehended.....	13
Fires extinguished without alarms.....	46
Injured persons assisted .....	107
Intoxicated persons helped home.....	275

Insane persons taken in charge .....	22
Lost children restored to their parents .....	188
Rescued from drowning .....	2
Persons placed in hospitals .....	28
Runaway children apprehended .....	22
Runaway horses stopped .....	22
Runaway horses reported .....	41
Sick and injured cared for .....	78
Suspicious persons photographed and ordered out of the city .....	16
Shops found open and secured .....	179
Stray teams put up .....	3
Sick persons cared for .....	28
Nuisance notice served .....	102
Water running to waste stopped .....	38

Ordinary work done by Department.

City cases registered on docket .....	2501
State cases registered on docket .....	754
Witnesses held .....	65
Witnesses Summoned .....	1093
Transient prisoners held .....	24
Patrol wagon calls answered .....	1544

Reports of Crime, and to other Departments.

Burglaries .....	97
Dangerous bridges .....	39
Dead bodies of animals .....	179
Defective lamps .....	4731
Defective sewers .....	61
Drains, vaults and nuisances .....	153
Larcenies .....	209
Lights out in shops usually lighted .....	14
Runaway horses .....	41
Robberies .....	26
Sidewalks needing repair .....	705
Street obstructions .....	223



## EXHIBIT "E."

The members of the Police Department on patrol duty are instructed the exact time any of the city lights are out during the night, which are reported to both the Superintendent of Streets and the electric company furnishing the light. During the present year 4,731 such defective lights were reported, for which a deduction of \$592.39 was made on the price charged the city for lighting.

## EXHIBIT "G."

Work performed by City Prisoners upon the Rock Pile during months of  
January, February, November and December.

(The only months when sufficient number was confined to work crew.)

No. Days' work at 8 hours per day .....	271	
No. Days' work at 6 hours per day .....	491	
	-----	762
No. yards fine rock crushed and removed by city teams .....	322	
No. yards coarse rock crushed and removed by city teams .....	40	
	-----	362
Estimated value of 362 yards at \$1.50 per yard .....		\$543.00

## Miscellaneous.

No. days' work trimming trees on city property .....	20	
No. days' work shovelling snow .....	11	
No. days' work building city sheds .....	28	
	-----	59

In addition to the above, all janitor work and wood sawing required about the city jail have been done by prisoners serving time.

## EXHIBIT "H."

Numbers and locations of the Portland Police Telegraph Booths.

Numbers.	Locations.
12.....	First and Washington
13.....	First and Taylor
14.....	First and Jefferson
15.....	First and Montgomery
16.....	First and Caruthers
17.....	First and Hooker
18.....	Fifth and Lincoln
21.....	Sixth and Morrison
22.....	First and Burnside
23.....	Third and Davis
24.....	W. Park and Glisan
25.....	Union Depot
26.....	Eleventh and Davis
27.....	Park and Washington
31.....	Fourth and Market
32.....	Park and Jefferson
33.....	Twelfth and Montgomery
34.....	Fourteenth and Morrison
35.....	Jefferson and Chapman
36.....	Nineteenth and Washington
37.....	Twenty-second and Washington
41.....	Twenty-first and Hoyt
42.....	Sixteenth and Hoyt
43.....	Thirteenth and Northrup
45.....	Seventeenth and Savier

EXHIBIT "I."

Annual Report of License Officer for year ending December 31, 1895.

OCCUPATIONS.	1ST QUARTER.		2ND QUARTER.		3RD QUARTER.		4TH QUARTER.		TOTALS.	
	No.	Amounts.	No.	Amounts.	No.	Amounts.	No.	Amounts.	No.	Amounts.
Auctioneers	7	\$ 186 70	9	\$ 320 00	6	\$ 186 65	9	\$ 280 05	31	\$ 973 40
Bill posters	4	83 35	3	75 00	3	75 00	3	75 00	13	308 35
Bowling alleys	2	10 00	2	10 00	1	5 00	1	5 00	6	30 00
Billiards	13	133 35	10	110 00	8	100 00	10	108 35	41	451 70
Coal oil	6	69 00	5	66 00	4	46 00	4	46 00	19	227 00
Coupees	2	8 00							2	8 00
Drays	38	114 00	35	105 00	35	101 00	36	108 00	144	428 00
Express, double	78	378 45	72	350 00	74	348 35	74	355 35	298	1,432 15
Express, single	132	375 00	126	368 00	127	364 00	134	400 00	524	1,507 00
Employment	3	58 30	5	125 00	6	100 00	3	50 00	17	333 30
Express companies	3	75 00	3	75 00	3	75 00	3	75 00	12	300 00
Grading teams	26	106 70	27	95 00	14	40 15	12	34 90	79	276 75
Hacks	31	155 00	33	148 25	32	160 00	31	153 35	127	616 60
Hack drivers	37	37 00	4	4 00	8	8 00	4	4 00	53	53 00
House movers	2	40 05	2	53 35	2	53 35	1	40 00	7	186 75
Hawkers, 1st class	34	425 00	46	545 00	42	585 00	48	645 00	170	2,200 00
Hawkers, 2nd class	24	223 30	30	296 65	34	340 00	26	236 70	114	1,096 65
Insurance	57	560 00	56	560 00	62	573 45	61	610 00	236	2,303 45
Laundries, steam	6	90 00	6	90 00	7	100 00	6	90 00	25	370 00
Laundries, hand	60	450 00	60	450 00	60	450 00	68	435 00	248	1,785 00
Miscellaneous	6	120 00	5	86 65	8	523 30	2	33 30	21	763 25
Oil wagons	15	146 65	10	100 00	9	90 00	10	90 00	44	426 65
Omnibuses	3	15 00	2	10 00	2	10 00	2	10 00	9	45 00
Pettlers, 2nd class					1	8 00			1	8 00
Totals, carried for'd	589	\$ 3,859 85	551	\$ 4,042 90	548	\$ 4,342 25	548	\$ 3,885 00	2,241	\$ 16,130 00

Annual Report of License Officer for year ending December 31, 1895.  
(Continued.)

OCCUPATIONS.	1ST QUARTER.		2ND QUARTER.		3RD QUARTER.		4TH QUARTER.		TOTALS.	
	No.	Amounts.	No.	Amounts.	No.	Amounts	No.	Amounts.	No.	Amounts.
Totals, brought for'd	589	\$ 3,859 85	551	\$ 4,042 90	548	\$ 4,342 25	554	\$ 3,885 00	2241	\$ 16,130 00
Peddlers, 3rd class	2	12 00	1	6 00	1	6 00			3	18 00
Peddlers, 4th class	21	112 50	23	132 50	34	150 00	46	215 00	124	610 00
Powder	11	55 00	12	56 05	13	61 65	12	60 00	48	233 30
Fawn brokers	9	675 00			8	600 00			17	1,275 00
Plumbers	37	444 00	5	60 00					42	504 00
Runners, hotel	14	140 00	10	146 05	15	150 00	18	160 05	63	590 70
Swimming baths					1	10 00			1	10 00
Scavengers	60	177 00	63	186 00	67	198 00	74	218 00	264	779 00
Second-hand dealers	68	313 35	71	345 05	65	306 65	78	355 50	282	1,320 55
Shooting gallery	1	25 00	1	25 00	1	25 00	1	25 00	4	100 00
Street cars	6	535 00	6	635 00	7	630 40	6	558 75	25	2,459 15
Trucks	46	225 00	43	215 00	45	218 30	49	245 00	183	903 30
Theaters	5	170 85	4	125 00	5	175 05	7	295 85	21	766 75
Wharfingers	17	381 65	15	365 00	15	365 00	15	365 00	62	1,476 65
Wood saws	26	350 00	22	285 00	25	339 00	25	375 00	98	1,340 00
Waffle peddlers			1	7 50	1	7 50			2	15 00
Saloons	289	28,599 95	279	27,609 30	271	26,533 30	266	26,150 05	1105	108,983 25
Wholesale liquors	11	550 00	12	583 35	13	650 00	13	650 00	49	2,433 35
Liquor in restaurant	19	433 35	13	325 00	13	325 00	14	333 35	59	1,416 70
Malt liquors	1	33 30	3	133 35	3	150 00	3	150 00	10	466 65
Grocery			6	116 70	7	158 35	8	200 00	21	475 05
Drug stores			1	33 35					1	33 35
Totals	1230	\$ 37,180 80	1149	\$ 35,530 95	1158	\$ 35,392 45	1188	\$ 34,241 55	4725	\$ 142,345 75

City Treasurer's receipts outstanding

Totals for year 1895

6 35  
4725 \$ 142,352 10

## EXHIBIT "J."

Amounts collected for delinquent sewer construction, street improvement, street extension and delinquent taxes, and paid into the city treasury.

Sewer construction .....	\$1896 35	
Costs .....	264 75	
Interest .....	81 07	
	—————	\$ 2,242 17
Street improvement .....	\$9395 36	
Costs .....	490 40	
Interest .....	705 22	
	—————	\$10,500 98
Street extension .....	\$ 81 00	
Costs .....	41 25	
Interest .....	1 07	
	—————	\$ 123 32
Delinquent taxes .....	\$1163 02	
Interest .....	346 89	
Penalty .....	293 45	
	—————	\$ 1,803 36
Total, .....		\$14,669 83

## HEALTH DEPARTMENT.

As health officers, the following is a resume of the work of the Department during the year.

**MARRIAGES:** It is found from the records of the County Clerk that there were 164 marriage licenses issued during the first quarter of the year, 216 during the second, 178 during the third, and 206 during the fourth, making a total of 763; the greatest number any one month (80) were issued during the month of June, and the least (50) during the month of February.

**BIRTHS:** In former years, physicians and midwives did not comply strictly with the ordinance requiring births to be reported to this Department, and as a result the number fell far short of the actual number born. During the present year they have been notified in various ways that the ordinance must be complied with, and as evidence of the fact that they have done so, I have only to say that there were 886 more births reported this year than there was during the year of 1894.

The total number of births reported was 1333, seven of which were twin births 34 still-born and 21 premature births. The sex given was, males 653 and females 680, the latter outnumbering the former by 27. Of these 1321 were white, 7 colored and 5 Mongolian. 359 occurred during the first quarter of the year, 308 during the second, 314 during the third and 316 during the fourth. The greatest number reported during one month (204) being in January, and the least (86) in March. There were 486 less deaths than births.

**DEATHS:** The total mortality for the year was 847; 11 more than in 1894. Of these, 504 were males and 343 females—161 more males than females. 762 were white, 8 colored and 77 Mongolian. Of their social state 344 were married, widows or widowers, 151 were single aged 20 years and over and 303 were single under 20 years of age, and 49 were reported as “unknown.”

Estimating the population of the City at 81,000, the rate of mortality exclusive of deaths from still and premature causes, and of persons here for treatment, would be 10.34.

Consulting the tables submitted herewith giving the mortality in detail, you will find that deaths resulting from Pulmonary and cancerous causes out-number other diseases considerable. Such should not be taken as deaths occurring from these causes among our own people, for the death certificates show a large proportion of them to have been contracted by persons non-resident who were here for treatment, this being especially noticable in the cases of the Chinese, their manner of congregating in great numbers in unsanitary quarters breeding diseases of the lungs.

**CONTAGIOUS DISEASES:** On account of the dangerous character of diphtheria, every precaution was taken to prevent its spread. Whenever reports from physicians, who reported very promptly, came to hand, the Superintendent of Schools and the City Physician were at once notified, giving the name and the residence of the person afflicted, and through the energy of these officials, the disease was kept within fairly close quarters. There have been quite a number of cases of scarlet fever, the most of which however, being of a mild nature. The same precautions were taken to prevent its spread as were taken in cases of diphtheria. The fatality among those having had typhoid fever I deem for the most part due to residence in portions of the City which have not as yet been provided with sewerage, or were contracted elsewhere and were here for treatment.

**SANITARY CONDITIONS:** The City, in a sanitary sense, is in a far better condition than it was at the time of filing my last report, still, with all that has been accomplished, notice of improvement, at least on the east side of the river, is hardly perceptible. Complaints are constantly being filed, urging the abatement of privy vaults of next-door neighbors, and upon inspection of the locality, it is found that the only permanent relief for the trouble is in the construction of a sewer, and while temporary relief has been attempted, it has been the aim of the Department to give permanency to its work, and to this end, residents in the vicinity of the trouble have been induced to petition the Common Council for the construction of a sewer.

Very nearly all improvements in this line have been pushed by the Department to commencement, and were it not that matters of a financial nature figured largely in the premises, other needed sewerage would no doubt have been constructed.

The usual amount of nuisances have been reported, and learned of through a house-to-house inspection by the officers assigned to duty in this division of the Department. For the greater portion of the year but one officer has been in active charge of the work, though there are now two thus engaged. The work performed has not been of a character the most pleasant, and the amount accomplished is unmistakable evidence that those in charge have attended to their duties with faithfulness and in a systematic manner.

It gives me pleasure to state that in all the work done incident to this division, that much more has been corrected than could have been brought about, through the able advice and co-operation of the City Physician.

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EXHIBIT "K."

REGISTERED CAUSES OF DEATH.

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ZYMOTIC DISEASES.

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MIASMATIC.

Cerebro-Spinal Menengitis .....	4
Cholera Infantum .....	39
Cholera Morbus .....	1
Croup .....	1
Croup, Membraneous .....	4
Croup, Spasmodic .....	2
Diarrhoe .....	2
Diphtheria .....	16
Enteco-Colilis .....	3
Erysipelas .....	5
Fever, Malarial .....	4
Fever, Scarlet .....	4
Fever, Tyhoid .....	17
Fever, Typho-Malarial .....	1
Laryngitis-Diph .....	1
Pyæmia .....	3

Septicemia.....	7
Whooping Cough.....	1

ENTHETIC.

Lead Poisoning.....	1
Morphine Habit.....	2
Opium Habit.....	1
Syphilis.....	2

DIATETIC.

Alcoholism, Acute.....	1
Alcoholism, Chronic.....	2

CONSTITUTIONAL DISEASES.

Anaemia.....	2
Cancer, Neck, Mouth, etc.....	5
Cancer, Stomach.....	9
Cancer, Liver.....	3
Cancer, Uterus.....	7
Cancer, other parts.....	4
Carcinoma, Liver.....	3
Carcinoma, Pyhurs.....	1
Epithelioma.....	1
Dropsy.....	4
Rheumatism, Inflammatory.....	1
Sarcoma, Kidneys.....	1
Sarcoma, Liver.....	2

TUBERCULAR.

Hydrocephalus.....	3
Phthisis Pulmonalis.....	37
Poot's Disease.....	1
Tubercular Meningitis.....	4
Tubercular Peritonitis.....	1
Tuberculosis.....	80

LOCAL DISEASES.

Abscess, Brain.....	2
Apoplexy.....	14
Brain, Congestion.....	2
Brain, Compression.....	1



Brain, Hemorrhage .....	4
Brain Fever .....	2
Brain, Inflammation .....	1
Brain, Softening .....	1
Cerebral Abscess .....	2
Convulsions .....	4
Epilepsy .....	3
Hemiplegia .....	2
Hysteria .....	1
Insanity .....	1
Mycetitis .....	2
Menengitis, Baslai .....	2
Menengitis, Spinal .....	2
Menengitis, Cerebral .....	3
Menengitis .....	14
Pacha, Menengitis .....	1
Paraplegia .....	1
Spasms .....	2
Tumor, Brain .....	1

## CIRCULATORY SYSTEM.

Angina, Pectoris .....	2
Aneurism .....	4
Atheroma .....	1
Endocarditis .....	2
Heart, Clot .....	2
Heart, Dropsy .....	9
Heart Dilation .....	2
Heart, Fatty Degeneration .....	4
Heart Nematigia .....	2
Heart, Rheumatism .....	1
Heart, Organic Disease .....	4
Heart, Valvular Disease .....	14
Heart, Unclassified Diseases .....	11
Pericarditis .....	1
Rupture of Blood Vessel .....	4

## RESPIRATORY SYSTEM.

Asthma .....	1
Asthma, Cardiac .....	3
Bronchitis, Acute .....	2
Bronchitis, Chronic .....	3

Empyaemia . . . . .	3
Empysaemia . . . . .	1
Lagrippe . . . . .	5
Laryngitis . . . . .	2
Lungs, Abcess . . . . .	2
Lungs, Congestion of . . . . .	2
Lungs, Hemorrhage . . . . .	2
Lungs, Oedema . . . . .	6
Pneumonia, Brouchs . . . . .	2
Pneumonia, Croupous . . . . .	2
Pneumonia, Pleuro . . . . .	4
Pneumonia, Typhoid . . . . .	2
Pneumonia . . . . .	30
Pleurisy . . . . .	1

DIGESTIVE SYSTEM.

Abcess, Abdominal . . . . .	1
Appendicitis . . . . .	9
Acites . . . . .	1
Atrophy, Liver . . . . .	2
Bowels, Catarrh . . . . .	1
Bowels, Congestion . . . . .	1
Bowels, Consumption . . . . .	1
Bowels, Inflammation . . . . .	4
Bowels, Obstruction . . . . .	3
Enteritis . . . . .	7
Gastritis . . . . .	3
Gastric Fever . . . . .	1
Hemorrhage, Bowels . . . . .	1
Hypertrophy, Liver . . . . .	1
Hepatitis . . . . .	1
Jaundice . . . . .	1
Liver, Cirrhosis . . . . .	8
Liver, Enlargement of . . . . .	1
Perforation, Intestines . . . . .	3
Peritonitis . . . . .	15
Perityphlitis . . . . .	1
Stricture, Rectum . . . . .	1
Tumor, Abdominal . . . . .	2
Tumor, Kidneys . . . . .	2
Tumor, Pylorus . . . . .	1
Tumor, Spleen . . . . .	1
Tumor, Uterus . . . . .	1

Tuberculosis, Bowels . . . . .	1
Ulceration, Stomach . . . . .	2

#### URINARY SYSTEM.

Albuminuria . . . . .	1
Bright's Disease . . . . .	16
Cystitis . . . . .	1
Diabetis . . . . .	4
Gall, Bladder, Rupture of . . . . .	1
Suppression of Urine . . . . .	1
Praenia . . . . .	4
Uraemic Poisoning . . . . .	5

#### GENERATIVE SYSTEM.

Ovarian Tumor . . . . .	1
Urethral Fever . . . . .	1

#### LOCOMOTARY SYSTEM.

Gangrene Foot . . . . .	1
Vertebrae, Caries of . . . . .	1

#### NOT LOCALIZED.

Blood Poisoning . . . . .	3
Exhaustion . . . . .	9
Gangrene . . . . .	2
Shock, Surgical Operations, etc. . . . .	7

#### DEVELOPMENTAL DISEASES.

##### CHILDREN.

Atelectasis . . . . .	2
Births, Premature . . . . .	21
Cyanosis . . . . .	3
Dentition . . . . .	1
Malformation, Congen . . . . .	1

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Malnutrition . . . . .	1
Neonatorum . . . . .	1
Syncope . . . . .	1
Stillborn . . . . .	34
Convulsions . . . . .	9

WOMEN.

Abortion . . . . .	2
Child Birth . . . . .	4
Miscarriage . . . . .	1
Hemorrhage, Puerperal . . . . .	1
Placenta Praeria . . . . .	1
Puerperal Fever . . . . .	6
Puerperal Septaemia . . . . .	2
Puerperal Convulsions . . . . .	1
Pyro Solpingitia . . . . .	1
Peritonitis, Puerperal . . . . .	1

OLD AGE.

Old Age . . . . .	18
General Debility . . . . .	6
Marasmus, Senile . . . . .	4
Paralysis, Senile . . . . .	1

NUTRITION.

Atrophy, Ination, etc. . . . .	21
Asthenia . . . . .	1

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VIOLENT DEATHS.

— — —  
ACCIDENTS.

Electric Car . . . . .	1
Drowning . . . . .	7
Fall . . . . .	6
Falling Wall . . . . .	1
Fracture . . . . .	3
Gunshot . . . . .	4

Poison . . . . .	5
Scalded . . . . .	1
Severe burns . . . . .	1
Unknown . . . . .	1

## HOMICIDES.

Knife Wounds . . . . .	2
Poison . . . . .	1
Gunshot Wounds . . . . .	1

## SUICIDES.

Cutting Throat . . . . .	1
Knife Wounds . . . . .	1
Drowning . . . . .	2
Hanging . . . . .	1
Poison . . . . .	12
Railroad Cars . . . . .	1
Shooting . . . . .	5

## DEATHS BY MONTHS.

January . . . . .	89
February . . . . .	68
March . . . . .	73
April . . . . .	74
May . . . . .	64
June . . . . .	68
July . . . . .	70
August . . . . .	82
September . . . . .	72
October . . . . .	59
November . . . . .	61
December . . . . .	67

## AGES.

Stillborn . . . . .	49
1 minute to 1 day . . . . .	20
1 to 30 days . . . . .	44
1 to 6 months . . . . .	50
6 months to 1 year . . . . .	30
1 to 3 years . . . . .	46
3 to 5 years . . . . .	16

5 to 10 years . . . . .	29
10 to 20 years . . . . .	42
20 to 30 years . . . . .	89
30 to 40 years . . . . .	93
40 to 50 years . . . . .	102
50 to 60 years . . . . .	100
60 to 70 years . . . . .	68
70 to 80 years . . . . .	57
80 to 90 years . . . . .	12

PLACES OF INTERMENT.

Lone Fir Cemetery . . . . .	398
Riverview Cemetery . . . . .	108
Mt. Calvary Cemetery . . . . .	101
Greenwood Cemetery . . . . .	65
Beth Israel . . . . .	16
Poor Farm . . . . .	47
Other Places . . . . .	63
Brought here for Interment . . . . .	78
Shipped elsewhere for Interment . . . . .	131

DEATHS IN HOSPITALS, ETC.

St. Vincent's Hospital . . . . .	71
Good Samaritan Hospital . . . . .	59
Portland Hospital . . . . .	26
Babies Home . . . . .	9

CONTAGIOUS DISEASES REPORTED.

Month.	January	February	March	April	May	June	July	August	September	October	November	December	Total
Chicken Pox . . . . .	3	3	4	1	2	3	2	1	1	2	0	2	23
Diphtheria . . . . .	4	5	3	2	4	2	7	7	8	15	31	20	108
Measles . . . . .	1	2	2	4	1	5	0	1	3	2	1	2	24
Scarlet fever.. . . .	38	21	27	28	24	25	9	2	9	20	46	47	296
Typhoid fever . . . . .	25	7	4	4	3	5	2	16	17	16	15	7	121

FATALITIES—Diphtheria, 16; Scarlet Fever, 4; Typhoid Fever, 17.

## SANITARY.

Premises inspected . . . . .	2917
Notices served on general public . . . . .	2301
Notices served on Inspector of Plumbing and Drainage . . . . .	524
Notices served on other city officials . . . . .	60
Notice posted on vacant premises . . . . .	118
Street and sewer assessment levies posted . . . . .	775
Abatements made by general public . . . . .	2287
Abatements made by Inspector of Plumbing and Drainage . . . . .	504
Abatements made by other city officials . . . . .	57
Abatements awaiting action of Inspector of Plumbing and Drainage . . . . .	20
Abatements awaiting action of other city officials . . . . .	3

It requires from two to four visits to a locality where a nuisance exists before an abatement can be registered.

Very Respectfully Submitted,

JNO. W. MINTO,  
*Chief of Police.*



BOARD OF FIRE COMMISSIONERS  
—OF—  
PORTLAND PAID FIRE DEPARTMENT.  
1895.

---

SYLVESTER FARRELL, PRESIDENT.  
H. S. ROWE. WM. FLIEDNER.

---

OFFICERS :

DAVID CAMPBELL, . . . . . Chief Engineer  
A. DONALDSON, . . . . . Assistant Engineer  
(District East Side.)  
M. LAUDENKLOS, . . . . . District Engineer  
(District North of Morrison Street.)  
G. H. WEMPLE . . . . . District Engineer  
(District South of Morrison Street.)  
A. J. COFFEE, . . . . . Supt. Fire Alarm Telegraph

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*Office of the Board of Fire Commissioners :*

CITY HALL.

H. H. HOLMES, Secretary.





# REPORT

OF THE

## BOARD OF FIRE COMMISSIONERS.

1895.

OFFICE OF THE BOARD OF FIRE COMMISSIONERS, P. P. F. D. }  
 PORTLAND, OREGON, January 1, 1896. }

*To the Honorable the Mayor, and Common Council of the City of Portland :*

GENTLEMEN:—In compliance with Section 179, of "An Act to incorporate the City of Portland," the Board of Fire Commissioners have the honor to submit to your honorable body, a report in detail, of the revenues and expenditures of the Fire Department for the year 1895, and also an estimate of the amount of salaries and other necessary expenses of the Department for the ensuing year, together with such information and recommendations necessary for the efficiency of the Department.

### ESTIMATE OF EXPENSES FOR 1895.

Hose . . . . .	\$ 2,000 00
Hydrants . . . . .	1,000 00
Horses . . . . .	1,000 00
Horse shoeing . . . . .	1,500 00
Veterinary surgeon . . . . .	280 00
Horse feed . . . . .	5,600 00
Telephones . . . . .	1,100 00
Lighting . . . . .	1,700 00
Fuel . . . . .	1,800 00
Small stores . . . . .	500 00
Water supply . . . . .	6,350 00
Incidental expenses . . . . .	2,000 00
Rents . . . . .	1,680 00
Office expense and printing . . . . .	500 00
Fire alarm telegraph . . . . .	1,000 00
<i>Amount carried forward . . . . .</i>	
	\$ 28,010 00

<i>Amount brought forward</i> . . . . .	\$ 28,010 00
Salaries . . . . .	78,000 00
Repairs to apparatus . . . . .	2,000 00
" houses . . . . .	500 00
" cisterns . . . . .	500 00
" harness . . . . .	800 00
Total amount of estimate for 1895 . . . . .	<u>\$109,810 00</u>

## REVENUES FOR 1895.

Balance in fund January 1, 1895 . . . . .	\$ 03
From tax roll for 1895 . . . . .	102,402 83
" delinquent taxes . . . . .	2,474 50
" sale of lot . . . . .	650 00
" sale of exempt certificates . . . . .	12 00
" sale of old material, horses, etc . . . . .	102 50
Total revenues for 1895 . . . . .	<u>\$105,641 86</u>

## EXPENDITURES FOR 1895.

Salaries . . . . .	\$ 74,372 80
Rents of engine houses . . . . .	1,720 00
Repairs to engine houses . . . . .	631 29
Cost of new apparatus . . . . .	193 50
Repairs to apparatus . . . . .	1,252 59
Cost of horses . . . . .	235 00
Horse shoeing . . . . .	1,215 25
Veterinary surgeon . . . . .	301 00
Harness and repairs . . . . .	146 89
Horse feed . . . . .	4,193 47
Fuel . . . . .	1,743 69
Lighting . . . . .	1,494 50
Stores . . . . .	923 28
Telephone . . . . .	1,012 75
Insurance . . . . .	606 50
Incidentals . . . . .	593 95
Hose . . . . .	881 75
Water . . . . .	6,063 00
Hydrants . . . . .	677 07
Cisterns . . . . .	60 45
Printing and office expense . . . . .	494 95
Fire alarm telegraph . . . . .	1,036 15
Total expenditures for 1895 . . . . .	<u>\$ 99,849 83</u>

ESTIMATE OF EXPENSES FOR THE YEAR 1896.

Insurance . . . . .	\$ 100 00
Salaries . . . . .	75,000 00
Repairs to apparatus . . . . .	1,200 00
Repairs to engine houses . . . . .	500 00
Hose . . . . .	3,500 00
Hydrants . . . . .	500 00
Cisterns . . . . .	100 00
Horses . . . . .	1,000 00
Horse shoeing . . . . .	1,200 00
Veterinary surgeon . . . . .	300 00
Repairs to harness . . . . .	200 00
Horse feed . . . . .	4,000 00
Telephones . . . . .	1,000 00
Lighting . . . . .	1,400 00
Fuel . . . . .	1,600 00
Stores . . . . .	500 00
Water . . . . .	6,036 00
Incidentals . . . . .	200 00
Rents of engine houses . . . . .	1,750 00
Printing and office expense . . . . .	250 00
Fire alarm telegraph . . . . .	1,000 00
<hr/>	
Total amount of estimate for 1896 . . . . .	\$101,336 00

SUMMARY FOR THE YEAR 1895.

Total amount of receipts . . . . .	\$105,641 86
Total amount of expenditures . . . . .	99,849 83
<hr/>	
Amount of receipts not expended . . . . .	\$ 5,792 03

FIRE DEPARTMENT FUND.

Deficit in fund January 1, 1895 . . . . .	\$ 15,624 74
Amount of revenue for 1895, not expended . . . . .	5,792 03
<hr/>	
Deficit in fund January 1, 1896 . . . . .	\$ 9,832 71

In making up our estimate for last year we thought at the time that we had figured the expenses as low as it was advisable to go without impairing the efficiency of the department, but as you can see by the total amount of the expenditures made during the year, which is \$99,849.00, we have made a still further saving to the city of \$10,000.00. And while we do not think

it possible under the present arrangements to operate the Fire Department at any less expense than we have done during last year, still there is one account, in our judgment, might be dispensed with, and that is the cost of maintaining the fire hydrants belonging to the Hydraulic Elevator Company on Front and First streets. If arrangements can be made with the Water Commissioners whereby the hydrants could be connected with the city mains by them, a further reduction of about \$3,000.00 could be made; but in our opinion this is the only account which could be reduced below the figures we have given in our estimate.

Very respectfully yours,

S. FARRELL, President,  
H. S. ROWE,  
WM. FLIEDNER,

*Fire Commissioners.*

H. H. HOLMES,  
*Secretary.*





## EXPENDITURES ON ACCOUNT OF ALL COMPANIES

For the Year Ending December 31, 1895

COMPANY	SALARIES	HOUSE AND LOT	
		Cost and Rents	Repairs, Fixtures and Furniture
Engine Company No. 1 . . . . .	\$ 4,384 00	\$ . . . . .	\$ 71 48
" " No. 3 . . . . .	4,259 35	. . . . .	67 73
" " No. 4 . . . . .	4,260 00	. . . . .	78 42
" " No. 5 . . . . .	4,260 00	. . . . .	11 40
" " No. 6 . . . . .	3,271 50	. . . . .	26 98
" " No. 7 . . . . .	4,260 00	. . . . .	17 90
" " No. 8 . . . . .	4,432 05	110 00	39 62
Hook and Ladder Company No. 1 . . . . .	3,720 00	. . . . .	32 21
" " " No. 2 . . . . .	3,720 00	. . . . .	77 86
" " " No. 3 . . . . .	3,720 00	. . . . .	17 08
" " " No. 4 . . . . .	3,720 00	120 00	28 41
" " " No. 5 . . . . .	652 50	10 00	2 94
Hose Company No. 1 . . . . .	3,073 40	1,200 00	41 58
" " No. 2 . . . . .	3,000 00	. . . . .	17 54
" " No. 3 . . . . .	3,000 00	. . . . .	1 75
" " No. 5 . . . . .	1,260 00	280 00	9 00
Chemical Engine Company No. 1 . . . . .	2,580 00	. . . . .	16 14
" " " No. 2 . . . . .	2,580 00	. . . . .	19 39
" " " No. 3 . . . . .	2,580 00	. . . . .	24 44
Officers' Teams and Supply Sheds . . . . .	840 00	. . . . .	29 42
Auxiliary Companies . . . . .	. . . . .	. . . . .	. . . . .
Totals . . . . .	\$ 63,572 80	\$ 1,720 00	\$ 631 29

EXPENDITURES ON ACCOUNT OF ALL COMPANIES

For the Year Ending December 31, 1895

APPARATUS		HORSES			Harness and Repairs
Cost	Repairs	Cost	Shoeing	Vet. Sur'n	
\$ . . . .	\$ 43 14	9 00	\$ 84 00	\$ 14 44	\$ 12 05
27 00	35 30	4 50	70 00	14 40	6 20
. . . .	35 25	. . . .	64 50	14 40	6 90
27 00	62 80	2 00	86 00	14 40	13 10
27 00	73 96	. . . .	44 50	14 40	50
27 00	147 68	. . . .	85 00	14 40	6 15
27 00	53 60	. . . .	75 00	14 40	5 11
. . . .	47 25	. . . .	73 50	14 43	6 75
. . . .	82 55	. . . .	72 00	14 40	5 80
. . . .	20 20	153 50	43 00	14 40	4 48
. . . .	142 35	. . . .	53 25	14 40	6 45
. . . .	. . . .	. . . .	7 50	2 30	50
9 50	71 08	7 50	48 00	14 40	2 55
27 00	57 15	27 00	48 00	14 40	8 60
22 00	20 10	. . . .	37 00	14 40	70
. . . .	4 25	. . . .	32 00	14 40	50
. . . .	21 75	. . . .	45 00	14 40	5 40
. . . .	16 93	18 00	48 00	14 40	2 85
. . . .	7 85	. . . .	48 25	14 42	6 75
. . . .	287 10	13 50	150 75	39 41	45 55
. . . .	22 30	. . . .	. . . .	. . . .	. . . .
\$ 193 50	\$ 1,252 59	\$ 235 00	\$ 1,215 25	\$ 301 00	\$ 146 89



## EXPENDITURES ON ACCOUNT OF ALL COMPANIES

For the Year Ending December 31, 1895

(Continued)

COMPANY	Horse Feed	Fuel	Lighting
Engine Company No. 1 . . . . .	\$ 291 75	\$ 178 61	\$ 173 65
“ No. 3 . . . . .	289 19	141 30	54 33
“ No. 4 . . . . .	199 79	155 09	69 30
“ No. 5 . . . . .	263 75	140 36	80 06
“ No. 6 . . . . .	273 57	95 34	52 40
“ No. 7 . . . . .	274 24	166 36	96 47
“ No. 8 . . . . .	266 90	148 90	54 37
Hook and Ladder Company No. 1	244 09	77 84	151 28
“ “ No. 2	215 41	59 28	95 55
“ “ No. 3	261 52	66 87	99 70
“ “ No. 4	193 52	58 74	68 60
“ “ No. 5	27 81		8 90
Hose Company No. 1 . . . . .	140 26	62 99	85 40
“ No. 2 . . . . .	218 52	75 68	42 35
“ No. 3 . . . . .	144 97	54 35	51 70
“ No. 5 . . . . .	136 28	28 50	38 20
Chemical Engine Company No. 1	166 34	68 60	151 56
“ “ No. 2	189 80	75 65	53 93
“ “ No. 3	215 84	89 23	66 75
Officers' Teams and Supply Sheds Auxiliary Companies . . . . .	179 92		
Totals . . . . .	\$ 4,193 47	\$ 1,743 69	\$ 1,494 50

EXPENDITURES ON ACCOUNT OF ALL COMPANIES  
 For the Year Ending December 31, 1895  
 (Continued)

Stores	Telephone	Insurance	Incidentals	Total Expenditures
\$ 28 04	\$ 30 00	\$ 78 00		\$ 5,398 16
18 32	60 00	120 00		5,167 62
16 84	30 00	17 50		4,947 99
20 32	60 00	137 50		5,178 69
21 58	60 00	33 75		3,995 48
19 90	55 00			5,170 10
13 94	55 00	55 00		5,350 89
28 76	30 00	78 00		4,504 11
15 42	30 00	17 50		4,405 77
30 52	60 00	45 00		4,536 27
14 04	55 00	1 75	593 95	5,070 46
1 91	5 00			719 36
11 62	60 00			4,828 28
13 19	30 00			3,579 43
14 28	60 00			3,421 25
11 87	60 00			1,875 00
110 11	60 00			3,239 30
77 25	30 00			3,126 20
33 07	60 00			3,146 60
418 55		22 50		2,026 70
3 75				26 05
<b>\$ 923 28</b>	<b>\$ 890 00</b>	<b>\$ 606 50</b>	<b>\$ 593 95</b>	<b>\$ 79,713 71</b>

## GENERAL EXPENDITURES, 1895.

Officers' salaries . . . . .	\$ 8,100 00
Hose . . . . .	881 75
Water . . . . .	6,063 00
Hydrants . . . . .	677 07
Cisterns . . . . .	60 45
Office expense and printing . . . . .	494 95
Telephones . . . . .	122 75
	<hr/> \$16,399 97

## FIRE ALARM TELEGRAPH.

Salaries . . . . .	\$ 2,810 15
Material and repairs . . . . .	926 00
	<hr/> \$ 3,736 15
Total general expenditures . . . . .	\$20,136 12

## SUMMARY OF EXPENDITURES.

Company expenditures . . . . .	\$79,713 71
General expenditures . . . . .	20,136 12
	<hr/> \$99,849 83
Total expenditures for 1895 . . . . .	\$99,849 83

## LIST OF PROPERTY IN TRUST.

## HOUSES AND LOTS—VALUES ESTIMATED.

Engine Co. No. 1 and Hook and Ladder Co. No. 1 lot and house and bell tower . . . . .	\$ 50,000 00
Engine Co. 3, house and lot . . . . .	20,000 00
Engine Co. No. 4, Hook and Ladder No. 2, house and lot . . . . .	15,000 00
Engine Co. No. 5, house and lot . . . . .	7,500 00
Engine Co. No. 6, house, corporation shed, house and lot . . . . .	8,000 00
Engine Co. No. 7, house and lot . . . . .	20,700 00
Engine Co. No. 8, house . . . . .	2,000 00
Hook and Ladder Co. No. 3, house and lot . . . . .	10,000 00
Hook and Ladder Co. No. 4, house . . . . .	1,000 00
Hose Co. No. 2 and Chemical Engine Co. No. 2, house and lot . . . . .	30,000 00
Hose Co. No. 3, house and lot . . . . .	3,500 00
Chemical Engine Co. No. 1, house and lot . . . . .	25,000 00
Chemical Engine Co. No. 3, house and lot . . . . .	3,000 00
House and lot, Mississippi avenue . . . . .	1,800 00
Lot, Borthwick street . . . . .	4,000 00
House and lot, Vancouver avenue . . . . .	2,750 00
	<hr/>
	\$204,250 00

## APPARATUS.

Ten engines, seven hose wagons, three hose carriages (4 wheels), one hose carriage, 4 wheels, (hand), four hose carts (2 wheels), seven hose reels, two wheels, two engines (unfit for use), one first-class hook and ladder, one second-class hook and lad- der truck, three third-class hook and ladder trucks, three chemical engines, 1 village truck, (hand) . . . . .	\$ 76,519 00
Harness, etc . . . . .	4,602 50
Property in Corporation shed . . . . .	500 00
Property in Commissioner's office . . . . .	300 00
Property in engine house, stores, tools, etc. . . . .	5,000 00
Fifty-three horses . . . . .	7,950 00
Fire alarm apparatus . . . . .	33,957 01
	<hr/>
	\$132,478 51
Total value of property in trust . . . . .	\$336,728 51

## INSURANCE ON BUILDINGS.

*Engine and Truck House No. 1.*

American Fire Insurance Co. of Philadelphia, expires March 30, 1898. . . . .	\$ 1,142 86
Home Insurance Co. of New York, expires Novem- ber 14, 1898. . . . .	1,143 33
American Fire Insurance Co. of Philadelphia, expires November 14, 1898. . . . .	1,143 33
	—————\$ 3,429 52

*Fire Bell and Attachments.*

American Fire Insurance Co. of Philadelphia, expires March 30, 1898. . . . .	\$ 428 58
Home Insurance Co. of New York, expires Novem- ber 14, 1898. . . . .	428 33
American Fire Insurance Co. of Philadelphia, expires November 14, 1898. . . . .	428 33
	—————\$ 1,285 24

*Electrical Appurtenances, Etc.—Fire Alarm Telegraph.*

Home Insurance Co. of New York, expires Novem- ber 14, 1898. . . . .	\$ 428 33
American Fire Insurance Co. of Philadelphia expires March 30, 1898. . . . .	428 58
American Fire Insurance Co. of Philadelphia, expires November 14, 1898. . . . .	428 33
	—————\$ 1,285 24

*Engine House No. 3.*

German American Fire Insurance Co. of New York, expires May 20, 1898. . . . .	\$ 1,500 00
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*Engine House No. 4 and Truck House No. 2.*

American Fire Insurance Co. of Philadelphia, expires February 1, 1898. . . . .	\$ 1,000 00
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*Engine House No. 5.*

American Fire Insurance Co. of Philadelphia, expires April 25, 1898. . . . .	\$ 2,500 00
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*Engine House No. 6.*

Palatine Insurance Co. of England, expires April 14, 1898 . . . . .	\$ 1,250 00
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*Engine House No. 7.*

London & Lancashire Fire Insurance Co. of Liver- pool, England, expires February 6, 1897 . . . . .	\$ 2,000 00
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*Engine House No. 8.*

Home Insurance Co. of New York, expires October 21, 1898. . . . .	\$ 1,000 00
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*Truck House No. 3.*

American Fire Insurance Co. of Philadelphia, expires February 1, 1898. . . . .	\$ 750 00
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*Hose House No. 3.*

Home Mutual Insurance Co., expires September 7, 1896 . . . . .	\$ 1,000 00
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*House on Vancouver Avenue.*

Continental Insurance Co. of New York, expires July 2, 1897 . . . . .	\$ 500 00
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*House on Mississippi Avenue.*

Continental Insurance Co. of New York, expires July 2, 1897 . . . . .	\$ 500 00
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*Truck House No. 4.*

London & Lancashire Insurance Co. of Liverpool, England, expires May 1, 1897 . . . . .	\$ 500 00
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LOCATION OF HOUSES.

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No. 1 Engine Company, east side of Fourth, between Morrison and Yamhill streets.

No. 3 Engine Company, south side of Washington, opposite North Sixteenth street.

No. 4 Engine Company, east side of Fourth, between Montgomery and Mill streets.

No. 5 Engine Company, west side of Front, between Whittaker and Gibbs streets.

No. 6 Engine Company, west side of Twentieth, between Quimby and Raleigh streets.

No. 7 Engine Company, southeast corner East Third and East Pine streets.

No. 8 Engine Company, north side of Russell, between Williams avenue and Rodney avenue.

Chemical Engine No. 1, west side of Second, between Oak and Pine streets.

Chemical Engine No. 2, west side of First, between Madison and Jefferson streets.

Chemical Engine No. 3, west side of Union avenue, between Holladay avenue and Hassalo street.

Hook and Ladder Company No. 1, east side of Fourth, between Morrison and Yamhill streets.

Hook and Ladder Company No. 2, east side of Fourth, between Montgomery and Mill streets.

Hook and Ladder Company No. 3, north side of Glisan, between North Fourteenth and North Fifteenth streets.

Hook and Ladder Company No. 4, south side of Holladay avenue, between Grand and Union avenues.

Hose Company No. 1, north side of Everett, between Second and Third streets.

Hose Company No. 2, west side of First, between Madison and Jefferson streets.

Hose Company No. 3, west side of East Seventh, between Stephens and East Harrison streets.

Hose Company No. 5, corner East Thirty-fourth and East Vamhill streets, Sunnyside.

Supply Building, west side of North Twentieth, between Quimby and Raleigh streets.

Bell Tower, in rear of Engine Company No. 1.

SALARIES OF OFFICERS AND MEN.

One Chief Engineer . . . . .	\$ 2,400 00
One First Assistant Engineer . . . . .	1,800 00
Two District Engineers . . . . .	3,000 00
Six Engineers of Steamers . . . . .	7,200 00
Six Drivers of Steamers . . . . .	5,400 00
Six Drivers of Hose Tenders to Steamers . . . . .	5,040 00
Five Drivers of Hose Companies . . . . .	4,500 00
Four Drivers of Hook and Ladder Trucks . . . . .	3,600 00
Three Drivers of Chemical Engine Companies . . . . .	2,700 00
Six Foremen of Engine Companies . . . . .	2,160 00
Five Foremen of Hose Companies . . . . .	3,960 00
Four Foremen of Hook and Ladder Trucks . . . . .	3,600 00
Three Foremen of Chemical Engine Companies . . . . .	2,700 00
Three Pipemen of Chemical Engine Companies . . . . .	2,340 00
Twenty-five Members at call of Engine Companies . . . . .	6,000 00
Twenty-one Members at call of Hose Companies . . . . .	5,040 00
Thirty-two Members at call of Hook and Ladder Companies . . . . .	7,680 00
One Driver Supply Wagon . . . . .	840 00
One Superintendent Fire Alarm . . . . .	1,800 00
One Lineman of Fire Alarm . . . . .	900 00
One Secretary . . . . .	1,200 00
One hundred and thirty-seven Members . . . . .	\$73,860 00



EXHIBIT OF LOSSES BY FIRE DURING THE YEAR 1895.  
INSURANCE INVOLVED AND INSURANCE PAID.

MONTHS.	LOSS		INSURED FOR		INSURANCE PAID	
	Buildings	Contents	Buildings	Contents	Buildings	Contents
January	\$ 1,034.45	\$ 1,633.39	\$ 199,600.00	\$ 3,400.00	\$ 984.45	\$ 1,473.39
February	2,080.04	1,368.60	48,400.00	6,300.00	1,880.04	1,368.60
March	9,182.00	14,494.12	32,750.00	47,770.00	9,149.50	14,494.12
April	4,319.85	41,035.28	99,350.00	49,750.00	3,649.85	40,945.28
May	7,007.36	3,234.30	19,300.00	8,600.00	6,203.86	2,714.30
June	2,743.17	23,566.82	21,700.00	25,950.00	910.67	10,685.57
July	3,827.50	2,629.80	50,300.00	8,350.00	3,807.50	2,619.80
August	(600.00)		300.00		300.00	
September	3,122.95	5,949.00	19,303.00	15,350.00	3,122.95	2,499.00
October	1,531.75	3,641.75	6,300.00	14,700.00	1,531.75	3,616.75
November	5,110.90	433.00	16,000.00	1,750.00	4,675.90	416.00
December	575.07	430.10	17,300.00	1,200.00	570.07	430.10
	\$ 41,135.04	\$ 98,476.16	\$ 530,603.00	\$ 183,120.00	\$ 36,786.54	\$ 81,272.91
Total loss					\$139,611.20	
Insurance					713,723.00	
Insurance paid					118,059.45	
Loss over insurance paid					21,551.75	

## TABLES OF FIRES AND ALARMS

YEAR ENDING DEC. 31, 1894

MONTHS	From all Sources	Boxes	Stills	Telephones	Actual Fires	False
January . . . . .	26	22	3	1	15	2
February . . . . .	28	18	7	3	15	3
March . . . . .	30	21	7	2	15	2
April . . . . .	13	10		3	8	1
May . . . . .	30	17	12	1	16	1
June . . . . .	19	9	7	3	10	
July . . . . .	28	20	5	3	21	
August . . . . .	25	13	10	2	12	1
September . . . . .	19	15	2	2	9	1
October . . . . .	13	11	1	1	6	1
November . . . . .	23	17	5	1	9	1
December . . . . .	23	17	6		6	3
Total . . . . .	277	190	65	22	142	16

## TABLES OF FIRES AND ALARMS

YEAR ENDING DEC. 31, 1895

MONTHS	From all Sources	Boxes	Stills	Telephones	Actual Fires	False
January . . . . .	20	12	6	2	19	1
February . . . . .	24	13	10	1	22	2
March . . . . .	26	17	9		23	3
April . . . . .	15	13	2		12	3
May . . . . .	15	12	3		12	3
June . . . . .	23	14	9		22	1
July . . . . .	29	21	8		28	1
August . . . . .	9	4	5		9	
September . . . . .	14	7	6	1	14	
October . . . . .	16	6	9	1	16	
November . . . . .	20	8	10	2	20	
December . . . . .	13	7	4	2	12	1
Total . . . . .	224	134	81	9	209	15

## CAUSES OF FIRES AND ALARMS

Burning flue . . . . .	29
Burning rubbish . . . . .	5
Boiling tar . . . . .	1
Breaking carboy of acid . . . . .	1
Brush on fire . . . . .	1
Burning soot . . . . .	1
Burning charcoal . . . . .	1
Burning grease . . . . .	1
Burning sawdust . . . . .	2
Curtain catching fire . . . . .	1
Children playing with matches . . . . .	6
Defective flue . . . . .	30
Defective range . . . . .	1
Defective furnace . . . . .	3
Defective stove pipe . . . . .	2
Explosion of chemicals . . . . .	1
Explosion, gasoline stove . . . . .	1
Explosion, coal oil stove . . . . .	3
Falling of stove pipe . . . . .	1
From burning electric wires . . . . .	3
From adjoining fire . . . . .	6
False alarms . . . . .	15
From previous fire . . . . .	5
Fire crackers . . . . .	3
Hot ashes in barrel . . . . .	6
Incendiary . . . . .	6
Lighted cigar stump . . . . .	4
Lamp explosion . . . . .	10
Machinery getting hot . . . . .	2
Over-heated oven . . . . .	2
Over-heated stove . . . . .	5
Roadway on fire . . . . .	2
Sparks from electric light . . . . .	1
Sparks from machinery . . . . .	1
Sparks from stove . . . . .	3
Sparks from chimney . . . . .	17
Sparks from smokestack . . . . .	8
Sparks from forge . . . . .	1
Sparks from locomotive . . . . .	1

Spontaneous combustion . . . . .	2
Tree on fire . . . . .	1
Unknown . . . . .	19
Upsetting of lamp . . . . .	9
Upsetting lard in fire . . . . .	1
Total . . . . .	224

### CLASSIFICATION OF LOSSES

Number of false alarms . . . . .	15
Number of fires, no loss . . . . .	102
Number of fires, loss under \$100 . . . . .	48
Number of fires, loss between \$100 and \$200 . . . . .	11
Number of fires, loss between \$200 and \$300 . . . . .	7
Number of fires, loss between \$300 and \$400 . . . . .	5
Number of fires, loss between \$400 and \$500 . . . . .	2
Number of fires, loss between \$500 and \$750 . . . . .	7
Number of fires, loss between \$750 and \$1,000 . . . . .	3
Number of fires, loss between \$1,000 and \$2,000 . . . . .	11
Number of fires, loss between \$2,000 and \$5,000 . . . . .	7
Number of fires, loss between \$5,000 and \$10,000 . . . . .	2
Number of fires, loss over \$10,000 . . . . .	4
Total . . . . .	224

### FIRE RECORD 1883 to 1895, INCLUSIVE

In 1883 total losses amounted to . . . . .	\$319,092	20
In 1884 " " . . . . .	403,851	90
In 1885 " " . . . . .	59,329	73
In 1886 " " . . . . .	98,146	16
In 1887 " " . . . . .	84,173	72
In 1888 " " . . . . .	54,347	70
In 1889 " " . . . . .	37,730	23
In 1890 " " . . . . .	70,997	61
In 1891 " " . . . . .	251,759	86
In 1892 " " . . . . .	573,885	50
In 1893 " " . . . . .	155,459	39
In 1894 " " . . . . .	889,528	94
In 1895 " " . . . . .	13,9611	20

# REPORT

OF THE

## CHIEF ENGINEER

OF THE

### PORTLAND PAID FIRE DEPARTMENT.

PORTLAND, OREGON, December 31, 1895.

*To the Honorable, the Board of Fire Commissioners :*

GENTLEMEN:—I have the honor of submitting herewith my annual report of the Fire Department for the year ending December 31st, 1895, being my first annual report and the thirteenth of the Paid Fire Department of the city of Portland.

#### ORGANIZATION AND EQUIPMENT.

The fire department as now constituted, under control of your honorable body, consists of a Chief Engineer, an Assistant Chief Engineer, two District Engineers, one Secretary, one Superintendent of Fire Alarm Telegraph, one Fire Alarm Repair man, one Supply Driver, 6 Steam Fire Engine Companies, manned by 50 men, 3 Chemical Engine Companies, manned by 9 men, 4 Hook and Ladder Companies, manned by 40 men, 5 Hose Companies, manned by 30 men, 53 horses, all in good condition, 4 Reserve Steam Fire Engines, one fourth-class Hayes Truck, and one Two-Wheeled Hose Cart, all in fair condition.

Our Paid Fire Department is supplemented by the following Volunteer Fire Companies in suburban districts, to which we have furnished respectively, hose reels and a village truck, and the following amounts of hose :

Portland Heights . . . . .	1 hose reel and 600 feet hose
Stephens' Addition . . . . .	1 hose reel and 700 feet hose
Piedmont . . . . .	1 hose reel and 900 feet hose
Fulton Park . . . . .	1 hose reel and 700 feet hose
Multnomah . . . . .	1 hose reel and 600 feet hose
Woodlawn . . . . .	1 hand village hook and ladder truck
Sellwood . . . . .	1 extension hook and ladder truck with Babcocks and fully equipped

## HOSE.

In the Paid Fire Department there is in service rubber hose, 7540 feet; cotton hose, 3800 feet; and in the Volunteer Companies rubber, 3500 feet, making a total of 14,840 feet of hose in actual service.

## COAL ON HAND.

Engine Co. No. 3 . . . . .	coal ½ ton
Engine Co. No. 4 . . . . .	coal 1 ton
Engine Co. No. 5 . . . . .	coal ½ ton
Engine Co. No. 7 . . . . .	coal ½ ton
Engine Co. No. 8 . . . . .	coal 1 ton
Hose Co. No. 1 . . . . .	coal 2 tons
Hose Co. No. 3 . . . . .	coal 1½ ton
Hose Co. No. 6 . . . . .	coal 1 ton

## FIRE ALARMS.

The total number of alarms responded to during the year were 224, of which there were 134 from boxes, 81 still alarms and 9 telephone alarms.

Of the total number of alarms, 102 of them were attended by no losses, and 13 of them were false alarms.

The total fire losses amounted to \$139,611.20, of which 6 of the largest fires aggregated \$80,391.00.

## HYDRANTS.

I hereby report having located and changed the following additional hydrants :

- 1 . . . . . Seventh and Johnson, northwest corner
- 1 . . . . . Stout and Madison, northwest corner
- 8 . . . . . At North Pacific Mill
- 1 . . . . . Seventeenth and Wilson, northwest corner
- 1 . . . . . North Front and Hull, northwest corner
- 1 . . . . . At St. Vincent's Hospital
- 2 . . . . . On Marguerite avenue
- 1 . . . . . Thirty-fourth and E. Hawthorne ave., northeast corner
- 1 . . . . . Milwaukie and East Rhone
- 4 . . . . . On Milwaukie Road
- 1 . . . . . Ninth and Spokane avenue, southwest corner
- 1 . . . . . Eighth and Spokane avenue, southwest corner
- 1 . . . . . Second and Umatilla avenue, southwest corner
- 1 . . . . . Eighth and Umatilla avenue, southwest corner
- 1 . . . . . Sixth and Umatilla avenue, southwest corner
- 1 . . . . . Tenth and Umatilla avenue, southwest corner

1 . . . . .	Sixth and Spokane avenue, southwest corner
1 . . . . .	Fourth and Marion avenue, southwest corner
1 . . . . .	Fourth and Umatilla avenue, southwest corner
1 . . . . .	Fourth and Central avenue, southwest corner
1 . . . . .	Fourth and Spokane avenue, southwest corner
1 . . . . .	Tenth and Tacoma avenue, southwest corner
1 . . . . .	Twenty-first and Beacon, southwest corner
1 . . . . .	Sixth and Clackamas avenue, southwest corner
1 . . . . .	Thirty-fourth and Franklin
Total . . . . . 36 Hydrants	

OLD HYDRANTS REPLACED WITH NEW ONES.

1 . . . . .	Alder and Sixth, northeast corner
2 . . . . .	Third and Madison, southwest corner
3 . . . . .	Third and Salmon, southeast corner
4 . . . . .	Third and Yamhill, southwest corner
5 . . . . .	Third and Ankeny, southwest corner
6 . . . . .	Third and Burnside, southwest corner
7 . . . . .	Third and Couch, southwest corner
8 . . . . .	Third and Davis, southwest corner
9 . . . . .	Third and Flanders, southwest corner
10 . . . . .	Third and Everett, southwest corner
11 . . . . .	West Park and Washington, southwest corner
12 . . . . .	Fourth and Madison, southeast corner
13 . . . . .	West Park and Jefferson, southwest corner
14 . . . . .	Seventeenth and Jefferson, southeast corner
15 . . . . .	Twenty-third and Washington, northeast corner
16 . . . . .	West Park and Salmon, northwest corner
17 . . . . .	First and East Washington, southwest corner
18 . . . . .	Twenty-first and East Bush, southeast corner
19 . . . . .	Eighth and East Stephens, southwest corner

RECOMMENDATIONS.

Under this head I would like to suggest the purchase of a first-class engine, a water tower and a fire-boat; but fully realizing that the taxpayers, at the present time, are bearing all the expenses that they are well able to stand, and knowing that your honorable board are fully alive to the requirements of the department equally with myself, and would equip the department with everything needed if the time would admit of it, I will not at the present time make such recommendations.

There are two things, however, I feel it my duty to recommend, and that is the purchase of a three-way siamese, and 1600 feet of cotton hose. The siamese is a very



valuable piece of apparatus in case of a large fire, and the 1600 feet of cotton hose to be placed in service at Engine Co. No. 7, where they have a tower which is required for the drying of the hose, and to prevent it from rotting.

Having, by your instructions, located and connected with the city water mains at Sellwood 17 hydrants, and the water pressure being very good, I recommend the placing in Engine House at Sellwood of a hose cart and 800 feet of rubber hose, which would give that portion of the city good fire protection.

In closing this report, I desire to tender my thanks to his honor, Mayor Frank, and the honorable board of fire commissioners for the active interest they have manifested in all matters pertaining to the success of the department, and I desire also to thank the officers and members of the fire department for the alacrity manifested on all occasions in complying with my orders. I also desire to express my thanks to the Chief of Police and members of his force for the manner in which they have assisted this department in the discharge of their duties on all occasions.

Respectfully submitted,

DAVID CAMPBELL.

*Chief P. P. F. D.*

# FIRES AND ALARMS

—FROM—

## JANUARY 1 TO DECEMBER 31, 1895

### JANUARY.

#### **Wednesday 2d, 1:00 a. m. Box 135.**

No. 147 Sixth street. 3 story frame, owned by P. A. Marquam, and occupied by J. Chandler as a fruit store; cause, unknown; loss, \$112.39; insurance, \$9000.

#### **Wednesday 2d, 5:40 p. m. Box 31.**

No. 234 Woods street. 1 story frame, owned by C. A. Reiter, and occupied by J. Cowes as a residence; cause, overheated stove; loss, \$250.

#### **Wednesday 2d, 10:00 p. m. Still.**

No. 795 First street. 2 story frame, owned by M. Rodney, and occupied by O. Bowest as a meat market; cause, burning flue; no loss.

#### **Wednesday 2d, 5:50 p. m. Box 48.**

No. 150 Tenth street. 1 story frame, owned by R. Livingstone; vacant, as a residence; cause, incendiary; no loss.

#### **Friday 4th, 7:15 p. m. Box 13.**

No. 107 Third street. 3 story frame, owned by Mrs. M. A. Smith, and occupied by Franklin Market as a meat market; cause, electric light wire; no loss.

#### **Saturday 5th, 8:45 a. m. Box 35.**

Corner Hall and Sixteenth streets. 1½ story frame, owned by Chas. Gove, and occupied by C. Gove as a residence; cause, unknown; loss, \$1500; insurance, \$1500.

#### **Saturday 12th, 1:10 p. m. Box 54.**

False alarm.

#### **Tuesday 15th, 4:15 a. m. Still.**

No. 333 Morrison street. 7 story brick, owned by P. A. Marquam, and occupied by J. Walpole as stores; cause, lighted cigar stump; loss, \$15; insurance, \$173,500.

**Friday 18th, 7:10 p. m. Box 46.**

Corner Nineteenth and Couch streets. 1 story frame, owned by School Trustees, and occupied by Bishop Scott School as an academy; cause, upsetting coal oil lamp; loss, £20; insurance, \$5200.

**Saturday 19th, 2:30 a. m. Telephone.**

No. 234 Morrison street. 3 story brick, owned by Marx & Jorgenson, and occupied by Gibbish & McCarty as a saloon; cause, burning flue; no loss.

**Saturday 19th, 4:30 a. m. Box 51.**

No. 171½ Second street. 3 story brick, owned by J. M. Strowbridge, and occupied by various offices; cause, falling stovepipe; no loss.

**Sunday 20th, 1:25 p. m. Still.**

No. 90 Tenth street. 2 story frame, owned by Wm. Fleidner, and occupied by F. H. Holcomb as a residence; cause, burning flue; no loss.

**Monday 21st, 9:15 p. m. Still.**

No. 435 Pacific street. 2 story frame, owned by Northwest Insurance Company, and occupied by A. N. Wright as a residence; cause, defective flue; no loss.

**Friday 25th, 1:55 p. m. Box 49.**

No. 970 Lovejoy street. 2 story frame, owned by L. B. Cox, and occupied by him as a residence; cause, defective flue; loss, \$10; insurance, \$3000.

**Friday 25th, 6:25 p. m. Box 51.**

No. 246 Yamhill street. 4 story brick, owned by Fecheimer Estate, and occupied by a Chinaman as a cigar store; cause, explosion of oil lamp; loss, \$60; insurance, \$1200.

**Monday 28th, 7:55 p. m. Box 56.**

No. 404 Madison street. 3 story frame, owned by W. Burrell, and owned him as a residence; cause, defective flue; loss, \$84.45; insurance; \$8200.

**Tuesday 29th, 11:00 p. m. Still.**

No. 49 Fourth street. 2 story frame, owned by Van B. DeLashmutt, and occupied by E. Missoner as a saloon; cause, burning chimney; no loss.

**Wednesday 30th, 12:45 a. m. Still.**

No. 300 First street. 2 story frame, owned by P. Baker, and occupied by H. C. Cone as a saloon; cause, defective stovepipe; loss, \$26; insurance, \$750.

**Wednesday 30th, 8:40 p. m. Box 327.**

No. 770 East Seventh street. 1 story frame, owned by E. L. McDonald, and occupied by C. D. Jump as a residence; cause, overheated stove; loss, \$650; insurance, \$650.

**Thursday 31st, 8:45 p. m. Telephone.**

Corner Fifth and Jefferson streets. 3 story frame, owned by J. N. Dolph, and owned by C. A. Dolph as a residence; cause, defective flue; no loss.

**FEBRUARY.****Sunday 3d, 3:55 a. m. Still.**

No. 188 Jefferson street. 1½ story frame, owned by H. Ross, and occupied by him as a residence; cause, burning flue; no loss.

**Sunday 3d, 3:30 p. m. Still.**

No. 81 Third street. 5 story brick, owned by W. Sherlock, and occupied by Portland Club as a gymnasium; cause, lighted cigar stump; loss, \$35; insurance, \$35,000.

**Monday 4th, 7:05 p. m. Box 26.**

No. 367 Sixteenth street. 2 story frame, owned by H. J. Morrison, and occupied by him as a hotel; cause, burning flue; no loss.

**Monday 4th, 1:40 p. m. Box 312.**

No. 512 Loring street. 1½ story frame, owned by Northwest Door Company, and occupied by owner as a door factory; cause, sparks from chimney; no loss.

**Thursday 7th, 7:30 p. m. Telephone.**

No. 406 Jefferson street. 1 story frame, owned by H. Holden, and occupied by C. Stenger as a residence; cause, upsetting of lamp; loss, \$23; insurance, \$1100.

**Thursday 7th, 7:25 p. m. Box 341.**

No. 513 Starr street. 2 story frame, owned by W. L. Bishop, and occupied by J. McKale as a residence; cause, sparks from chimney; no loss.

**Friday 8th, 3:00 p. m. Still.**

No. 65 Second street. 3 story brick, owned by H. Bickel, and occupied by Chivanan as a lodging house; cause, explosion of lamp; no loss.

**Saturday 9th, 4:55 p. m. Box 284.**

No. 159 Grand avenue. 2 story frame, owned by J. D. Lee, and occupied by O. T. Glidden as a residence; cause, sparks from chimney; loss, \$10; insurance, \$700.

**Sunday 10th, 11:00 a. m. Box 26.**

No. 361 Savier street. 2 story frame, owned by J. Marshall, and occupied by H. Larsen as a saloon; cause, sparks from chimney; loss, \$20; insurance, \$2100.

**Sunday 10th, 1:25 p. m. Box 39.**

No. 381 Front street. 2 story frame, owned by A. G. Walling, and occupied by him as a residence; cause, sparks from chimney; loss, \$120; insurance, \$2000.

**Sunday 10th, 4:00 p. m. Box 341.**

No. 148 Knott street. 1 story frame, owned by I. W. Ijams, and occupied by P. Lavin as a residence; cause, sparks from chimney; loss, \$350; insurance, \$400.

**Monday 11th, 2:15 p. m. Box 19.**

Foot of Oak street. 2 story frame, owned by Cone & Nooning, and occupied by them as a wood yard; cause, sparks from smokestack; no loss.

**Monday 11th, 3:20 p. m. Still.**

Foot of Oak street. 2 story frame, owned by Cone & Nooning, and occupied by them as a wood yard; cause, sparks from smokestack; no loss.

**Monday 11th, 3:45 p. m. Still.**

No. 265 Flanders street. 2 story frame, owned by Geo. Marshall, vacant; vacant; cause, sparks from chimney; no loss.

**Tuesday 12th, 7:40 p. m. Box 315.**

False alarm.

**Monday 18th, 10:20 p. m. Still.**

No. 235 Second street. 3 story brick, owned by Labbe Bros., and occupied by Streibig & Humason as a drug store; cause, upsetting of lard; no loss.

**Tuesday 19th, 2:50 p. m. Still.**

No. 146 Second street. 2 story brick, owned by W. Woods, and occupied by Seid Bach as a Chinese store; cause, burning flue; no loss.

**Saturday 23d, 12:55 a. m. Box 35.**

No. 549 Madison street. 1 story frame, owned by P. Toohey, and occupied by him as a residence; cause, overheated stove; loss, \$874; insurance, \$1000.

**Saturday 23d, 7:00 a. m. Still.**

No. 549 Madison street. 1 story frame, owned by P. Toohey, and occupied by him as a residence; cause, same fire breaking out again; no loss.

**Saturday 23d, 6:45 p. m. Still.**

No. 142 Fourth street. 1 story frame, owned by J. E. Brigham, and occupied by N. Shipper as a shoe store; cause, upsetting of oil lamp; no loss.

**Sunday 24th, 1:55 a. m. Box 12.**

No. 145 Front street. 2 story brick, owned by Hunsaker Estate, and occupied by P. J. Cronin as a saddlery store; cause, unknown; loss, \$907.54; insurance, \$8400.

**Sunday 24th, 1:55 a. m. Box 12.**

No. 147 Front street. 2 story brick, owned by Rosenblatt Estate, and occupied by C. H. Pawley as a saloon; cause, unknown; loss, \$1420.60; insurance, \$2000.

**Monday 25th, 8:30 a. m. Still.**

False alarm.

**Monday 25th, 11:20 p. m. Box 27.**

No. 39 North Fifteenth street. 2 story frame, owned by Mrs. Keating, and occupied by D. S. McClane as a residence; cause, defective furnace; loss, \$35, insurance, \$2000.

**Wednesday 27th, 7:40 p. m. Box 142.**

No. 250 Burnside street. 1½ story frame, owned by J. Sinnott, and occupied by him as a tailor store; cause, defective flue; no loss.

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**MARCH.****Friday 1st, 2:15 a. m. Box 43.**

Foot of Pettigrove street. 1 story frame, owned by C. G. Wells, and occupied by Northwest Cold Storage Company as a warehouse; cause, unknown; loss, \$10,800; insurance, \$23,000.

**Friday 1st, 2:15 a. m. Box 43.**

Foot of Pettigrove street. 1 story frame, owned by F. C. Barnes, and occupied by him as a cannery; cause, unknown; loss, \$1119; insurance, \$10,000.

**Friday 1st, 6:50 p. m. Still.**

False alarm.

**Friday 1st, 12:00 p. m. Still.**

No. 68 Fourth street. 1 story frame, owned by Van B. DeLashmut, and occupied by Miss Blanche as a residence; cause, burning flue; no loss.

**Saturday 2d, 11:30 a. m. Box 37.**

No. 286 College street. 2 story frame, owned by Dr. W. Koehler, and occupied by J. George as a residence; cause, burning flue; no loss.

**Saturday 2d, 3:25 a. m. Still.**

No. 288 College street. 2 story frame, owned by Dr. W. Koehler, and occupied by J. George as a residence; cause, burning soot; no loss.

**Sunday 3d, 9:20 a. m. Box 215.**

No. 230 East Seventh street. 1 story frame, owned by J. Anderson, and occupied by J. Glensky as a residence; cause, defective flue; no loss.

**Tuesday 5th, 5:50 p. m. Box 18.**

Foot of Johnson street. 2 story frame, owned by Flanders Estate, and occupied by Allen & Lewis as a wharf; cause, incendiary; no loss.

**Thursday 7th, 2:00 a. m. Still.**

No. 828 East Alder street. 1½ story frame, owned by Gus Loes, and occupied by him as a residence; cause, unknown; loss, \$1000; insurance, \$1000.

**Monday 11th, 1:20 p. m. Box 326.**

Corner Tenth and Beach streets. 1 story frame, owned by J. C. Stanley, and occupied by him as a residence; cause, explosion of oil stove; loss, \$400; insurance, \$400.

**Tuesday 12th, 8:20 p. m. Box 26.**

No. 332 Seventeenth street. 1 story frame, owned by M. Reynolds, and occupied by Miss Willis as a residence; cause, burning flue; no loss.

**Wednesday 13th, 9:30 a. m. Box 48.**

No. 449 Lovejoy street. 1 story frame, owned by Thos. Allen, and occupied by O. Swenson as a residence; cause, sparks from chimney; loss, \$10; insurance, \$750.

**Wednesday 13th, 11:00 a. m. Still.**

Foot of Oak street. 1 story frame, owned by Cone & Noonan, and occupied by them as a wood yard; cause, sparks from smokestack; loss, \$250.

**Wednesday 13th, 1:45 p. m. Box 142.**

No. 68 Fourth street. 1 story frame, owned by Van B. DeLashmut, and occupied by Mrs. Blanche as a residence; cause, sparks from chimney; no loss.

**Wednesday 13th, 3:35 p. m. Box 142.**

No. 28 Third street. 2 story frame, owned by James Davis, and occupied by G. Shurtz as a saloon; cause, sparks from chimney; loss, \$115; insurance, \$2000.

**Wednesday 13th, 7:25 p. m. Box 52.**

No. 236 Main street. 1 story frame, owned by McKinley Estate, and occupied by W. M. Clark as a store room; cause, explosion of oil stove, loss, \$345; insurance, \$3750.

**Thursday 14th, 12:55 p. m. Still.**

Corner Third and Flanders streets. 2 story frame, owned by Wolff & Zwicker, and occupied by H. Pander as a junk store; cause, sparks from smokestack; no loss.

**Thursday 14th, 12:05 p. m. Box 38.**

No. 348 Front street. 1½ story frame, owned by Mrs. I. B. Lewis, and occupied by S. Hochfeld & Co. as a residence; cause, sparks from chimney; loss, \$15; insurance, \$1600.

**Friday 15th, 12:05 a. m. Box 13.**

No. 130 Second street. 2 story brick, owned by Chung Wa Co., and occupied by them as a Chinese store; cause, burning flue; no loss.

**Saturday 16th, 2:50 a. m. Box 72.**

No. 1082 Corbett street. 1½ story frame, owned by Portland Trust Company, and occupied by F. Muller as a residence; cause, incendiary; loss, \$2000; insurance, \$2000.

**Saturday 16th, 6:05 a. m. Box 46.**

No. 713 Washington street. 2 story frame, owned by G. O. Bailey, and occupied by E. S. Benson as a residence; cause, hot ashes in barrel; loss, \$1250; insurance, \$3800.

**Wednesday 20th, 1:05 a. m. Still.**

No. 310½ First street. 3 story brick, owned by W. H. Monnastes, and occupied by Annie Henderson as a lodging house; cause, incendiary; loss, \$295; insurance, \$12,500.

**Friday 22d, 7:55 a. m. Still.**

False alarm.

**Friday 22d, 2:50 p. m. Box 15.**

No. 228 Burnside street. 2 story frame, owned by A. D. Martini; vacant, as a residence; cause, defective flue; loss, \$5.

**Saturday 23d, 8:05 a. m. Box 142.**

No. 73 Fifth street. 1 story frame, owned by C. Aliskey, and occupied by Mrs.



Bergand as a residence; cause, lighted cigar stump; loss, \$45.50; insurance, \$800.

**Sunday 24th, 8:45 p. m. Box 12.**

Nos. 132 and 134 Front street. 2 story brick, owned by H. W. Corbett, and occupied by various as a printing office; cause, spontaneous combustion; loss, \$6274.12; insurance, \$18,920.

**Thursday 28th. Still.**

False alarm.

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**APRIL.**

**Monday 1st, 10:05 p. m. Box 13.**

No. 268 Washington street. 4 story brick, owned by Holman & Fliedner, and occupied by E. Eyssell as a drug store; cause, unknown; loss, \$1344; insurance \$28,750.

**Wednesday 3d, 7:45 a. m. Box 15.**

Corner Vine and Ankeny streets. 4 story brick, owned by Bank of British Columbia, and occupied by owner as a bank; cause, hot ashes in wood box; loss, \$35; insurance, \$34,000.

**Thursday 4th, 3:00 a. m. Box 24.**

No. 449 Glisan street. 1 story frame, owned by Mrs. W. Wallace, and occupied by J. D. Tiedeman as a saloon; cause, hot ashes in wood box; loss, \$151.35; insurance, \$1650.

**Friday 5th, 11:05 a. m. Still.**

Northern Pacific Terminal Yards. Freight car, owned by N. P. R. R. Co.; cause, breaking carboy of acid; loss, \$10.

**Saturday 6th, 8:55 p. m. Box 25.**

Corner Fourteenth and Northup streets. 1 two-story and 6 one-story frames, owned by Portland Iron Works and others, and occupied by owners as machine shop and residences; cause, unknown; loss, \$41,518.75; insurance, 49,400.

**Wednesday 10th, 12:15 a. m. Box 142.**

False alarm.

**Saturday 20th, 1:35 a. m. Box 21.**

No. 168 Fifth street. 6 story brick, owned by J. Goodenough, and occupied by Y.

Niehida Co. as a Japanese store; cause, unknown; loss, \$642.28; insurance, \$31,000.

**Monday 22d, 5:30 p. m. Box 31.**

625½ First street. 2 story frame, owned by J. Whalen, and occupied by G. Hannam as a residence; cause, defective stovepipe; loss, \$21.75; insurance, \$1000.

**Tuesday 23d, 1:45 a. m. Box 42.**

No. 368 Twenty-second street. 2 story frame, owned by G. Canavan, and occupied by him as a grocery store; cause, explosion of oil lamp; loss, \$268; insurance, \$1200.

**Tuesday 23d, 5:35 p. m. Box 27.**

No. 23 North Fourteenth street. 2 story frame, owned by Mrs. Verdier, and occupied by Beno & Ballis as a warehouse; cause, sparks from chimney; loss, \$32; insurance, \$1000.

**Wednesday 24th, 5:40 p. m. Still.**

Corner Third and Flanders streets. 2 story frame, owned by Wolff & Zwicker, and occupied by H. Pander as a junk store; cause, sparks from smokestack; no loss.

**Thursday 25th, 9:10 p. m. Box 39.**

Corner Water and Hall streets. 2 story frame, owned by Herral & Zimmerman, and occupied by them as a stable; cause, sparks from locomotive; loss, \$250; insurance, \$600.

**Friday 26th, 8:25 p. m. Box 31.**

No. 129 Sheridan street. 1 story frame, owned by N. McCayitt, and occupied by J. Sandlow as a residence; cause, unknown; loss, \$1082; insurance, \$500.

**Friday 26th, 8:30 p. m. Box 37.**

For same fire.

**Monday 29th, 2:35 a. m. Box 21.**

False alarm.

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**MAY.**

**Wednesday 1st, 11:40 p. m. Box 14.**

No. 43 Second street. 3 story brick, owned by Mrs. Verdier, and occupied by various tenants as lodging house and stores; cause, burning flue; loss, \$3,500; \$12,500.

**Sunday 5th, 1:50 p. m. Still.**

No. 170 Chapman street. 1 story frame, owned by D. Emerick, and occupied by P. J. Davis as a residence; false alarm.

**Tuesday 7th, 7:30 a. m. Box 324.**

No. 846 Montana avenue. 1 story frame, owned by F. D. Morton, and occupied by him as a residence; cause, defective flue; loss, \$364; insurance, \$600.

**Tuesday 7th, 7:45 a. m. Still.**

No. 228 Union avenue. 1 story frame, owned by H. Wittenberg, and occupied by him as a residence; cause, defective flue; loss, 53.50; insurance, \$1600.

**Friday 10th, 8:30 p. m. Box 326.**

False alarm.

**Saturday 11th, 9:10 p. m. Box 36.**

Nos. 401 and 407 Tenth street. 3 story frame, owned by J. W. Yocum, and occupied by owner and others as residences; cause, lamp setting fire to curtain; loss, \$2648.56; insurance, \$10,300.

**Sunday 12th, 10:15 p. m. Box 329.**

No. 816 Tillamook street. 2 story frame, owned by G. J. Thompson, and occupied by him as a residence; cause, unknown; loss, \$1550; insurance, \$1100.

**Monday 13th, 1:35 a. m. Box 72.**

Corner Hamilton avenue and Kelly street. 2 story frame, owned by F. Hellen, and occupied by him as a residence; cause, unknown; loss, \$3605.50; insurance, \$4400.

**Monday 13th, 1:35 a. m. Box 73.**

False alarm.

**Monday 13th, 2:55 a. m. Box 15.**

No. 224 Burnside street. 1 story brick, owned by O'Shea Bros., and occupied by Boo Woo as a tailor shop; cause, burning charcoal; no loss.

**Wednesday 15th, 11:45 a. m. Box 341.**

No. 147 Knott street. 1 story frame, owned by J. S. Church, and occupied by Hunge Bros, as a residence; cause, defective flue; loss, \$21.60; insurance, \$400.

**Tuesday 21st, 9.20 p. m. Box 8.**

No. 175 Tenth street. 2 story frame, owned by J. P. Evans, and occupied by him as a residence; cause, burning flue; no loss.

**Wednesday 22d, 10:00 p. m. Still.**

No. 1407 Oneonta street. 1 story frame, owned by J. W. Bannon, and occupied by J. Kubik as a residence; cause, upsetting of lamp; loss, \$700; insurance, \$500.

**Wednesday 22d, 10:00 p. m. Still.**

No. 1409 Oneonta street. 1 story frame, owned by B. F. Harvey; vacant, as a residence; cause, from adjoining fire; loss, \$1270; insurance, \$1000.

**Sunday 26th, 11:10 p. m. Box 51.**

No. 180 Third street. 3 story frame, owned by J. F. Cordray, and occupied by L. Trummer as a saloon; cause, electric light wire; loss, \$25; insurance, \$6500.

**Thursday 30th, 2:40 p. m. Box 13.**

No. 247 Alder street. 2 story brick, owned by Dew Vick, and occupied by him as a Chinese store; cause, lamp explosion; no loss.

**JUNE.****Sunday 2d, 4:10 a. m. Box 25.**

No. 202 Fifteenth street. 2 story frame, owned by Cleveland Oil & Paint Co., and occupied by owners as paint works; cause, spontaneous combustion; loss, \$12,513.74; insurance, \$12,000.

**Wednesday 5th, 1:35 p. m. Box 32.**

No. 500 Jefferson street. 2½ story frame, owned by J. P. Ward, and occupied by F. Rigler as a residence; cause, defective flue; loss, \$100; insurance, \$1500.

**Wednesday 5th, 9:55 p. m. Box 45.**

No. 69 Eighth street. 2 story frame, owned by Mrs. Potter, and occupied by Mrs. McCarty as a lodging house; cause, incendiary; no loss.

**Wednesday 5th, 11:30 p. m. Still.**

No. 629 Thurman street. 1 story frame, owned by H. Holsheimer, and occupied by him as a residence; cause, overheated stove; loss, \$212; insurance, \$1200.

**Friday 7th, 10:25 a. m. Box 59**

No. 354 Harrison street. 1½ story frame, owned by Mrs. Rogers, and occupied by her as a residence; cause, defective flue; loss, \$9; insurance, \$600.

**Friday 7th, 10:25 a. m. Box 59.**

No. 406 Park street. 1 story frame, owned by Mrs. Rogers; vacant, occupied as a residence; cause, from adjoining fire; loss, \$9; insurance, \$400.

**Saturday 8th, 2:35 p. m. Box 19.**

No. 100 Front street: false alarm

**Monday 10th, 9:30 a. m. Still.**

No. 108½ Fourth street. 3 story brick, owned by Kunkel & Co., and occupied by Mrs. Everts as a lodging house; cause, flames from oil stove; loss, \$65; insurance, \$5000.

**Monday 10th, 5:40 p. m. Still.**

Corner Third and Flanders streets. 2 story frame, owned by Wolff & Zwicker, and occupied by H. Pander as a junk store; cause, sparks from smokestack; no loss.

**Monday 10th, 6:00 p. m. Box 38.**

No. 207 Market street. 1½ story frame, owned by Mrs. Bird, and occupied by her as a residence; cause, sparks from chimney; loss, \$5.

**Wednesday 12th, 12:05 p. m. Still.**

No. 55 North First street. 2 story frame, owned by J. Simon, and occupied by L. T. Beagle as a hotel; cause, burning grease; loss, \$5; insurance, \$600.

**Wednesday 12th, 3:25 p. m. Box 231.**

No. 72 Union avenue. 2 story frame, owned by J. Burkhard, and occupied by Collins & Rifan as a hotel; cause, sparks from chimney; loss, \$15; insurance, \$1000.

**Wednesday 12th, 9:30 p. m. Still.**

Southern Pacific car shops. 1 story frame, owned by Southern Pacific R. R. Co., and occupied by owner as a car shed; cause, unknown; loss, \$12,975.

**Thursday 13th, 5:05 a. m. Box 126.**

No. 293 First street. 3 story brick, owned by Meade Estate, and occupied by D. W. Crone as a grocery store; cause, upsetting of lamp; loss, \$34.50; insurance, \$10,250

**Wednesday 19th, 11:45 a. m. Box 37.**

Baker and Seventh streets (terrace.) 1½ story frame, owned by J. Barrett, and occupied by him as a residence; cause, children playing with matches; loss, \$47.25; insurance, \$1300.

**Thursday 20th, 5:00 p. m. Still.**

No. 101 Eighteenth street. 1½ story frame, owned by Mrs. Jackson, and occupied by her as a residence; cause, fireworks; no loss.

**Thursday 20th, 10:45 p. m. Still.**

No. 281 Water street. 2 story frame, owned by Van B. DeLashmutt, and occupied by P. Merry as a lodging house; cause, upsetting of lamp; loss, \$175; insurance, \$1800.

**Friday 21st, 6:30 p. m. Still.**

No. 384 East Seventh street. 1½ story frame, owned by E. Doering, and occupied by J. Marcus as a residence; cause, children playing with matches; loss, \$5.

**Saturday 22d, 2:10 p. m. Box 54.**

No. 303 Ash street. 1½ story frame, owned by Northrup & Sturgis, and occupied by them as a soda works; cause, sparks from smokestack; loss, \$2.50; insurance, \$5350.

**Tuesday 25th, 10:30 p. m. Still.**

Corner Third and Hawthorne avenue. Elevated roadway; cause, burning rubbish; no loss.

**Wednesday 26th, 3:55 a. m. Box 37.**

No. 595 Fourth street. 2 story frame, owned by R. Smith, and occupied by Ban-naes & Co. as a bakery; cause, overheated oven; no loss.

**Friday 28th, 1:05 a. m. Box 73.**

No. 835 Macadam street. 1 story frame, owned by unknown; vacant, shed; cause, unknown; no loss.

**Sunday 30th, 11:35 a. m. Box 214.**

Corner East Clay and Water streets. 2 story frame, owned by H. Alger; vacant; cause, unknown; no loss.

**Sunday 30th, 12:15 p. m. Box 13.**

No. 268 Washington street. 4 story brick, owned by Fliedner & Holman, and occupied by E. Eyssell as a drug store; cause, explosion of chemicals; loss, \$137; insurance, \$28,750.

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**JULY.****Monday 1st, 8:25 a. m. Box 341.**

No. 222 Borthwick street. 1 story frame, owned by A. Arnberg, and occupied by J. Lyons as a residence; cause, defective flue; loss, \$5.

**Monday 1st, 8:10 p. m. Box 14.**

No. 73 Second street. 3 story brick, owned by city of Portland, and occupied by police department as a city jail; cause, burning flue; no loss.

**Wednesday 3d, 3:00 a. m. Box 73.**

Macadam and Gaines streets. 1 story frame, owned by unknown; vacant, shed; cause, unknown; no loss.

**Wednesday 3d, 5:20 p. m. Still.**

No. 204 Washington street. 2 story frame, owned by Mrs. Failing, and occupied by H. Meyer as a saloon; cause, firecrackers; no loss.

**Wednesday 3d, 7:40 p. m. Box 7.**

No. 335 Clay street. 2 story frame, owned by W. S. Ladd Estate, and occupied by Mrs. D. McDowell as a residence; cause, firecrackers; no loss.

**Wednesday 3d, 11:20 p. m. Box 325.**

No. 825 Williams avenue. 1 story frame, owned by J. Smith, and occupied by him as a junk store; cause, unknown; loss, \$15.

**Thursday 4th, 3:40 a. m. Box 51.**

No. 163 Second street. 3 story brick, owned by Rothchild Bros., and occupied by Tivoli Saloon Co. as a saloon; cause, unknown; loss, \$2009; insurance, \$20,000.

**Thursday 4th, 9:30 a. m. Still.**

Twenty-third and Washington streets. Cause, tree on fire; no loss.

**Thursday 4th, 9:40 a. m. Still.**

No. 287½ First street. 3 story brick, owned by D. Monnastes, and occupied by W. Trevore as a bakery; cause, overheated oven; \$52 loss; insurance, \$1250.

**Sunday 7th, 7:30 p. m. Still.**

No. 243 Morrison street. 2 story brick, owned by B. B. Arbuckle, and occupied by Rothchild & Sterns as a clothing store; cause, sparks from electric light; loss, \$16; insurance, \$7500.

**Sunday 7th, 11:05 a. m. Still.**

No. 307 Clay street. 2 story frame, owned by F. E. Beach, and occupied by Mrs. Peak as a lodging house; cause, defective flue; loss, \$5; insurance, \$800.

**Tuesday 9th, 12:20 p. m. Box 61.**

Front and Burnside streets. Bridge approach, owned by city of Portland; cause, lighted cigar stump; no loss.

**Thursday 11th, 1:40 a. m. Box 329.**

No. 653 Weidler street. 2 story frame, owned by Mrs. M. A. Shane, and occupied by her as a residence; cause, unknown; loss, \$2916; insurance, \$4000.

**Thursday 11th, 3:00 p. m. Box 312.**

No. 53 Railroad street. 1 story frame, owned by J. Gruber, and occupied by him, as a residence; cause, sparks from chimney; loss, \$5.

**Friday 12th, 3:30 p. m. Box 39.**

Foot of Harrison street. 2 story frame, owned by Smith Bros. & Co., and occupied by owners as a box factory; cause, machinery getting hot; no loss; insurance, \$6800.

**Saturday 12th, 12:05 a. m. Box 73.**

Macadam and Gaines streets. 1 story frame, owned by unknown; vacant, shed; cause, unknown; no loss.

**Saturday 13th, 10:40 p. m. Box 246.**

No. 5 East Twenty-eighth street. 1½ story frame, owned by T. M. Watson, and occupied by him as a residence; cause, overheated stove; loss, \$134; insurance, \$1000.

**Wednesday 17th, 9:35 a. m. Box 73.**

Macadam street. 1 story frame, owned by unknown; vacant, shed; cause, unknown; no loss.

**Thursday 18th, 5:00 p. m. Box 324.**

No. 805 Minnesota avenue. 2 story frame, owned by W. Chambers, and occupied by him as a residence; cause, children playing with matches; loss, \$5; insurance, \$600.

**Saturday 20th, 5:30 p. m. Box 134.**

No. 329 Main street. 1 story frame, owned by Burke Estate; a shed; cause, children playing with matches; no loss.

**Sunday 21st, 9:35 p. m. Box 59.**

No. 411 Seventh street. 1½ story frame, owned by W. Shower, and occupied by J. Klimesch as a residence; cause, explosion of lamp; loss, \$643.30; insurance, \$1600.

**Monday 22d, 11:40 a. m. Box 25.**

Twelfth and Northrup streets. 1 story frame, owned by Sisters of Charity, and occupied by owners as a hospital; cause, sparks from chimney; no loss.

**Friday 26th, 12:35 a. m. Box 523.**

False alarm.



**Friday 26th, 5:20 p. m. Still.**

Corner First and Everett streets. Cause, burning rubbish; no loss.

**Monday 29th, 1:30 a. m. Still.**

Ninth and Pettigrove streets. Cause, burning sawdust; no loss.

**Monday 29th, 11:10 p. m. Box 253.**

No. 747 Brooklyn street. 1 story frame, owned by H. H. Emmons, and occupied by T. H. Benfeel as a residence; cause, upsetting of lamp; loss, \$642; insurance, \$1600.

**Wednesday 31st, 9:45 a. m. Box 36.**

No. 427 Harrison street. 2 story frame, owned by Allen & Pehn, and occupied by W. Ryan as a residence; cause, defective flue; no loss.

**Wednesday 31st, 7:55 p. m. Box 135.**

No. 109 Fifth street. 2 story frame, owned by Meade Estate, and occupied by Jeffrey & Bingham as an art store; cause, defective furnace; loss, \$10; insurance, \$13,500.

**Wednesday 31st, 11:15 p. m. Still.**

Corner East Third and Oak streets. Cause, roadway on fire; no loss.

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**AUGUST.****Sunday 4th, 3:55 a. m. Still.**

Steel bridge. Cause, roadway on fire; no loss.

**Wednesday 7th, 6:00 a. m. Still.**

No. 23 North Fourteenth street. 1 story frame, owned by Mrs. Verdier, and occupied by Portland Laundry Company as a laundry; cause, defective furnace; no loss.

**Tuesday 6th, 4:50 p. m. Still.**

No. 244 Burnside street. 3 story brick, owned by Closett & Devers, and occupied by them as a spice mill; cause, sparks from smokestack; no loss.

**Friday 9th, 3:25 a. m. Box 326.**

Tenth and Beach streets. Cause, brush on fire; no loss.

**Saturday 10th, 9:40 p. m. Still.**

No. 101 East Thirty-sixth street. 1 story frame, owned by J. W. Bole, and occupied by E. T. Johnson as a residence; cause, children playing matches; no loss.

**Thursday 15th, 2:45 a. m. Box 13.**

No. 226 Second street. 3 story brick, owned by G. P. Rummelin; vacant; cause, incendiary; no loss.

**Saturday 17th, 9:15 a. m. Still.**

No. 403 Harrison street. 2 story frame, owned by J. N. Mattschek, and occupied by Mrs. Cain as a residence; cause, defective flue; no loss.

**Sunday 18th, 11:45 a. m. Box 327.**

Corner East Sixth and Mason streets. 1 story frame, owned by T. Taylor, and occupied by him as a residence; cause, defective flue; loss, \$600; insurance, \$300.

**Friday 30th, 12:20 a. m. Box 52.**

Corner Fourth and Madison streets. 2 story frame, owned by H. Weinhard, and occupied by J. Sechtem as a saloon; cause, loose matches; no loss.

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**SEPTEMBER.**
**Friday 6th, 1:05 a. m. Box 45.**

No. 150 Tenth street. 1½ story frame, owned by A. L. Maxwell, and occupied by Oregon Ice Company as a stable; cause, unknown; loss, \$4750; insurance, \$1750.

**Friday 6th, 1:05 a. m. Box 45.**

No. 144 Tenth street. 1 story frame, owned by R. Livingstone, and occupied by O. Johnson as a residence; cause, from adjoining fire; loss, \$1031; insurance, \$1100.

**Friday 6th. 1:45 p. m. Telephone.**

Cause, same fire.

**Friday 6th, 7:00 p. m. Still.**

No. 591 Fifth street. 1 story frame, owned by F. Silcocks, and occupied by A. C. Cotter as a residence; cause, burning flue; no loss.

**Saturday 7th, 5:15 a. m. Box 91.**

Twenty-second and Nicolai streets. 1 story frame, owned by B. Eagan, and occupied by him as a saloon; cause, lamp explosion; loss, \$119; insurance, \$320.

**Sunday 8th, 7:10 p. m. Still.**

No. 31 $\frac{1}{2}$  Fourth street. 1 story brick, owned by Thompson Estate, and occupied by Miss Adrienne as a residence; cause, burning flue; no loss.

**Friday 13th, 10:55 p. m. Still.**

Corner Adler and Park streets. 2 story brick, owned by Arlington Building Association, and occupied by owners as a club house; cause, defective range; loss, \$190; insurance, \$27,000.

**Friday 20th, 1:10 a. m. Box 314.**

No. 48 Albina avenue. 2 story frame, owned by James Down, and occupied by him as a residence; cause, lamp explosion; no loss.

**Monday 23d, 10:40 a. m. Still.**

No. 187 Sixteenth street. 2 story frame, owned by Kahn Bros., and occupied by them as a residence; cause, burning flue; no loss.

**Tuesday 24th, 8:20 a. m. Still.**

Foot of East Caruthers street. Cause, burning sawdust; no loss.

**Wednesday 25th, 1:05 a. m. Box 43.**

No. 521 Savier street. 2 story frame, owned by Mrs. M. Roelf, and occupied by Mrs. Hol as a hotel; cause, unknown; loss, \$1120.95; insurance, \$2050.

**Wednesday 25th, 4:10 a. m. Still.**

Cause, same fire.

**Saturday 28th, 11:10 a. m. Box 215.**

No. 408 Hawthorne avenue. 1 $\frac{1}{2}$  story frame, owned by Thomas Hislop, and occupied by F. Wolfean as a residence; cause, defective flue; loss, \$215; insurance, \$950.

**Saturday 28th, 10:50 p. m. Box 234.**

Corner East Seventh and Belmont streets. 1 story frame, owned by D. Jackson, and occupied by J. Humphrey as a stable; cause, unknown; loss, \$1200; insurance, \$750.

**Monday 30th, 7:50 p. m. Box 81.**

No. 207 Gibbs street. 1 story frame, owned by M. Smith, and occupied by F. Winsor as a residence; cause, upsetting oil lamp; loss, \$446; insurance, \$733.

**OCTOBER.****Tuesday 8th, 6:10 p. m. Still.**

No. 434 Morrison street. 2 story frame, owned by L. Mayer, and occupied by S. Hirsch as a residence; cause, burning flue; no loss.

**Tuesday 8th, 7:15 p. m. Box 325.**

No. 886 Cleveland street. 1 story frame, owned by T. Allison, and occupied by him as a residence; cause, defective flue; loss, \$300; insurance, \$300.

**Thursday 10th, 2:45 p. m. Still.**

No. 513 Glisan street. 2 story frame, owned by A. Saling, and occupied by J. H. Honey as a residence; cause, hot ashes in barrel; no loss.

**Sunday 13th, 11:05 a. m. Telephone.**

No. 9 Sixth street, North. 5 story stone, owned by Snell, Heithsu & Woodard, and occupied by owners as a drug house; cause, crossing of electric wire; no loss.

**Monday 14th, 7:20 p. m. Box 19.**

No. 100 First street. 3 story brick, owned by Northwest Loan & Trust Company, and occupied by S. Stemme as a glove factory; cause, unknown; loss, \$3568.75; insurance, \$15,700.

**Monday 14th, 7:20 p. m. Box 19.**

No. 100 First street. 3 story brick, owned by Northwest Loan & Trust Company, and occupied by Madden & Crawford as a printing office; cause, unknown; loss, \$65.25; insurance, \$1700.

**Tuesday 15th, 1:00 p. m. Still.**

No. 275 Alder street. 4 story brick, owned by J. Wilson, and occupied by various stores; cause, hot ashes in pit; no loss.

**Saturday 19th, 6:10 p. m. Box 92.**

Northern Pacific Terminal Depot. Cause, burning rubbish; no loss.

**Saturday 19th, 8:20 p. m. Still.**

Northern Pacific Terminal Depot. Cause, burning rubbish; no loss.

**Saturday 19th, 8:10 p. m. Still.**

No. 532 Couch street. 2 story frame, owned by G. Tuttle, and occupied by J. T. Walls as a residence; cause, hot ashes in barrel; no loss.

**Wednesday 23d, 12:30 p. m. Box 13.**

No. 113 Third street. 2 story frame, owned by W. S. Ladd Estate, and occupied by F. C. Barnes as a restaurant; cause, sparks from chimney; no loss.

**Wednesday 24th, 4:10 p. m. Box 43.**

Foot of Raleigh street. 1 story iron, owned by W. S. M. L. & M. Co., and occupied by owners as an engine room; cause, sparks from machinery; no loss.

**Saturday 26th, 7:10 a. m. Still.**

No. 53 Third street. 2 story frame, owned by Seneca Smith, and occupied by B. Wise as a cigar store; cause, sparks from stove; loss, \$13; insurance, \$1000.

**Saturday 26th, 11:15 a. m. Still.**

No. 515 Flanders street. 1 story frame, owned by Mrs. Shea, and occupied by her as a residence; cause, burning flue; no loss.

**Saturday 26th, 5:00 p. m. Still.**

No. 280 Fourth street. 2 story frame, owned by E. P. McCormack, and occupied by Mrs. Lewis as a residence; cause, defective flue; loss, \$301.50; insurance, \$1400.

**Saturday 26th, 8:25 p. m. Box 327.**

No. 768 East Ninth street. 2 story frame, owned by Russell, McLeod & Blythe; vacant, residence; cause, unknown; loss, \$900; insurance, \$900.

**Monday 28th, 3:40 p. m. Still.**

No. 548 Rodney avenue. 1 story frame, owned by W. F. Seeley, and occupied by T. J. Hoenick as a wood shed; cause, unknown; loss, \$25.

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**NOVEMBER.****Monday 4th, 5:15 p. m. Box 12.**

Foot of Yamhill street. Dock, owned by W. S. Ladd Estate, and occupied by E. Hughes as a warehouse; cause, defective flue; no loss.

**Monday 4th, 7:00 p. m. Telephone.**

No. 1615 Macadam road. 2 story frame, owned by R. Riegelman, and occupied by him as a saloon; cause, defective flue; loss, \$2700; insurance, \$2700.

**Tuesday 5th, 6:40 p. m. Box 341.**

No. 117 Russell street. 2 story frame, owned by Mrs. A. Bilger, and occupied by H. Fischer as a lodging house; cause, defective flue; loss, \$6; insurance, \$1100.

**Tuesday 5th, 7:30 p. m. Still.**

No. 294 Columbia street. 2 story frame, owned by M. Zeller, and occupied by him as a residence; cause, burning flue; no loss.

**Tuesday 5th, 7:45 p. m. Still.**

No. 435 East Ankeny street. 1½ story frame, owned by J. Harkins, and occupied by C. W. Evans as a residence; cause, defective flue; no loss.

**Thursday 7th, 11:40 a. m. Still.**

No. 290 Sellwood street. 2 story frame, owned by J. P. Watson, and occupied by E. E. Snow as a residence; cause, defective flue; no loss.

**Thursday 7th, 7:00 p. m. Still.**

No. 263 Knott street. 1 story frame, owned by C. Stark, and occupied by him as a residence; cause, defective flue; no loss.

**Sunday 10th, 1:30 a. m. Sellwood.**

Corner Seventh and Central streets. 2 story frame, owned by M. Schultz, and occupied by him as a residence; cause, unknown; loss, \$1500; insurance, \$1100.

**Sunday 10th, 8:00 p. m. Still.**

Goldsmith and Tillamook streets. Elevated roadway; cause, burning rubbish; no loss.

**Monday 11th, 7:35 p. m. Box 36.**

No. 361 Eleventh street. 1½ story frame, owned by E. Frank, and occupied by H. M. Clinton as a residence; cause, defective flue; loss, \$316.50; insurance, \$1300.

**Wednesday 13th, 10:30 a. m. Still.**

No. 534 Washington street. 1 story frame, owned by Portland Consolidated Street Railway Company, and occupied by owners as a car barn; cause, burning pitch; no loss.

**Wednesday 13th, 6:15 p. m. Still.**

No. 115 Fifteenth street. 2 story frame, owned by J. Lawrence, and occupied by him as a residence; cause, burning flue; no loss.

**Friday 15th, 8:10 p. m. Box 218.**

No. 754 East Oak street. 2 story frame, owned by A. M. Johnson, and occupied by him as a residence; cause, defective flue; loss, \$800; insurance, \$1000.

**Saturday 16th, 6:10 a. m. Box 18.**

Foot of Johnson street. 1 story frame, owned by Southern Pacific Railway Company, and occupied by R. J. Holmes as an office; cause, sparks from stove; loss, \$12.

**Tuesday 19th, 6:15 p. m. Still.**

No. 54 Front street. 1 story brick, owned by H. W. Corbett, and occupied by Wm. Isuse as a machine shop; cause, sparks from forge; no loss.

**Saturday 23d, 4:00 p. m. Box 142.**

No. 243 Davis street. 1 story frame, owned by L. L. Hawkins, and occupied by Miss George as a residence; cause, lamp explosion; loss, \$70; insurance, \$50.

**Saturday 23d, 4:00 p. m. Box 142.**

No. 57 Second street. 2 story frame, owned by L. L. Hawkins, and occupied by T. Lamar as a saloon; cause, from adjoining fire; loss, \$83.40 insurance, \$300.

**Sunday 24th, 5:00 p. m. Box 216.**

No. 164 East Sixteenth street. 1 story frame, owned by P. W. Thomas, and occupied by him as a residence; cause, explosion of gasoline stove; no loss.

**Tuesday 26th, 7:10 p. m. Box 45.**

No. 332 Glisan street. 3 story frame, owned by W. Pfunder, and occupied by J. Deering as a barber shop; cause, upsetting oil lamp; loss, \$41; insurance, \$10,200.

**Wednesday 27th, 11:45 a. m. Still.**

No. 996 East Belmont street. 2 story frame, owned by F. S. McDaniels, and occupied by him as a residence; cause, defective flue; loss, \$15.

**Thursday 28th, 7:00 p. m. Still.**

No. 1005 East Main street. 2 story frame, owned by J. Johnson, and occupied by W. May as a residence; cause, lamp explosion; no loss.

**DECEMBER.****Monday 2d, 9:50 a. m. Box 134.**

No. 235 Fifth street. 2 story frame, owned by J. G. Woodworth, and occupied by E. Agnew as a residence; cause, defective flue; no loss.

**Wednesday 4th, 6:35 p. m. Box 35.**

No. 551 Market street. 2 story frame, owned by A. Bord, and occupied by him as a residence; cause, defective flue; no loss.

**Saturday 7th, 4:45 p. m. Box 54.**

No. 42 Third street. 1 story iron, owned by Ainsworth Estate, and occupied by Edwards Bros. as a museum; cause, lamp explosion; loss, \$5.

**Thursday 12th, 7:15 p. m. Telephone.**

No. 363 First street. 2 story frame, owned by Jas. Wilson, and occupied by F. Routledge as a fruit stand; cause, burning flue; no loss.

**Friday 13th, 7:05 p. m. Box 49.**

False alarm.

**Monday 16th, 7:20 p. m. Box 38.**

No. 375 Front street. 2 story frame, owned by L. Burbank, and occupied by Mrs. Pontejoy as a residence; cause, burning flue; no loss.

**Saturday 21st, 9:35 p. m. Still.**

No. 68½ Fourth street. 1 story frame, owned by Van B. DeLashmutt, and occupied by E. Jones as a residence; cause, burning flue; no loss.

**Saturday 21st, 9:45 p. m. Still.**

No. 355 Front street. 2 story frame, owned by S. G. Reed Estate, and occupied by T. A. Cate as a feed stable; cause, burning flue; no loss.

**Sunday 22d, 5:55 p. m. Box 345.**

No. 871 Cleveland avenue. 1 story frame, owned by unknown, and occupied by F. Richardson as a residence; cause, burning flue; no loss.

**Tuesday 24th, 4:20 p. m. Still.**

No. 668 Everett street. 2 story frame, owned by Mrs. Swinton, and occupied by her as a residence; cause, burning flue; no loss.

**Friday 27th, 9:15 a. m. Box 47.**

No. 101 Eighteenth street. 2 story frame, owned by O'Shea Bros., and occupied by W. T. Jacobs as a residence; cause, lamp explosion; loss, \$316.35; insurance, \$2800.

**Saturday 28th, 12:15 p. m. Still.**

No. 209 East Thirty seventh street. 1½ story frame, owned by T. F. Gannon, and



occupied by him as a residence; cause, sparks from stove; loss, \$566; insurance, \$700.

**Saturday 28th, 4:20 a. m. Telephone.**

Below Albina. Frame structure, owned by Portland Flouring Mill Company, and occupied by owners as a flouring mill; cause, heated machinery; loss, \$117.82; insurance, \$15,000.



ANNUAL REPORT OF ENGINE COMPANY NO. 1  
 LOCATION—170 Fourth street

No. of Badge	Name	Position	Age	Occupation	Residence
3	J. E. Young	Foreman	28	Marble Cutter	Engine House
4	H. McMullen	Engineer	49	Engineer	Engine House
5	G. E. Collins	Engine Driver	39	Teamster	Engine House
6	G. W. Baldwin	Hose Driver	33	Teamster	Engine House
7	J. V. Yane	Extraman	28	Packer	Engine House
8	L. L. Paverio	Extraman	54	Contractor	Engine House
9	J. A. Buchtel	Extraman	24	Stuffer	Engine House
10	H. J. Blaesing	Extraman	25	Marble Cutter	Engine House
11	A. E. Austin	Extraman	27	Painter	Engine House

Number of alarms responded to : Bell, 66. Still, 14. Telephone, 11. Number of hours in service, 77:10.

*Appointments*—A. E. Austin, March 15, 1895. C. Hoops, March 15, 1895.

*Resignations*—B. Kringsellback, March 15, 1895. J. Cambell, March 15, 1895. M. L. Bussbey, March 20, 1895.

*Transfers*—G. W. Baldwin, from Engine No. 5, March 20, 1895. J. A. Buchtel, from Engine No. 3, March 21, 1895. C. Hoops to Engine No. 3, March 21, 1895. H. J. Blaesing, from Hose No. 1, June 24, 1895.

*Inventory*—1 second-class Clapp & Jones engine, fully equipped, 1 two-horse hose wagon, fully equipped, 4 horses, 2000 feet cotton hose. House fully furnished.

ANNUAL REPORT OF ENGINE COMPANY NO. 3  
 LOCATION—Washington street, near Sixteenth

No. of Badge	Name	Position	Age	Occupation	Residence
23	J. Conc	Foreman	38	Core Maker	Engine House
24	Wm. Wascher	Engineer	62	Engineer	Engine House
25	J. Fraincy	Engine Driver	35	Teamster	Engine House
26	Benj. Woods	Cart Driver	39	Teamster	Engine House
27	H. Lokey	Extraman	27	Plumber	Engine House
28	P. Spies	Extraman	31	Teamster	Engine House
34	Chas. Hoopes	Extraman	36	Bricklayer	Engine House
30	Seth Weller	Extraman	30	Teamster	Engine House

Number of alarms responded to: Bell, 63. Still, 7. Telephone, 6. Number of hours in service, 54450.

*Appointments*—J. Fraincy, March 22, 1895. Chas Hoopes, March 21, 1895. Seth Weller, March 24, 1895.

*Resignations*—Seth Weller, March 22, 1895.

*Transfers*—J. Buchtel, March 21, 1895, to Engine No. 1.

*Inventory*—1 fourth-class Silsby engine, fully equipped, in good order, 1 fifth-class Silsby engine, in good order, 1 hose cart, fully equipped, in good order, 800 feet rubber hose, in good condition, 1 set double harness, 1 set single harness, 3 horses.

ANNUAL REPORT OF ENGINE COMPANY NO. 4  
 LOCATION—East side of Fourth, between Mill and Montgomery streets

No. of Badge	Name	Position	Age	Occupation	Residence
33	T. D. Richardson	Foreman	34	Machinist	Engine House
34	G. L. Stewart	Engine	41	Engineer	Engine House
35	J. E. Fields	Engine Driver	40	Teamster	Engine House
36	W. L. Keller	Hose Driver	35	Butcher	Engine House
37	J. A. Ryan	Extraman	34	Machinist	Engine House
38	O. F. Harkins	Extraman	31	Surveyor	Engine House
39	J. S. Kingsley	Extraman	37	Timer	270 Montgomery street
40	Ben. F. Greene	Extraman	23	Printer	Engine House

Number of alarms responded to: Bell, 59. Still, 6. Telephone, 4. Number of hours in service, 59.

*Appointments*—B. Webb, engineer, Jan. 7. G. L. Stewart, engineer, Mar. 21. Ben. Greene, extraman, Aug. 3.

*Resignations*—A. B. Gardner, engineer, Jan. 7. B. Webb, engineer, Mar. 21. J. P. Murphy, extraman, Aug. 3.

*Inventory*—1 third-class Clapp & Jones engine, fully equipped, 1 two-wheel hose cart, 3 horses, 800 feet of rubber hose.

ANNUAL REPORT OF ENGINE COMPANY NO. 5  
LOCATION--South Front and Gibbs streets

No. of Badge	Name	Position	Age	Occupation	Residence
79	A. C. Cooke	Foreman	33	Salesman	572 First street
80	P. Griffen	Engineer	42	Engineer	Engine House
81	Frank Capen	Engine Driver	28	Driver	Engine House
82	L. N. Riley	Hose Driver	31	Driver	193 Gibbs street
83	B. F. Jones	Extraman	36	Druggist	Front and Gibbs street
84	R. L. Kenny	Extraman	25	Japanner	Engine House
85	J. K. Carr	Extraman	30	Lather	Engine House
88	C. L. Dick	Extraman	24	Liveryman	Engine House

Number of alarms responded to: Bell, 23. Still, 2. Telephone, 1. Number of hours in service, 26:10.

*Appointments*—Geo. Baldwin, engine driver, March 15. Frank Capen, engine driver, March 20. C. L. Dick, extraman, Oct. 1. J. W. Jolly, extraman, March 25. L. N. Riley, promoted from extraman to hose driver, Oct. 1.

*Resignations*—A. Peterson, engine driver, March 15. Fred Winsor, hose driver, expelled, Oct. 1.

*Transfers*—Geo. Baldwin, to Engine No. 1, March 20. J. W. Jolly, to Engine No. 6, April 3.

*Inventory*—1 fourth-class Amoskeag engine and one hose wagon, fully equipped, 850 feet rubber hose, 4 horses.

ANNUAL REPORT OF ENGINE COMPANY NO. 6

LOCATION—Twentyieth, between Quimby and Raleigh streets

No. of Badge	Name	Position	Age	Occupation	Residence
89	W. N. St. Clair	Foreman	26	Teamster	653 Quimby street
90	W. Edwards	Driver	34	Teamster	310 North 20th street
94	M. King	Extraman	24	Butcher	Hose House
96	M. McNulty	Extraman	32	Contractor	Hose House
97	H. St. Clair	Extraman	30	Pressman	633 Savier street
91	J. J. Gotthart	Extraman	36	Sticker-hand	666 Raleigh street
98	J. A. Versteeg	Extraman	26	Expressman	655 Quimby street

Number of alarms responded to: Bell, 22. Still, 2. Telephone, 1. Number of hours in service, 35:45.

*Appointments*—J. J. Gotthart, foreman, March 6. J. J. Gotthart, extraman, March 20. W. N. St. Clair, from driver to foreman, March 20. H. St. Clair, extraman, Oct. 1. J. A. Versteeg, extraman, Dec. 5.

*Resignations*—A. Clausen, Dec. 4. D. Thomson, March 20. W. A. Hart, March 6.

*Transfers*—G. L. Stewart to Engine 4, March 21. G. W. Jolly, from Engine 5, April 3. G. W. Jolly, to Truck 3, October 1.

*Inventory*—1 second-class Amoskeag engine and heater, complete, 1 hose wagon, fully equipped, 1 Coffee marker, 1 Coffee unhitcher, 1 Gamewell fire alarm gong, 2 Babcocks, 750 feet rubber hose, 2 horses, 1 set double harness.

ANNUAL REPORT OF ENGINE COMPANY NO. 1  
LOCATION—East Third and East Pine streets

No. of Badge	Name	Position	Age	Occupation	Residence
109	J. W. Warner	Foreman	29	Cornice Maker	Engine House
110	A. J. Fellows	Engineer	41	Engineer	Engine House
111	S. Stafford	Engine Driver	58	Teamster	Engine House
112	J. R. Penney	Hose Driver	27	Teamster	Engine House
113	M. L. Flynn	Extraman	30	Painter	Engine House
115	F. P. Keenan	Extraman	33	Carpenter	Engine House
118	A. Turbull	Extraman	23	Laborer	Engine House
117	E. A. Scofield	Extraman	41	Laborer	E. 12th and E. Ash streets

Number of alarms responded to: Bell, 142. Still, 5. Number of hours in service, 19:20.

*Appointments*—S. D. Penney, February 7, 1895.

*Resignations*—J. F. Resing, February 6, 1895.

*Transfers*—J. W. Warner, Extraman to Foreman, Feb. 15, 1895. F. P. Keenan, from Truck No. 4, March 4, '95.

*Inventory*—1 fourth-class Waterous engine, fully equipped, 1 two-horse hose wagon, equipped with 800 feet good rubber hose, pipes, lanterns, etc., two double sets swinging harness, four horses.

*NOTE*—One second-class Silsby Engine, one four-wheel hose reel, in reserve.

ANNUAL REPORT OF ENGINE COMPANY NO. 8.  
LOCATION—Corner Williams and Russell Avenues.

No. of Badge	Name	Position	Age	Occupation	Residence
119	E. S. Craig	Foreman	48	Car repairer	Engine House
120	Geo. W. Reuter	Engineer	42	Engineer	Engine House
121	L. C. Brown	Engine Driver	41	Teamster	Engine House
122	J. A. Moon	Hose Driver	38	Teamster	Engine House
123	M. A. McEachern	Extraman	33	Groceryman	122 Russell street
124	N. R. Donlan	Extraman	23	Maclhinist	Corner Russell and Rodney ave
126	Jas. Menefee	Extraman	40	Painter	289 Russell street
127	J. F. Wilson	Extraman	33	Carpenter	454 Rodney avenue
151	Casper Wegant	Extraman	35	Blacksmith	827 Williams avenue

Number of alarms responded to: Bell, 23. Still, 9. Telephone 1. Number of hours in service, 39.21.

*Appointments*—Casper Wegant, April 11.

*Resignations*—March 3: Jake Kildow, H. Gutttscheck, E. S. Andrews and Peter Gorman.

*Transfers*—January 14: E. S. Andrews from Truck 5, Chas. Campbell to Truck 5. March 3: W. D. Heath to Truck 4. L. P. Brown from Truck 5, J. A. Moon, M. A. McEachern, N. R. Donlan, and J. F. Wilson from Truck 5

*Inventory*—1 fifth-class Clapp & Jones engine, fully equipped, 1 Silsby heater, 1 hose wagon, 4 horses, 2 sets swinging harness, 4 spring hangers, fully equipped, 1000 feet of rubber hose.



ANNUAL REPORT OF HOOK AND LADDER COMPANY NO. 1.  
LOCATION—168 Fourth Street, bet. Morrison and Yamhill.

No. of Badge	Name	Position	Age	Occupation	Residence
43	A. G. Stephan	Foreman	32	Map-mounter	168 Fourth street
44	A. Richardson	Driver	34	Teamster	168 Fourth street
45	S. Glendon	Extraman	30	Teamster	168 Fourth street
46	W. R. Maxfield	Extraman	33	Lineman	168 Fourth street
47	Z. Elliott	Extraman	31	Porter	168 Fourth street
48	A. Weitz	Extraman	40	Butcher	168 Fourth street
49	G. Brill	Extraman	34	Lineman	168 Fourth street
50	C. L. Smith	Extraman	32	Lineman	168 Fourth street
51	C. Judge	Extraman	24	Plumber	168 Fourth street
52	C. Hallett	Extraman	32	Lineman	168 Fourth street

Number of alarms responded to: Bell, 52. Still, 14. Telephone 11. Number of hours in service, 60.

*Appointments*—Claud L. Smith, Aug. 1. Chas. Judge, Aug. 1.

*Resignations*—Stewart Creighton, Aug. 1. A. G. McClane, Aug. 1. Thomas Parkerson, October 1.

*Transfers*—C. Hallett, from Hook and Ladder 3, October 1.

*Inventory*—1 first-class Hayes truck, fully equipped, 1 3-horse hitch harness, all complete, 3 swing harness, 3 horses.

ANNUAL REPORT OF HOOK AND LADDER COMPANY NO. 2.  
 LOCATION—East Side of Fourth Street, bet. Mill and Montgomery.

No. of Badge	Name	Position	Age	Occupation	Residence
69	T. Greuffel	Foreman	37	Teamster	Truck House
70	O. F. Hussey	Driver	40	Teamster	Truck House
71	W. B. Sloan	Extraman	27	Lineman	293 Montgomery street
72	P. Neimes	Extraman	30	Teamster	275 Montgomery street
73	F. Jackson	Extraman	42	Blacksmith	369 Third street
74	C. Braden	Extraman	35	Teamster	Truck House
75	W. A. Groce	Extraman	26	Teamster	275 Montgomery street
76	J. Fraser	Extraman	26	Teamster	Truck House
77	M. Thornton	Extraman	27	Electrician	Truck House
78	W. Ramsdell	Extraman	25	Blacksmith	Truck House

Number of alarms responded to: Bell, 58. Still, 7. Telephone, 3. Number of hours in service, 60.

*Appointments*—C. Braden, April 11.

*Resignations*—W. Cosgrove, April 11.

*Inventory*—1 second-class Hayes Truck, fully equipped, 3 horses.

ANNUAL REPORT OF HOOK AND LADDER COMPANY NO. 3.  
LOCATION—North Side of Glisan Street, bet. Fourteenth and Fifteenth.

No. of Badge	Name	Position	Age	Occupation	Residence
99	L. W. Maloney	Foreman	43	Mill hand	Truck House
100	D. B. Fuller	Driver	34	Teamster	Truck House
101	E. Thayer	Extraman	43	Bricklayer	14th and Everett
102	G. W. Jolly	Extraman	30	Teamster	Truck House
103	P. W. Taggart	Extraman	47	Carpenter	15th and Glisan
104	H. McClincy	Extraman	26	Bricklayer	Truck House
105	Wm. McMahon	Extraman	35	Porter	Truck House
106	I. Dennerly	Extraman	42	Teamster	Truck House
107	E. Lowrie	Extraman	24	Glazier	Truck House
108	R. Cullins	Extraman	35	Electrician	11th and Flanders

Number of alarms responded to: Bell, 58. Still, 3. Telephone, 7. Number of hours in service, 49:15.

*Appointments*—I. Dennerly, May 1. L. W. Maloney, Foreman, Jan. 7. E. Lowrie, May 1.

*Resignations*—A. Walsh, May 1. J. J. McFarland, May 1.

*Transfers*—Chas. Hallett to Truck 1, Oct. 1. G. W. Jolly from Hose 6, Oct. 1. W. Kerrigan to Hose 2, Jan. 7.

*Inventory*—1 third-class Hayes Truck, fully equipped, 2 horses, 1 double set of harness.

ANNUAL REPORT OF HOOK AND LADDER COMPANY NO. 4.  
 LOCATION—Holladay Avenue, between Union and Grand Avenue.

No. of Badge	Name	Position	Age	Occupation	Residence
145	C. F. Neale	Foreman	29	Carragesmith	Truck House
146	W. D. Heath	Driver	27	Teamster	Truck House
147	W. Smith	Extraman	26	Cabinet-maker	Truck House
148	D. Penney	Extraman	25	Barber	Truck House
149	G. Bailey	Extraman	29	Surveyor	Truck House
150	J. Griffin	Extraman	26	Teamster	Truck House
151	C. Campbell	Extraman	23	Painter	Truck House
152	T. Tigard	Extraman	34	Laborer	Truck House
153	D. Lloyd	Extraman	36	Blacksmith	Truck House
154	E. Laing	Extraman	22	Laborer	Truck House

Number of alarms responded to: Bell, 24. Still, 2. Telephone, 1. Number of hours in service, 41:10.

*Appointments*—E. Lang, March 3.

*Resignations*—March 3: P. Foline, M. D. George, W. Siefarth, W. O. White.

*Transfers*—March 3: C. Campbell, D. M. Lloyd, T. Tigard, from Truck No. 5, (disbanded), W. D. Heath, from Engine 8, F. Keenan to Engine 7.

*Inventory*—1 third-class Hayes Truck, fully equipped, 3 horses.

## ANNUAL REPORT OF HOSE COMPANY NO. 1.

LOCATION—245 Everett Street.

No. of Badge	Name	Position	Age	Occupation	Residence
53	H. J. White	Foreman	33	Fireman	Hose House
54	Wm. Brown	Driver	36	Teamster	Hose House
55	J. P. White	Extraman	31	Linemn	63 North 6th street
56	J. O'Day	Extraman	24	Butcher	Hose House
60	L. J. St. Clair	Extraman	23	Porter	Hose House
58	J. O'Connor	Extraman	29	Trimmer	331 Ankeny street
59	J. Holland	Extraman	41	Dairyman	Hose House

Number of alarms responded to: Bell, 132. Still, 12. Telephone, 3. Number of hours in service, 84:55.

*Appointments*—J. P. White, March 4. J. J. St. Clair, March 4. J. O'Day, Feb. 3.

*Resignations*—A. Wilson, March 4. E. Leonard, Feb. 4.

*Transfers*—H. J. Bleasing, to Engine 1, June 24.

*Inventory*—1 four wheel Hose carriage, fully equipped, 2 horses, 1 set double harness, complete, 800 feet rubber hose, 1 14 inch gong, 1 Coffee recorder, 1 set of unhitchers.

ANNUAL REPORT OF HOSE COMPANY NO. 2.

LOCATION—273 First Street, bet. Madison and Jefferson.

No. of Badge	Name	Position	Age	Occupation	Residence
61	W. R. Kerrigan	Foreman	32	Stone Mason	Hose House
62	J. W. Smith	Driver	36	Teamster	Hose House
64	Claude Smith	Extraman	23	Clerk	Hose House
67	F. J. Fletcher	Extraman	27	Clerk	Hose House
66	J. Simpson	Extraman	29	Light Trimmer	Hose House
68	J. F. McCullough	Extraman	29	Light Trimmer	Hose House
63	Emmett Filler	Extraman	27	Engineer	Hose House

Number of alarms responded to: Bell, 81. Still, 9. Telephone, 5. Number of hours in service, 56:50.

Transfers—W, R. Kerrigan, from Truck No. 3, Jan. 7. P. Manciet, to Chemical No. 2, Jan. 7.

Inventory—1 four-wheel Hose Wagon, fully equipped, 1 double set of harness, 1600 feet of cotton hose, 50 feet of rubber hose, 1 span of horses, in good condition.

## ANNUAL REPORT OF HOSE COMPANY NO. 3.

LOCATION—East Seventh, bet. East Harrison and Stephens.

No. of Badge	Name	Position	Age	Occupation	Residence
129	L. C. Holden	Foreman	30	Carpenter	Hose House
135	W. G. Lang	Driver	30	Teamster	Hose House
133	D. S. Painter	Extraman	31	Chair Maker	Hose House
134	L. J. Gardner	Extraman	30	Trimmer	Hose House
130	F. Oliver	Extraman	29	Laborer	Hose House
136	H. M. Burt	Extraman	32	Expressman	Hose House
147	Gus C. Pilger	Extraman	29	Barber	Hose House

Number of alarms responded to: Bell, 11. Still, 5. Number of hours in service, 18:45.

*Appointments*—W. G. Lang, driver, April 23.

*Resignations*—John Lloyd, extraman, April 23.

*Transfers*—E. Oliver, from driver to extraman, April 23.

*Inventory*—1 Amoskeag Hose Carriage, 850 feet rubber hose, all in good condition, 2 horses, and harness.

ANNUAL REPORT OF HOSE COMPANY NO. 5.

LOCATION—180 East Thirty-fourth Street.

No. of Badge	Name	Position	Age	Occupation	Residence
114	M. E. Gruber . . . . .	Foreman . . . . .	32	Carpenter . . . . .	Hose House . . . . .
131	L. G. Carpenter . . . . .	Driver . . . . .	34	Drayman . . . . .	Hose House . . . . .

Number of alarms responded to: Bell, 4. Number of hours in service, 6.

*Inventory*—1 Hose Wagon, fully equipped, 700 feet of rubber hose, 2 Babcocks, 2 horses, 1 set of double harness, and house fully equipped.



## ANNUAL REPORT OF CHEMICAL COMPANY NO. 1.

LOCATION—69 Second Street, bet. Oak and Pine.

No. of Badge	Name	Position	Age	Occupation	Residence
150	A. W. Dolson	Foreman	30	Leather	Engine House
151	T. Springer	Driver	37	Teamster	Engine House
152	B. Webb	Pipeman	29	Engineer	Engine House

Number of alarms responded to: Bell, 50. Still, 11. Telephone, 15. Number of hours in service, 48:20.

*Appointments*—B. Webb, Pipeman, May 31. A. W. Dolson, from Pipeman to Foreman, May 31.

*Transfers*—G. H. Wemple, to District Engineer, south of Morrison street.

*Inventory*—1 3½ Champion Chemical, double, 60 gallons, fully equipped, 2 horses and harness, all in good condition, 250 feet of chemical hose, in good condition.

ANNUAL REPORT OF CHEMICAL COMPANY NO. 2.

LOCATION—273 First Street, bet. Madison and Jefferson.

No. of Badge	Name	Position	Age	Occupation	Residence
153	Peter Manciet	Foreman	31	Tinsmith	Engine House
155	Archie Graham	Driver	29	Carpenter	Engine House
154	Carl Evans	Pipeman	24	Painter	Engine House

Number of alarms responded to: Bell, 65. Still, 9. Telephone, 5. Number of hours in service, 42:30.

*Appointments*—P. Manciet, from Hose Co. No. 2, Jan. 7.

*Transfers*—B. Webb, to Engine No. 4, Jan. 7.

*Inventory*—1 No. 3½ Champion Chemical, double, 60 gallons, fully equipped, 2 horses and harness complete.

## ANNUAL REPORT OF CHEMICAL COMPANY NO. 3.

LOCATION—227 Union Avenue, North.

No. of Badge	Name	Position	Age	Occupation	Residence
146	Walter S. Carns	Foreman	37	Machinist	Engine House
148	Wm. H. Butterfield	Driver	41	Teamster	Engine House
149	Charles Clark	Pipeman	60	Teamster	Engine House

Number of alarms responded to: Bell, 17. Still, 1. Number of hours in service, 17:30.

*Inventory*—1 No. 3½ Champion Chemical, double, 60 gallons, in good order and fully equipped, 2 horses and harness, in good order.

## FIRE HYDRANTS.

*North of Morrison Street.*

Front and Pettygrove, S W cor	Seventh and Flanders, N W cor
Front and Quimby, S W cor	Seventh and Hoyt, N W cor
Front and Raleigh, S W cor	Seventh and Johnson, N W cor
Front and Savier, S W cor	East Park and Alder, N E cor
Front and Thurman, S W cor	*West Park and Washington, S W cor
First and Burnside, S E cor	Park and Burnside, S W cor
Second and Davis, S W cor	Park and Davis, S W cor
Second and Oak, N W cor	Park and Glisan, N E cor
Third and Alder, N W cor	Tenth and Alder, S W cor
Third and Stark, S W cor	Tenth and Morrison, N W cor
Third and Pine, S W cor	Tenth and Johnson, N E cor
*Third and Ankeny, N W cor	Eleventh and Stark, S E cor
*Third and Burnside, S W cor	Eleventh and Burnside, N W cor
*Third and Couch, S W cor	Eleventh and Everett, S E cor
*Third and Davis, S W cor	Eleventh and Flanders, N W cor
*Third and Everett, S W cor	Twelfth and Davis, S E cor
Third and Oak, S E cor	Twelfth and Glisan, S E cor
*Third and Flanders, S W cor	Twelfth and Lovejoy, S E cor
*Fourth and Washington, N E cor	Twelfth and Northrup, S E cor
Fourth and Alder, S E cor	Fourteenth and Alder, S W cor
Fourth and Davis, S W cor	Fourteenth and Washington, N W cor
Fourth and Everett, N E cor	Fourteenth and Savier, S W cor
Fourth and Glisan, N W cor	Thirteenth and Flanders, N E cor
Fifth and Washington, N E cor	Thirteenth and Kearney, N E cor
Fifth and Oak, N E cor	Fourteenth and Davis, S W cor
Fifth and Ankeny, S E cor	Fourteenth and Johnson, S W cor
Fifth and Couch, S E cor	Fourteenth and Overton, S W cor
Fifth and Hoyt, S E cor	Fourteenth and Quimby, S W cor
Fifth and Flanders, N E cor	Fifteenth and Flanders, S W cor
*Sixth and Alder, N E corner	Fifteenth and Thurman, S W cor
Sixth and Stark, S W cor	Sixteenth and Washington, S E cor
Sixth and Pine, S W cor	Sixteenth and Hoyt, N W cor
Sixth and Couch, N W cor	Sixteenth and Kearney, S W cor
Sixth and Glisan, N W cor	Sixteenth and Northrup, S W cor
*Sixth and Irving, N W cor	Sixteenth and Pettygrove, N W cor
Seventh and Davis, S E cor	Sixteenth and Savier, N W cor
Seventh and Wilson, N W cor	Seventeenth and Flanders, N W cor
*New hydrants.	

## FIRE HYDRANTS.—Continued.

*North of Morrison Street.*

Seventeenth and Marshall, N.W. cor	Twenty-second and Irving, S. E. cor
Seventeenth and Upshur, N.W. cor	Twenty-second and Lovejoy, S. E. cor
Seventeenth and Davis, S.W. cor.	Twenty-second and Northrup, S. E. cor
Eighteenth and Everett, N.W. cor	Twenty-second and Pettygrove, S. E. cor
Eighteenth and Irving, N.W. cor	Twenty-second and Savier, S. E. cor
Eighteenth and Quimby, N. E. cor	Twenty-second and Thurman, S. E. cor
Eighteenth and Overton, N. E. cor	Twenty-second and Upshur, N. E. cor
Eighteenth and Kearney, N.W. cor	Twenty-second and Wilson, N. E. cor
Eighteenth and Savier, S. E. cor	Twenty-second and York, N. E. cor
Nineteenth and Burnside, S. E. cor	Twenty-second and Nicolai, N. E. cor
Nineteenth and Davis, S. E. cor	*Twenty-third and Wash., N. E. cor
Nineteenth and Flanders, S. E. cor	Twenty-third and Flanders, S. E. cor
Nineteenth and Hoyt, S. E. cor.	Twenty-third and Glisan, S. E. cor
Nineteenth and Johnson, S. E. cor	Twenty-third and Hoyt, S. E. cor
Nineteenth and Irving, S. E. cor	Twenty-third and Johnson, N. E. cor
Nineteenth and Lovejoy, S. E. cor	Twenty-third and Lovejoy, N. E. cor
Nineteenth and Northrup, S. E. cor	Twenty-third and Northrup, N.W. cor
Nineteenth and Pettigrove, S. E. cor.	Twenty-third and Quimby, N.W. cor
Nineteenth and Raleigh, S. E. cor.	Twenty-third and Savier, N.W. cor
Nineteenth and Thurman, N.W. cor	Twenty-fourth and Wash., N.W. cor
Nineteenth and Upshur, N. E. cor	Twenty-fourth and Flanders, N. E. cor
Nineteenth and Wilson, N. E. 100 ft.	Twenty-fourth and Johnson, N. E. cor
Twentieth and Washington, N. E. cor	Twenty-fourth and Kearney, S. W. cor
Twentieth and Everett, S. E. cor	Twenty-fourth and Lovejoy, N.W. cor
Twentieth and Irving, S. E. cor.	Twenty-fourth and Northrup, N.W. cor
Twentieth and Kearney, S. E. cor	Twenty-fourth and Pettygrove, N.W. cor.
Twentieth and Marshall	Twenty-fourth and Savier, N. E. cor
Twentieth and Quimby, N.W. cor	*Twenty-fifth and Hoyt, St.Vin't Hospital
Twentieth and Thurman, N. W. cor	Twenty-fifth and Savier, N. E. cor
Twenty-first and Hoyt, S. E. cor	Twenty-sixth and Savier, N. E. cor
Twenty-first and Johnson, S. E. cor	Twenty-seventh and Savier, N. E. cor.
Twenty-first and Quimby, N. E. cor	Twenty-seventh and Thurman, N. E. cor
Twenty-first and Savier, N. E. cor	Twenty-ninth and Raleigh, N. W. cor.
Twenty-first and Northrup, N.W. cor	King and Wayne, S.W. cor
Twenty-first and Flanders, S. E. cor	St. Clare and Wayne, S. W. cor.
Twenty-second and Wash., N. E. cor	*Thirty-fourth and Franklin, N.W. cor.
Twenty-second and Everett, S. E. cor	N. Front and Hull, N.W. cor
Twenty-second and Glisan, S. E. cor	

\*New hydrants.

North Pacific Mill Yard, 8 hydrants.

Total number of hydrants north of Morrison street, 157.

## FIRE HYDRANTS.

*South of Morrison Street.*

Front and Lincoln, S W cor	Sixth and Clay, N E cor
Front and Caruthers, S W cor	Sixth and Harrison, S W cor
Front and Porter, N W cor	Sixth and Sherman, S E cor
Front and Gibbs, N E cor	Sixth and Sheridan, N E cor
Front and Curry, N E cor	Seventh and Morrison, S W cor
Front and Meade, S E cor	Seventh and Market, S E cor
Front and Hamilton, S E cor	Seventh and Montgomery, N E cor
First and Grant, S E cor	Seventh and Jackson, N E cor
First and Sheridan, S E cor	Seventh and Lincoln, N E cor
First and Hooker, S E cor	Seventh and Grant, N E cor
First and Woods, S E cor	West Park and Morrison, N W cor
First and Whittaker, S E cor	West Park and Yamhill, N E cor
First and Penoyer, S E cor	*West Park and Salmon, S W cor
Second and Porter, N E cor	*West Park and Jefferson, N W cor
Second and Lincoln, N E cor	West Park and Clay, N W cor
*Third and Yamhill, S W cor	West Park and Mill, S W cor
*Third and Salmon, S W cor	West Park and Harrison, S W cor
*Third and Madison, S W cor	West Park and College, S W cor
Third and Clay, N W cor	Tenth and Salmon, N W cor
Third and Market, S W cor	Tenth and Yamhill, S W cor
Third and Sheridan, N W cor	Eleventh and Salmon, N W cor
Third and Hooker, N E cor	Twelfth and Jefferson, N W cor
Fourth and Salmon, N E cor	Thirteenth and Salmon, N W cor
*Fourth and Madison, S E cor	Thirteenth and Columbia, S W cor
Fourth and Jefferson, N W cor	Thirteenth and Montgomery, N W cor
Fourth and Harrison, N E cor	Fourteenth and Morrison, S W cor
Fourth and Lincoln, N E cor	Fourteenth and Taylor, N W cor
Fourth and Sheridan, N E cor	Fourteenth and Main, S W cor
Fifth and Salmon, S W cor	Fourteenth and Jefferson, S W cor
Fifth and Main, S E cor	Fourteenth and Clay, N W cor
Fifth and Jefferson, S E cor	Fifteenth and Mill, N W cor
Fifth and Columbia, S W cor	Fifteenth and Columbia, N W cor
Fifth and Grant, S W cor	Fifteenth and Clay, N W cor
Sixth and Yamhill, S E cor	Fifteenth and Market, N W cor

\*New hydrants.

## FIRE HYDRANTS.--Continued.

*South of Morrison Street.*

Sixteenth and Taylor, S E cor	Macadam and Hamilton ave.
Sixteenth and Montgomery, N E cor	Macadam and Seymore
Sixteenth and Elizabeth, N E cor	Macadam and Texas
*Seventeenth and Jefferson, S E cor	Macadam road, between Texas and City
Seventeenth and Clay, N E cor	Limits, 7 hydrants
Twentieth and Spring, N E cor	Corbett and Porter, N W cor
Twentieth and Laurel, N W cor	Corbett and Gibbs, S E cor
Twentieth and Jackson, S W cor	Corbett and Curry, S E cor
Chapman and Morrison, S E cor	Corbett and Gaines, S E cor
Chapman and Taylor, N E cor	Corbett and Abernathy
Chapman and Main, N W cor	Corbett and Hamilton ave
*Chapman and Madison, N W cor	Corbett and Lowell ave
Chapman and Myrtle, S E cor	Hood and Hall, N E cor
Chapman and Elizabeth, S W cor	Hood and Lincoln, N W cor
Chapman and Mill, N. E. cor	Hood and Caruthers, S W cor
Stout and Main, S W cor	Hood and Meade, S W cor
Stout and Madison, N W cor	Hood and Grover, S E cor
Stout and Jefferson, S W cor	Hood and Whittaker, S E cor
King and Park ave., N E cor	Hood and Pennoyer, S E cor
St. Clare and Park ave., N E cor	Water and Columbia, S W cor
Ford and Main, N E cor	Water and Clay, S W cor
Macadam and Gaines, W S cor	Water and Mill, N E cor
Macadam and Lane, W S cor	Water and Montgomery, N E cor
Macadam and Abernathy, S W cor	Water and Harrison, N E cor
Macadam and Thomas, E S	Water and Grover, S W cor
Macadam and Laurel ave	Water and Hooker, S W cor
Macadam and Bancroft	

\*New hydrants.

Smith's Saw Mill, 2 hydrants.

Pennoyer's Saw Mill, 2 hydrants.

Total number of hydrants south of Morrison street, 130.

## FIRE HYDRANTS.

*Eastern District.*

Water and E. Clay, S E cor	Sixth and E. Pine, S W cor
Water and Hawthorne ave, S W cor	Sixth and E. Ankeny, S E cor
First and E. Clay, S E cor	Seventh and E. Grant, S E cor
First and E. Morrison, N W cor	Seventh and E. Harrison, S E cor
*First and E. Washington, S W cor	Seventh and E. Mill, N E cor
*First and E Stark, S W cor	Seventh and E. Clay, S E cor
First and E. Oak, S E cor	Seventh and E. Morrison, S W cor
Third and East Mill, N E cor	Seventh and Multnomah, S W cor
Union ave. and Ivon, N E cor	Eighth and Brooklyn, N W cor
Union ave. and Caruthers, S W cor	Eighth and E. Sherman, N E cor
Paulson Mill and Yards	Eighth and E. Lincoln, S E cor
Paulson Mill and Yards	*Eighth and Stephens, S W cor
Union ave. and E. Clay, S E cor	Eighth and E. Morrison, S W
Union ave. and E. Morrison, N E cor	*Eighth and E. Pine, S E cor
Union ave. and E. Alder, N E cor	*Eighth and East Burnside, S E cor
Union ave. and E. Washington, S E cor	Eighth and Broadway, S W cor
Union ave. and E. Oak, S E cor	Ninth and E. Sherman, S W cor
Union ave. and E. Pine, N E cor	Ninth and E. Clay, S W cor
Union ave. and E. Ankeny, N E cor	Ninth and Belmont, S W cor
Union ave. and E. Couch, S E cor	Ninth and E. Washington, S W cor
Union ave. and E. Davis, N E cor	Ninth and E. Davis, S W cor
Union ave. and E. Glisan, N E cor	Ninth and Holladay ave., S E cor
Union ave. and E. Oregon, N E cor	Ninth and Multnomah, S W cor
Union and Holladay ave., N E cor	Tenth and E. Caruthers, S W cor
Union ave. and Multnomah, S E cor	Tenth and E. Market, S E cor
Union ave. and Weidler, S E cor	Tenth and E. Oak, S W cor
Fifth and Taggart, N E cor	Tenth and E. Ankeny, S E cor
Fifth and E. Lincoln, N E cor	Milwaukie and Fredrick, S W cor
Fifth and Stephens, S E cor	Milwaukie and Powell, N. E. cor
Fifth and E. Clay, N E cor	Milwaukie and Rhone
Fifth and E. Salmon, S E cor	Milwaukie and Caywood
Fifth and E. Yambill, S E cor	Milwaukie and Baldwin Switch
Fifth and E. Morrison, S E cor	Milwaukie and Center
Fifth and E. Washington, S E cor	Milwaukie and Ash
Fifth and Broadway, S W cor	Eleventh and E. Sherman, S E cor
Sixth and Belmont, S W cor	Eleventh and East Lincoln, S E cor
Sixth and E. Oak, N E cor	

\*New hydrants.



## FIRE HYDRANTS.—Continued.

*Eastern District.*

Eleventh and Stephens, S E cor	Twenty-sixth and E. Ankeny, S W cor
Eleventh and East Clay, S E cor	Twenty-eighth and Broadway, S W cor
Twelfth and Belmont, S W cor	Thirtieth and E. Stark, S E cor
Twelfth and E. Morrison, S E cor	Thirtieth and E. Ankeny, S W cor
Twelfth and E. Washington, S W cor	Thirty-first and E. Taylor, N E cor
Twelfth and E. Oak, S E cor	Thirty-first and E. Pine, N E cor
Twelfth and E. Pine, S E cor	Thirty-second and E. Belmont, N E cor
Twelfth and E. Ankeny, S E cor	Thirty-third and E. Morrison, N E cor
Twelfth and E. Couch, S E cor	Thirty-fourth and E. Alder, N W cor
Twelfth and E. Davis, S E cor	Thirty-fourth and Belmont, S W cor
Twelfth and Broadway, S W cor	Thirty-fourth and E. Stark, S E cor
Thirteenth and Powell, S W cor	Thirty-fourth and E. Taylor, S E cor
Fourteenth and Rhein, S E cor	Thirty-fourth and E. Main, S E cor
Fourteenth and Belmont, S W cor	Thirty-fourth and Hawthorne ave, NE cor
Fourteenth and E. Pine, S W cor	Thirty-fifth and E. Madison, N E cor
Fifteenth and Clinton, S E cor	Thirty-fifth and E. Taylor, N W cor
Fifteenth and Broadway, S W cor.	Thirty-sixth and E. Main, N E cor
Sixteenth and E. Main, S E cor	Marguerite and Murray ave
Sixteenth and E. Morrison, S W cor	Marguerite ave., 400 ft. N. of Murray ave
Sixteenth and E. Ankeny, S E cor	Larrabee and Holladay ave, S E cor
Sixteenth and E. Davis, S E cor	Larrabee and Halsey, S E cor
Eighteenth and Powell, N W cor	Larrabee and Dixon, S E cor
Eighteenth and Clinton, S W cor	Benton and Clackmas, S E cor
Nineteenth and E. Stark, N E cor	Ross and Cherry, N E cor
Nineteenth and E. Oregon, S E cor	Ross and Dixon, S W cor
*Twentieth and E. Main, N E cor	Wheeler and Clackamas, S W cor
Twentieth and E. Morrison, N W cor	Second and Multnomah, S E cor
Twentieth and E. Irving, S W cor	Second and Halsey, N E cor
*Twenty-first and E. Bush, N E cor	*Sixth and Clackmas, S W cor
Twenty-first and E. Powell, S E cor	Williams ave and Cherry, S E cor
Twenty-first and E. Beacon, S W cor	Railroad and Randolph, S W cor
Twenty-first and Brooklyn, S E cor	Railroad and Russell, N E cor
Twenty-first and Broadway, S E cor	Goldsmith and Randolph, N E cor
*Twenty-second and E. Taylor, S E cor	Goldsmith and Mitchell, N W cor
Twenty-second and E. Stark, S E cor	Delay and Russell, N E cor
Twenty-second and E. Ankeny, S E cor	Mississippi and Russell, N E cor
Twenty-sixth and E Stark, S E cor	Mississippi and Stanton, S E cor
*Twenty-sixth and Powell, N E cor	Mississippi and Fremont, S E cor

\*New hydrants.

## FIRE HYDRANTS.—Continued.

*Eastern District.*

Mississippi and Beach, S E cor	Williams ave. and Mason, S W cor
Mississippi and Shaver, N. E. cor	*Rodney ave. and Sellwood, N E cor
Mississippi and Skidmore, N E cor	Rodney ave. and Russell, S E cor
Mitchell and Russell, S W cor	*Rodney ave. and Eugene, S E cor
Mitchell and Sellwood, S W cor	*Rodney ave. and San Rafael, S E cor
Borthwick and Page, S W cor	Union ave. and Catharine, S W cor
Borthwick and Knott, N W cor	Union ave. and Sacramento, S W cor
Star and Russel, S W cor	Union ave. and Russell, S W cor
Montana and Beach, S E cor	*Union ave. and Morris, S W cor
Commercial and Morris, N W cor	*Borthwick and Monroe, S W cor
Gantenbein and Russell, S E cor	Union ave. and Stanton, S W cor
Vancouver and Russell, S E cor	Ainsworth and Union ave., S W cor
Williams ave. and Hancock, N W cor	Jarrett and Union ave., N W cor
Williams ave. and Catharine, S W cor	Ainsworth and Eighth, S E cor
Williams ave. and Page, N W cor.	Pearl and Union ave., N W cor
Williams ave. and Russell, S W cor	Killingsworth and Union ave., N W cor
Williams ave. and Sellwood, S W cor	Williams ave. and Highland, S W cor
Williams ave. and Fremont, N W cor	

*SELLWOOD DISTRICT.*

Second and Umatilla ave.	Sixth and Clackmas ave.
Fourth and Spokane ave.	Eighth and Spokane ave.
Fourth and Marion ave.	Eighth and Umatilla ave.
Fourth and Umatilla ave.	Ninth and Spokane ave.
Fourth and Central ave.	Tenth and Umatilla ave.
Sixth and Umatilla ave.	Tenth and Tacoma ave.
Sixth and Spokane ave.	

\*New hydrants.

Total number of hydrants in Eastern district, 197.

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 HYDRANTS OF ELEVATOR CO.
 

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Front and Market	Front and Northrup
Front and Clay	First and Market
Front and Columbia	First and Clay
Front and Jefferson	First and Montgomery
Front and Madison	First and Jefferson
Front and Main	First and Madison
Front and Salmon	First and Main
Front and Taylor	First and Salmon
Front and Yamhill	First and Taylor
Front and Morrison	First and Yamhill
Front and Alder	First and Morrison
Front and Washington	First and Alder
Front and Stark	First and Washington
Front and Oak	First and Stark
Front and Pine	First and Oak
Front and Ash	First and Pine
Front and Ankeny	First and Ash
Front and Burnside	First and Ankeny
Front and Couch	First and Burnside
Front and Davis	First and Couch
Front and Everett	First and Davis
Front and Hoyt	First and Flanders
Front and Irving	First and Glisan
Front and Kearney	Third and Oak
Front and Lovejoy	Fourth and Couch
Front and Marshall	

Total number of hydrants owned by Elevator Co., 51.

CISTERNS.

LOCATION AND CAPACITY.

Commencing on Each Street, South End of City.

Front and Harrison .....	20,000	Fourth and Stark .....	20,000
Front and Columbia .....	20,000	Fourth and Burnside .....	11,000
Front and Madison .....	20,000	Fifth and Caruthers .....	20,000
First and Meade .....	20,000	Fifth and Taylor .....	15,000
First and Mill .....	15,000	Fifth and Morrison .....	20,000
First and Jefferson .....	15,000	Fifth and Washington .....	15,000
First and Salmon .....	20,000	Fifth and Oak .....	15,000
First and Taylor .....	20,000	Fifth and Everett .....	20,000
First and Morrison .....	20,000	Fifth and Glisan .....	20,000
First and Alder .....	20,000	Sixth and College .....	20,000
First and Washington .....	20,000	Sixth and Mill .....	20,000
First and Stark .....	23,000	Sixth and Main .....	18,000
First and Oak .....	20,000	Sixth and Davis .....	20,000
*First and Ash .....	20,000	Seventh and Harrison .....	15,000
*First and Burnside .....	15,000	Seventh and Jefferson .....	20,000
Second and Caruthers .....	20,000	Seventh and Salmon .....	15,000
Second and Hall .....	20,000	Seventh and Morrison .....	8,000
Second and Main .....	15,000	Seventh and Washington .....	15,000
Second and Alder .....	20,000	Seventh and Oak .....	15,000
Second and Stark .....	20,000	Seventh and Burnside .....	16,000
Second and Pine .....	25,000	Eighth and Everett .....	20,000
Second and Couch .....	20,000	Tenth and Hall .....	20,000
Second and Everett .....	20,000	Tenth and Clay .....	20,000
Third and Grant .....	20,000	Ninth and Everett .....	17,000
Third and Montgomery .....	12,000	Eleventh and Jefferson .....	20,000
Third and Jefferson .....	15,000	Eleventh and Salmon .....	20,000
Third and Taylor .....	20,000	Eleventh and Morrison .....	20,000
Third and Morrison .....	20,000	Tenth and Couch .....	15,000
Third and Washington .....	15,000	Tenth and Glisan .....	20,000
Fourth and Clay .....	20,000	Twelfth and Washington .....	15,000

\*Will not hold water.

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 CISTERNS.—Continued.
 

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Thirteenth and Madison .....	20,000	Sixteenth and Davis .....	20,000
Thirteenth and Burnside .....	20,000	Twentieth and Glisan .....	20,000
Fourteenth and Market .....	20,000	Twenty-first and Washington ..	20,000
Twelfth and Johnson .....	20,000	Seventeenth and Vamhill .....	20,000
Fourteenth and Glisan .....	20,000	Lownsdale and Morrison .....	15,000
Fourteenth and Marshall .....	20,000		

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 CISTERNS—EASTERN DISTRICT.
 

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Fifth and E. Clay .....	25,000	Loring and Harding .....	20,000
Fifth and E. Washington .....	20,000	Mississippi and Goldsmith .....	20,000
Union ave. and E. Pine .....	20,000	Union ave. and Freemont .....	20,000
Twelfth and E. Ankeny .....	25,000	Minnesota ave. and Beach .....	20,000
Fourteenth and E. Pine .....	25,000	Williams ave. and Beach .....	20,000
Williams ave. and Cherry .....	20,000		

Total number of Cisterns, 82.

ANNUAL REPORT  
—OF—  
KEEPER OF CORPORATION YARD.

LOCATION :

West Side of 20th street, between Quimby and Raleigh.

A. M. DONALDSON, *Asst. Chief Engineer*,  
Keeper of Corporation Yard.

GEO. GAYHART, Driver of Supply Wagon.

INVENTORY.

2 third-class Silsby engines, worthless, 1 four-wheel hose carriage, 1 hose cart, 2 stoves, 1 heater, worthless, 1 circulating tank, 1 set Clapp and Jones wheels, 4 extra wheels, 1 axle, 1 set Clapp and Jones coil tubes, 600 feet rough lumber, 1 tongue for truck, 5 hand tongues, 2 transoms, 1 pair wagon shafts, 14 doors, 2 door frames, 2 transom frames, 1 sky-light frame, 2 hose wagon tongues, 1 engine tongue.

STOREROOM AT HEADQUARTERS.

13 iron collars, 3 window shades, 1 cellar pipe, 1 hand tongue, 1 chandelier, 1 gong, 1 set of chain for extension to truck, 2 hose clamps, 1 door mat, 2 feed boxes, 1 pitch fork, 1 Johnson pump, 1 lamp, 4 headlights, 1 diving suit, 2 suction baskets, 13 old lanterns, 1 harness hanger, 3 pieces window glass, 3 patterns, 4 pipes, 1 wire cutter, 2 sets frames for ladders, 5 axes, 5 ax handles, 6 feet Babcock hose, 1 pair single trees, 21 nozzles, 4 brass valves, 1 leather bucket, 1 can oil, 1 set engine grates, 1 heater grate, 1 pair iron hubs, 1 cast iron elbow, 1 ceiling spring, 5 engine springs, 1 block and tackle, 5 roof cutters, 13 lamp chimneys, 4 door springs, 1 galvanized iron bucket, 7 link blocks, 4 steel taps, 18 boxes axle grease, 1 package lantern wicks, 4 glass stoppers for chemical, 2 water glasses, 1 screw driver, 1 brace, 2 coils packing, 1 box vials, 12 cone valves, 8 leather valves,

10 6 inch, 7 5-inch and 6 4-inch valves for hydrants, 4 discharge valves for Clapp and Jones engines, 13 feet suction for same, 10 pounds rubber packing, 5 pounds lighting compound, 1 door, 1 flue cleaner, 1 lamp, 4 large chimneys, 3 wrenches, 3 tube wrenches for Clapp and Jones engines, 1 set double harness, 2 sets single harness, 2 leather collars, 1 leather saddle, 1 pair 4-horse lines, 1 pair single lines, 2 bridles, 3 old halters, 1 set 3-horse lines, 1 hose tester, 5 old chairs, 1 table, 14 feet chain, 8 springs for ceiling, 1 old steam gauge, 2 spanners, 10 feet halter chain, 86 1-inch Copper tubes for Amoskeag engine, 29 2-inch and 40 1 $\frac{1}{4}$ -inch nipples for Clapp and Jones engine, 41 iron plugs, 10 connections for tubes, 1 4-horse whip, 12 rounds for ladders, 15 pounds waste, 5 pounds oakum, 2 old brushes, 1 set Babcock stands, 1 rope reel, 1 box old harness, 1 crow bar, 1 telescope suction.

ANNUAL REPORT  
OF THE  
Superintendent of Fire Alarm Telegraph  
1895.

A. J. COFFEE, Superintendent. J. S. CALHOUN, Chief Repairer.

PORTLAND, OREGON, January 1, 1896.

*To the Honorable Board of Fire Commissioners, of Portland, Oregon :*

GENTLEMEN:—In accordance with the rules and regulations (Section 6) I have the honor to submit herewith the thirteenth annual report of the Fire Alarm Telegraph, and to make such recommendations for your consideration as in my opinion are necessary.

There have been very few improvements made to the system during the past year, and as much as it was desired to add new boxes and extend the service to unprotected districts, it has been deemed inadvisable to do so owing to the prevailing sentiment for a reduction in our expenditures for this department.

I appreciate the fact that your Honorable Board would have carried out my recommendations of last year, and made all desired improvements but for the reason stated.

I earnestly hope that the appropriation for the coming year may allow of these extensions and improvements, and that the unprotected districts may be supplied with fire alarm boxes.

One additional fire alarm box, No. 267, has been located at the southeast corner of East Water and East Main streets by the Standard Oil Co. for the protection of their warehouse and surrounding property.

A loop, one-half mile in length, was run into the pumping station at the new reservoirs, and a gong was installed there so as to notify the engineer should more water be needed at any time than is ordinarily supplied by the high service pumps.



No other apparatus or line has been put up, and only the material which was absolutely necessary to maintain the service in an efficient manner, was used.

Our fire alarm service has been excellent during the year and has given general satisfaction in all cases, with the exception of one instance, which occurred on the evening of April 5th, 1895, at 8:55. Boxes 25 and 43, located at corner Fourteenth and Northup streets, and Weidler's Mill, respectively, were pulled for the Portland Iron Works fire, and there was a serious mix-up of the alarms which caused confusion. The reason of this was due to the alarm boxes being pulled at the same time, and as this style of box is not entirely non-interfering, we suffered the consequence. We have a number of partially non-interfering boxes in the system which should be made absolutely non-interfering or replaced with the boxes manufactured by the United States Fire and Police Teelgraph Co. of Boston, Mass. We have fifty-one of their boxes in the system, and they have proven themselves perfectly non-interfering under all conditions, and with their application, an experience such as occurred on the occasion of the Portland Iron Works fire would be impossible. I will state that the inferior style of boxes were installed before the United States Co.'s apparatus was put upon the market.

When the new City Hall was constructed, quarters for the accommodation of the fire alarm telegraph were designated, and it was the intention to move our central office and battery into them. This was not done in the interest of economy. I earnestly hope there will be sufficient funds this year to move in our new quarters, and to fit up the office and battery room in a modern manner, and in keeping with the beautiful structure that has been furnished us. It is my intention to make this office a model of electrical perfection and manipulation, which can be done with small expense.

The storage battery has now come into use for power purposes, and is being very generally adopted for furnishing the necessary power to run the fire alarm and police telegraph systems in eastern cities. I have carefully investigated the merits of the application of the storage battery for fire alarm purposes, instead of the gravity battery, and I find it far superior in many instances. The expense of maintaining this battery would be about one-fourteenth of the cost of the gravity battery, and the cost of making the change would not exceed the cost of one years maintenance of our present system. The storage battery takes up about one-third the space and is very much cleaner about the premises, requiring very much less labor to manipulate. As the adoption of the storage battery will be a great saving in our yearly expenditures, I earnestly recommend that the change be made as soon as possible.

I wish to renew my recommendations of last year, which have not been carried out, owing to a lack of funds :

The telephone lines in the department houses that have not been supplied with gongs, should have a suitable bell, of a size that could be heard in any portion of the building at any time; the small magnetos furnished by the Telephone Company are insufficient and at times cannot be heard.

I have found the need of a light spring wagon for repairing purposes. Our lines cover a good deal of ground, and many times it is necessary to take out a coil of wire and more tools than two men can carry. We can not wait for a conveyance, as the trouble on the wires must be attended to without delay, day or night, and an available conveyance would greatly aid us in making these repairs.

The Board of Fire Commissioners' office should be supplied with an automatic time stamp and register, in order that each alarm should be accurately timed from first signal to the recall; each signal over the lines would be recorded to the second, which would be of great advantage as a matter of record.

We have several districts that are badly in need of fire alarm boxes, and I trust a sufficient amount may be available, to furnish the most urgent localities with fire alarm facilities.

Reference will be had to the following pages for a complete list of the location of boxes, inventory of apparatus, line, battery and tools.

#### SIGNAL BOXES.

G . . .	7	Southeast corner Park and Jefferson
G . . .	8	Southeast corner Twelfth and Morrison
G . . .	9	Southeast corner Ninth and Everett
M . . .	12	Southeast corner First and Morrison
M . . .	13	Southeast corner Third and Washington
M . . .	14	Southeast corner Second and Oak
M . . .	15	Southeast corner First and Vine
G . . .	16	Southeast corner First and Flanders
G . . .	17	Southeast corner Sixth and Couch
G . . .	18	Southwest corner Front and Lovejoy
G . . .	19	Southeast corner Front and Stark
M . . .	21	Southeast corner Fifth and Morrison
G . . .	23	Southeast corner Park and Oak
G . . .	24	Southeast corner Fourteenth and Glisan
G . . .	25	Southeast corner Fourteenth and Northup
G . . .	26	Southeast corner Seventeenth and Savier
G . . .	27	Washington, opposite Seventeenth
G . . .	28	Southeast corner Twelfth and Couch
G . . .	29	Southeast corner Twenty-second and Everett

G . . .	31	Southeast corner First and Meade
G . . .	32	Southeast corner Fourteenth and Jefferson
G . . .	34	Southeast corner Seventh and Jackson
G . . .	35	Southeast corner Seventeenth and Clay
G . . .	36	Southeast corner Twelfth and Hall
G . . .	37	Southeast corner Fourth and Grant
G . . .	38	Southeast corner Front and Market
G . . .	39	Southeast corner Water and Harrison
G . . .	41	Southeast corner Twentieth and Johnson
G . . .	42	Southeast corner Twenty-second and Savier
G . . .	43	Southeast corner Weidler's Mill
G . . .	45	Southeast corner Seventh and Glisan
G . . .	46	Southeast corner Twentieth and Washington
G . . .	47	Southeast corner Eighteenth and Flanders
G . . .	48	Southeast corner Eleventh and Johnson
G . . .	49	Southeast corner Twenty-second and Lovejoy
G . . .	51	Southeast corner Second and Taylor
G . . .	52	Southeast corner Third and Madison
G . . .	53	Southeast corner West Park and Yamhill
G . . .	54	Southeast corner Fourth and Ankeny
G . . .	56	Southeast corner Eleventh and Main
G . . .	57	Southeast corner Seventeenth and Taylor
G . . .	58	Southeast corner West Main and Stout
G . . .	59	Southeast corner Seventh and Montgomery
G . . .	61	Southeast corner Front and Couch
G . . .	62	Southeast corner Fourth and Hoyt
G . . .	63	Southeast corner Tenth and Washington
G . . .	64	Southeast corner Nineteenth and Pettigrove
A. D. T.	65	Engine Co. No. 6, Twentieth and Quimby
G . . .	67	Southeast corner Twenty-fourth and Johnson
M . . .	68	Southeast corner Twenty-sixth and Thurman
G . . .	69	Southeast corner Nineteenth and Wilson
G . . .	71	Southeast corner Corbett and Whittaker
G . . .	72	Southeast corner Corbett and Bancroft ave
M . . .	73	Southeast corner Macadam and Thomas
G . . .	74	Southeast corner Hood and Caruthers
A. D. T.	81	Engine Co. No. 5, Front, bet. Gibbs and Whittaker
M . . .	91	N. P. Lumber Manufacturing Co.'s Mill
M . . .	92	Cold Storage, North Front and Pettigrove
G . . .	123	Southeast corner Front and Salmon
G . . .	124	Southeast corner First and Hall
G . . .	125	Southeast corner Fourth and Mill
M . . .	126	Southeast corner First and Jefferson

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A. D. T.	132	Truck Co. No. 1, Fourth, bet. Morrison and Yamhill
M	134	Southeast corner Sixth and Salmon
M	135	Southeast corner Sixth and Washington
G	137	Southeast corner St. Clair and Park ave
M	142	Southeast corner Third and Davis
M	143	Steel Bridge Toll Office
M	145	Southeast corner Seventeenth and Kearney
M	152	Morrison Street Bridge Toll Office
M	213	Northeast corner East Morrison and Water
M	214	Northwest corner Hawthorne ave. and Water
M	215	Northeast corner East Fifth and Clay
M	216	Northwest corner East Eleventh and Stevens
M	217	Northwest corner Twelfth and East Morrison
M	218	Northwest corner Twelfth and East Ankeny
M	219	Northwest corner Ninth and East Oak
M	231	Northwest corner Union ave. and East Oak
M	234	Northwest corner East Fifth and East Morrison
M	235	Southeast corner East Fifth and East Burnside
M	236	Southeast corner East Fifth and Holladay ave
M	237	Southeast corner Larrabee and Holladay ave
M	238	Northwest corner Larabee and Broadway
M	241	Southeast corner East Ninth and East Davis
M	243	Northwest corner East Sixteenth and East Morrison
M	245	Southwest corner East Twentieth and Taylor
M	246	Northwest corner East Twenty-second and Ankeny
A. D. T.	251	Hose Co. No. 3, E. Seventh, bet. Stevens and Harrison
M	253	Corner East Eleventh and Division
M	258	Southeast corner East Fifth and Division
M	259	Northwest corner East Eleventh and Beacon
M	267	Southeast corner East Water and East Main
M	312	Southeast corner Russell and Railroad
M	314	Southwest corner Goldsmith and Mitchell
M	315	Southwest corner Mississippi ave and Stanton
M	316	Southwest corner Williams ave and Russell
M	317	Northeast corner Williams ave and Weidler
M	318	Northeast corner Union ave and San Rafael
M	319	Southwest corner Union ave and Russell
M	321	Southeast corner Mississippi ave and Fremont
M	324	Mississippi avenue and Mason
M	325	Williams avenue and Mason
M	326	Northeast corner Williams avenue and Fremont
M	327	Southwest corner Union avenue and Morris
M	329	Southeast corner East Fifteenth and Broadway

M . . . 341	Corner Russell, opposite Borthwick
M . . . 342	Northeast corner Williams avenue and Morris
M . . . 345	Borthwick and Fargo
M . . . 358	Southeast corner East Fifth and Division
M . . . 359	Corner East Eleventh and Beacon
M . . . 361	Southeast corner East Sixth and Halsey

NOTE—Different styles of fire alarm boxes are indicated as follows :

M—Municipal Co.'s. G—Gamewell Co.'s. I—Interstate. A. D. T.—Plain box

District numbers which are struck from the combination boxes located on the steel bridge and Madison street bridge :

No. of District :—	Location :—
145.	Seventeenth and Kearney
146.	Fifth and Irving
147.	Freight Sheds, Seventh and Hoyt
148.	Foot of Lovejoy
149.	Weidler's Mill
152.	Morrison Street Bridge office
153.	Foot of Salmon
154.	Foot of Jefferson
156.	Pennoyer's Mill
162.	Foot of Stark
163.	Foot of Pine
164.	Foot of Vine
165.	Burnside Street Bridge, west side
167.	Foot of Flanders
172.	Foot of Wilson
173.	N. P. Lumber Co.'s Mill
254.	Hogue's Mill
256.	Madison Street Bridge, east side
257.	Inman & Poulsen's Mill
261.	Morrison Street Bridge, east side
263.	Foot of East Washington
264.	Foot of East Oak
265.	Burnside Street Bridge, east side
351.	Steel Bridge, east side
352.	Foot of Broadway
354.	Goldsmith and Mitchell
356.	Albina Ferry, east side landing
357.	Foot of Russell
358.	Pacific Coast Grain Elevator site

Auxiliary fire alarm numbers that are sent out by the Portland Automatic Fire Alarm Co.:

- 512. Snell, Heitslu & Woodard Co., Sixth and Ankeny
- 513. Goodyear Rubber Company, corner First and Oak
- 514. The A. P. Hotaling Co., corner First and Burnside
- 517. Closset & Devers, Burnside, bet. Second and Third
- 523. Olds & King, corner Fifth and Washington
- 526. Building, northwest corner Morrison and Third
- 527. Honeyman, DeHart & Co., corner Second and Ash
- 534. Mason, Ehrman, & Co., corner Second and Pine
- 536. McCracken's Warehouse, corner Ninth and Irving

INVENTORY AND VALUE OF FIRE ALARM PROPERTY.

APPARATUS.

49 perfect non-interfering signal boxes, Municipal Fire and Police Telegraph Companies make; 53 non-interfering signal boxes, Gamewell Fire Alarm Telegraph Companies make; 5 A. D. T. signal boxes; 1 Interstate Fire Alarm Company's box . . . . .	\$ 11,260 00
2 automatic repeaters, 6 circuits, with a capacity of 10 circuits, and 3 circuits, with a capacity of 5 circuits, of Municipal Company's make . . . . .	960 00
1 tower bell, 4067 lbs, and striking apparatus . . . . .	3,000 00
1 tower bell, small . . . . .	75 00
10 galvanometers . . . . .	100 00
1 galvanometer and rheostat . . . . .	80 00
1 tripod for same . . . . .	8 00
33 relays, Pony, 20 ohms . . . . .	150 00
1 relay, large, for central office . . . . .	30 00
2 dash pot relays, local . . . . .	15 00
1 telegraph key . . . . .	5 00
8 18-inch Gamewell Co.'s gongs . . . . .	1,200 00

6 14-inch C. E. W. gongs . . . . .	200 00
2 6-inch Municipal Co.'s gongs . . . . .	60 00
2 gongs, 10-inch, refitted to 14-inch . . . . .	70 00
2 gongs, 6-inch . . . . .	40 00
3 gongs, 8-inch . . . . .	200 00
1 visual indicator, Gamewell Co.'s make . . . . .	150 00
1 15-inch gong and indicator, Municipal Co.'s make . . . . .	185 00
5 visual indicators, " " . . . . .	610 00
2 whistle blowers, " " . . . . .	800 00
8 C. E. W. No. 1 switches . . . . .	30 00
68 2-point switches . . . . .	34 00
35 electric horse unhitchers, Coffee's patent . . . . .	1,094 93
114 electric protectors, " . . . . .	1,378 00
6 circular switches, C. E. W. make . . . . .	18 00
1 combination bar switch . . . . .	75 00
7 combination fire alarm sets . . . . .	119 00
8 recorders, Coffee's patent . . . . .	350 00
2 whistles, 6x24 . . . . .	100 00
	\$ 22,396 93

## BATTERY.

490 No. 1 gravity in use . . . . .	\$ 337 50
300 cells, complete open circuit battery, Sampson & LeClanche, in use . . . . .	200 00
	\$ 537 50

## BATTERY MATERIAL.

250 lbs. bluestone . . . . .	\$ 16 25
100 lbs. old copper . . . . .	5 00
43 brass connections for battery . . . . .	8 60
10 lbs. salammniac . . . . .	1 80
	\$ 31 65

## MATERIAL.

2 extra fire alarm boxes outer case . . . . .	\$ 30 00
48 miles line strung on Electric Light and Telegraph Company poles, on iron standards, in use . . . . .	7,460 00
10,000 feet box and office cable No. 14, in use . . . . .	200 00
400 feet office wire No. 14, in use . . . . .	32 00
100 brackets, oak painted, in use . . . . .	2 50
1700 standard insulators, in use . . . . .	85 00
1741 iron standards for poles, in use . . . . .	2,151 15

## FIRE ALARM TELEGRAPH.

257

6064 lagg screws . . . . .	104 92
800 staples, box pipe, in use . . . . .	35 00
12 rolls marker paper, on hand . . . . .	2 50
1 gross screws, on hand . . . . .	2 50
5 lbs. annunciator wire No. 18, on hand . . . . .	2 00
3 pipe caps for boxes, on hand . . . . .	75
½ gallon oil, on hand . . . . .	1 00
½ gallon gasoline, on hand . . . . .	12
2 lbs wire staples, on hand . . . . .	60
4815 feet box pipe . . . . .	385 20

                      
\$ 10,495 24

### TOOLS.

1 12-foot ladder, old . . . . .	2 00
1 machine hammer . . . . .	1 00
1 pair buckley stretchers . . . . .	4 00
1 strap and vise . . . . .	2 00
1 sieve . . . . .	1 00
100 feet sash cord . . . . .	10
1 pair stubbs pliers . . . . .	1 50
1 bench vise . . . . .	12 00
1 ratchet brace . . . . .	2 25
6 carbide bits, old . . . . .	10
2 bits, small . . . . .	75
1 work bench . . . . .	5 00
1 thermometer . . . . .	50
1 box screw drivers . . . . .	2 50
1 solder pot . . . . .	2 00
1 solder iron . . . . .	50
1 hand saw . . . . .	2 00
1 chisel . . . . .	2 00
2 monkey wrenches . . . . .	1 00
1 block and tackle, old rope . . . . .	3 00
1 rule . . . . .	50
1 hatchet . . . . .	75
1 iron saw . . . . .	2 50
1 alcohol torch . . . . .	5 00
4 oil cans . . . . .	2 50
1 paraffine pan . . . . .	1 00
1 pail . . . . .	50
1 sprinkling pot . . . . .	50
1 pair rubber gloves . . . . .	1 00
1 glass funnel . . . . .	1 00



1 hydrometer . . . . .	2 50
1 wire reel . . . . .	5 00
1 instrument table . . . . .	50 00
3 chairs . . . . .	10 00
1 coal box . . . . .	5 00
1 coal stove . . . . .	10 00
3 sets battery shelves . . . . .	115 00
2 gas fixtures . . . . .	4 00
1 ink stand . . . . .	1 00
1 pen rack . . . . .	50
1 lounge . . . . .	10 00
	<hr/>
	\$ 273 45

Total value of fire alarm property . . . . . \$ 33,734 77

## EXPENDITURES

Salaries . . . . .	\$ 2,810 15
Extensions and additions . . . . .	30 00
Maintenance . . . . .	896 00
	<hr/>
Total . . . . .	\$ 3,376 15



TABLE OF BELL ALARMS.

Box	January	February	March	April	May	June	July	August	September	October	November	December	Total from Each Box
7	.	.	.	.	.	.	1	.	.	.	.	.	1
8	.	.	.	.	1	.	.	.	.	.	.	.	1
9	.	.	.	.	.	.	.	.	.	.	.	.	0
12	.	1	1	.	.	.	.	.	.	.	1	.	3
13	1	.	1	1	1	1	.	1	.	1	.	.	7
14	.	.	.	.	1	.	1	.	.	.	.	.	2
15	.	.	1	1	1	.	.	.	.	.	.	.	3
16	.	.	.	.	.	.	.	.	.	.	.	.	0
17	.	.	.	.	.	.	.	.	.	.	.	.	0
18	.	.	1	.	.	.	.	.	.	.	1	.	2
19	.	1	.	.	.	1	.	.	.	1	.	.	3
21	.	.	.	2	.	.	.	.	.	.	.	.	2
23	.	.	.	.	.	.	.	.	.	.	.	.	0
24	.	.	.	1	.	.	.	.	.	.	.	.	1
25	.	.	.	1	.	1	1	.	.	.	.	.	3
26	.	2	1	.	.	.	.	.	.	.	.	.	3
27	.	1	.	1	.	.	.	.	.	.	.	.	2
28	.	.	.	.	.	.	.	.	.	.	.	.	0
29	.	.	.	.	.	.	.	.	.	.	.	.	0
31	1	.	.	2	.	.	.	.	.	.	.	.	3
32	.	.	.	.	.	1	.	.	.	.	.	.	1
34	.	.	.	.	.	.	.	.	.	.	.	.	0
35	1	1	.	.	.	.	.	.	.	.	.	1	3
36	.	.	.	.	1	.	1	.	.	.	1	.	3
37	.	.	1	1	.	2	.	.	.	.	.	.	4
38	.	.	1	.	.	1	.	.	.	.	.	1	3
39	.	1	.	1	.	.	1	.	.	.	.	.	3
41	.	.	.	.	.	.	.	.	.	.	.	.	0
42	.	.	.	1	.	.	.	.	.	.	.	.	1
Carried Forwa'd	3	7	7	12	5	7	5	1	0	2	3	2	54

TABLE OF BELL ALARMS.

Box	January	February	March	April	May	June	July	August	September	October	November	December	Total from Each Box
Br't fo'd	3	7	7	12	5	7	5	1	0	2	3	2	54
43	.	.	1	.	.	.	.	.	1	1	.	.	3
45	.	.	.	.	.	1	.	.	1	.	1	.	3
46	1	.	1	.	.	.	.	.	.	.	.	.	2
47	.	.	.	.	.	.	.	.	.	.	.	1	1
48	1	.	1	.	.	.	.	.	.	.	.	.	2
49	1	.	.	.	.	.	.	.	.	.	.	1	2
51	2	.	.	.	1	.	1	.	.	.	.	.	4
52	.	.	1	.	.	.	.	1	.	.	.	.	2
53	.	.	.	.	.	.	.	.	.	.	.	.	0
54	1	.	.	.	.	1	.	.	.	.	.	1	3
56	1	.	.	.	.	.	.	.	.	.	.	.	1
57	.	.	.	.	.	.	.	.	.	.	.	.	0
58	.	.	.	.	.	.	.	.	.	.	.	.	0
59	.	.	.	.	.	1	1	.	.	.	.	.	2
61	.	.	.	.	.	.	1	.	.	.	.	.	1
62	.	.	.	.	.	.	.	.	.	.	.	.	0
63	.	.	.	.	.	.	.	.	.	.	.	.	0
64	.	.	.	.	.	.	.	.	.	.	.	.	0
65	.	.	.	.	.	.	.	.	.	.	.	.	0
67	.	.	.	.	.	.	.	.	.	.	.	.	0
68	.	.	.	.	.	.	.	.	.	.	.	.	0
69	.	.	.	.	.	.	.	.	.	.	.	.	0
71	.	.	.	.	.	.	.	.	.	.	.	.	0
72	.	.	1	.	1	.	.	.	.	.	.	.	2
73	.	.	.	.	1	1	3	.	.	.	.	.	5
74	.	.	.	.	.	.	.	.	.	.	.	.	0
81	.	.	.	.	.	.	.	.	1	.	.	.	1
91	.	.	.	.	.	.	.	.	1	.	.	.	1
92	.	.	.	.	.	.	.	.	.	1	.	.	1
Carried Forward	10	7	12	12	8	11	11	2	4	4	4	5	90

TABLE OF BELL ALARMS.—Continued.

Box	January	February	March	April	May	June	July	August	September	October	November	December	Total from Each Box
Br't fo'd	10	7	12	12	8	11	11	2	4	4	4	5	90
123	.	.	.	.	.	.	.	.	.	.	.	.	0
124	.	.	.	.	.	.	.	.	.	.	.	.	0
125	.	.	.	.	.	.	.	.	.	.	.	.	0
126	.	.	.	.	.	1	.	.	.	.	.	.	1
132	.	.	.	.	.	.	.	.	.	.	.	.	0
134	.	.	.	.	.	.	1	.	.	.	.	.	2
135	1	.	.	.	.	.	1	.	.	.	.	.	2
137	.	.	.	.	.	.	.	.	.	.	.	.	0
142	.	1	3	1	.	.	.	.	.	.	1	.	6
152	.	.	.	.	.	.	.	.	.	.	.	.	0
143	.	.	.	.	.	.	.	.	.	.	.	.	0
145	.	.	.	.	.	.	.	.	.	.	.	.	0
213	.	.	.	.	.	.	.	.	.	.	.	.	0
214	.	.	.	.	.	1	.	.	.	.	.	.	1
215	.	.	1	.	.	.	.	.	1	.	.	.	2
216	.	.	.	.	.	.	.	.	.	.	1	.	1
217	.	.	.	.	.	.	.	.	.	.	.	.	0
218	.	.	.	.	.	.	.	.	.	.	1	.	1
219	.	.	.	.	.	.	.	.	.	.	.	.	0
231	.	.	.	.	.	1	.	.	.	.	.	.	1
234	.	1	.	.	.	.	.	.	1	.	.	.	2
235	.	.	.	.	.	.	.	.	.	.	.	.	0
236	.	.	.	.	.	.	.	.	.	.	.	.	0
237	.	.	.	.	.	.	.	.	.	.	.	.	0
238	.	.	.	.	.	.	.	.	.	.	.	.	0
241	.	.	.	.	.	.	.	.	.	.	.	.	0
243	.	.	.	.	.	.	.	.	.	.	.	.	0
245	.	.	.	.	.	.	.	.	.	.	.	.	0
246	.	.	.	.	.	.	1	.	.	.	.	.	1
251	.	.	.	.	.	.	.	.	.	.	.	.	0
253	.	.	.	.	.	.	1	.	.	.	.	.	1
Carried Forward	11	9	16	13	8	14	15	2	6	4	7	6	111

TABLE OF BELL ALARM.—Continued.

Box	January	February	March	April	May	June	July	August	September	October	November	December	Total from Each Box
Br't fo'd	11	9	16	13	8	14	15	2	6	4	7	6	111
258	.	.	.	.	.	.	.	.	.	.	.	.	0
259	.	.	.	.	.	.	.	.	.	.	.	.	0
267	.	.	.	.	.	.	.	.	.	.	.	.	0
312	.	1	.	.	.	.	1	.	.	.	.	.	2
314	.	.	.	.	.	.	.	.	1	.	.	.	1
315	.	1	.	.	.	.	.	.	.	.	.	.	1
316	.	.	.	.	.	.	.	.	.	.	.	.	0
317	.	.	.	.	.	.	.	.	.	.	.	.	0
318	.	.	.	.	.	.	.	.	.	.	.	.	0
319	.	.	.	.	.	.	.	.	.	.	.	.	0
321	.	.	.	.	.	.	.	.	.	.	.	.	0
324	.	.	.	.	1	.	1	.	.	.	.	.	2
325	.	.	.	.	.	.	1	.	.	1	.	.	2
326	.	.	1	.	1	.	.	1	.	.	.	.	3
327	1	.	.	.	.	.	.	1	.	1	.	.	3
229	.	.	.	.	1	.	1	.	.	.	.	.	2
341	.	2	.	.	1	.	1	.	.	.	1	.	5
342	.	.	.	.	.	.	.	.	.	.	.	.	0
345	.	.	.	.	.	.	.	.	.	.	.	1	1
358	.	.	.	.	.	.	.	.	.	.	.	.	0
359	.	.	.	.	.	.	.	.	.	.	.	.	0
361	.	.	.	.	.	.	.	.	.	.	.	.	0
*512	.	.	.	.	.	.	.	.	.	.	.	.	0
*513	.	.	.	.	.	.	.	.	.	.	.	.	0
*514	.	.	.	.	.	.	.	.	.	.	.	.	0
*516	.	.	.	.	.	.	.	.	.	.	.	.	0
*517	.	.	.	.	.	.	.	.	.	.	.	.	0
*523	.	.	.	.	.	.	1	.	.	.	.	.	1
*526	.	.	.	.	.	.	.	.	.	.	.	.	0
*527	.	.	.	.	.	.	.	.	.	.	.	.	0
*534	.	.	.	.	.	.	.	.	.	.	.	.	0
*536	.	.	.	.	.	.	.	.	.	.	.	.	0
Totals	12	13	17	13	12	14	21	4	7	6	8	7	134

NOTE.—\*National Automatic Fire Alarm Boxes.

In conclusion, I wish to tender my sincere thanks to your Honorable Board, and to the officers and members of the Fire Department for the many favors shown me in the discharge of my duties.

Very respectfully,

A. J. COFFEE,  
*Supt. Fire Alarm Telegraph.*



FIREMAN'S  
MUTUAL RELIEF ASSOCIATION,

OF THE

PORTLAND FIRE DEPARTMENT,

*For the Year Ending December 31st, 1895.*

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ORGANIZED MAY 9, 1883.

OFFICERS:

S. FARRELL, President. WM. FLIEDNER, Treasurer.  
H. H. HOLMES, Secretary.

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BOARD OF DIRECTORS:

S. FARRELL. H. S. ROWE. WM. FLIEDNER.  
DAV. CAMPBELL. H. H. HOLMES.

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EXECUTIVE COMMITTEE:

CHIEF ENGINEER AND ASSISTANT ENGINEERS.

Meetings are held the fifth of each month  
at office of Board of Fire Commissioners, City Hall.





REPORT

—OF THE—

SECRETARY

—OF THE—

Firemen's Mutual Relief Association.

PORTLAND, OREGON, January 1, 1896.

To the Board of Directors :

GENTLEMAN:—As required by Article 4. of the By-Laws, I herewith submit a report of the receipts and disbursements for the year ending December 31, 1895, and also a summary of the receipts and disbursements and sources of the revenues of the Association since the date of the organization, together with the amount of assets now on hand.

Respectfully submitted,

H. H. HOLMES,
Secretary.

RECEIPTS FOR 1895.

Table with columns for month, date, description, and amount. Includes entries for January through December, with a total receipts of \$1,088.35.

DISBURSEMENTS FOR 1895.

February	5,	A. G. Stephan . . . for sick ben'ts. Warrant	548 .	\$ 41 30	
"		A. Richardson . . .	" 549 .	12 00	
"		J. A. Moon . . .	" 550 .	21 30	\$ 74 60
March	5,	F. J. Fletcher . . .	" 551 .	20 00	
"		Dav Campbell . . .	" 552 .	24 00	44 00
April	5,	Dav Campbell . . .	" 553 .	40 00	
"		S. Glendon . . .	" 554 .	33 30	
"		E. S. Craig . . .	" 555 .	20 00	
"		Claud Smith . . .	" 556 .	10 65	
"		N. R. Donlon . . .	" 557 .	12 00	115 95
May	6,	W. Edwards . . .	" 558 .	34 65	
"		P. Manciet . . .	" 559 .	12 00	
"		G. C. Pilger . . .	" 560 .	9 35	
"		S. Stafford . . .	" 561 .	30 65	86 65
June	5,	S. Stafford . . .	" 562 .	9 35	
"		E. Thayer . . .	" 563 .	13 35	22 70
July	5,	M. McNulty . . .	" 564 .	34 65	34 65
August	5,	Jas. Fraser . . .	" 565 .	26 70	
"		B. F. Jones . . .	" 566 .	57 30	
"		A. W. Dolson . . .	" 567 .	14 65	98 65
September	5,	E. Laing . . .	" 568 .	18 70	
"		E. A. Scofield . . .	" 569 .	9 35	28 05
October	5,	C. Braden . . .	" 570 .	18 70	
"		A. W. Dolson . . .	" 571 .	12 00	
"		S. Weller . . .	" 572 .	26 70	
"		B. F. Jones . . .	" 573 .	36 00	93 40
November	5,	E. A. Scofield . . .	" 574 .	80 00	
"		S. Weller . . .	" 575 .	36 00	
"		J. Ryan . . .	" 576 .	30 65	146 95
December	5,	G. W. Jolly . . .	" 577 .	25 35	
"		E. A. Scofield . . .	" 578 .	30 65	56 00
January	6,'96	Chas. Clark . . .	" 579 .	14 65	
"		W. McMahon . . .	" 580 .	14 65	
"		M. Thornton . . .	" 581 .	18 70	
"		L. Favero . . .	" 582 .	9 35	57 35

Total Disbursements . . . . . \$858 65

SUMMARY OF RECEIPTS AND DISBURSEMENTS.

	RECEIPTS.	DISBURSEMENTS.
1883 . . . . .	\$ 691 00	\$ 368 84
1884 . . . . .	623 00	475 81
1885 . . . . .	1,381 50	685 72
1886 . . . . .	811 00	337 67
1887 . . . . .	830 00	588 76
1888 . . . . .	669 50	722 80
1889 . . . . .	934 38	855 48
1890 . . . . .	1,301 40	1,162 14
1891 . . . . .	1,510 25	960 35
1892 . . . . .	1,832 40	2,143 10
1893 . . . . .	1,748 39	1,644 32
1894 . . . . .	1,420 25	839 36
1895 . . . . .	1,088 35	858 65
Balance on hand January 1, 1896 . . . . .		3,288 42
	\$14,931 42	\$14,931 42

BALANCE ON HAND.

Bills Receivable, Note Secured by Mortgage . . . . .	\$ 2,400 00
Cash in hands of Treasurer . . . . .	888 42
Total Assets on hand . . . . .	\$ 3,288 42

SOURCES OF REVENUES FROM 1883 TO 1895.

From Dues and Fines . . . . .	\$12,327 25
From Donations . . . . .	950 50
From Theater Benefits . . . . .	757 00
From Interest . . . . .	859 67
From Miscellaneous Sources . . . . .	37 00
Total Revenues . . . . .	\$14,931 42



# FOURTH ANNUAL REPORT

## OF THE

### INSPECTOR OF PLUMBING AND DRAINAGE

*For the year ending December 31, 1895.*

*To the Honorable, the Mayor, and the Common Council of the City of  
Portland, Oregon :*

GENTLEMEN :—I have the honor to submit the following report of the Department of Plumbing and Drainage for the year 1895 :

New buildings with entire new system of plumbing . . . . .	209
Old buildings with entire new system of plumbing . . . . .	264
Buildings connected to the public sewer . . . . .	332
Old buildings in which the plumbing was remodeled and ventilated	364
Buildings connected to cesspools outside of sewer district. . . . .	142
Cellar drains connected to the public sewer by permission . . . . .	23
Reports of defective plumbing and drainage received . . . . .	291
Reports of defective plumbing and insanitary condition of premises received from the health department . . . . .	524
Abatements of defective plumbing returned to the health department	504
Written notices served to improve the sanitary condition of plumb- ing and drainage. . . . .	585
Improved the plumbing and drainage on verbal notice . . . . .	239
Water from the roof of buildings connected to the public sewer by permission. . . . .	18
Written communications received relating to insanitary condition of premises . . . . .	59
Inspections of plumbing and drainage. . . . .	1482
Inspections of insanitary premises with defective plumbing and drainage. . . . .	629
Licensed plumbers. . . . .	41

During the present year the public sewer has been extended 9486 feet, and furnishes drainage accommodations for 218 blocks. The extension of the public sewer has been of inestimable value to the healthfulness of the districts it serves. The removal of the overflowing cesspool and foul open vault is made possible, and many of them have been removed and filled up, while connections have been made to the public sewer as promptly as the sanitary conditions of the premises demanded.

The amendment to the ordinance requiring cesspool construction within 100 feet of a water supply when outside of sewer district, has been a source of relief to many, especially on the East side of the river. Many of the numerous petitions for sewer extensions have been brought about by orders to construct cesspools and connect the house drainage; while there have been 142 buildings connected to cesspools, many have objected to them and petitioned for sewers and the improvement permanent.

The new work has been principally resident buildings, which has greatly limited the volume of the plumbing business, yet during the year there has been erected quite a number of handsome and substantial buildings of brick and stone, whose architectural structures are modern in design and appointments, and which have been fitted up with plumbing fixtures of the most approved pattern with the ventilation and drainage arranged as required by the ordinance.

There has been an increased amount of remodeling and repair work over the report of last year, which is of importance to the general health of the City in the sanitary improvement it represents.

I have found but little objection to the remodeling and repairs ordered, as the importance of sanitary improvements are better understood, more appreciated, and less difficult to secure. It is a source of satisfaction to be able to report so much improvement in the sanitary condition of the City.

There are 28 public school buildings within the City, which accommodate nearly 9000 pupils. I have made a thorough examination of these buildings and find that many of them are supplied with the most modern and best of sanitary fixtures, and others have been carefully remodeled so as to place them in a sanitary condition.

The School Directors have expended during the year \$7,000 on remodeling and placing new plumbing fixtures in school buildings and all within the sewer districts are connected to the public sewer with all fixtures, provided with sewer and local ventilation. The buildings situated out of the sewer limits are supplied with open vaults located at a distance from the buildings, and receive as careful supervision as the circumstances of location will permit.

There have been several cases of scarlet and typhoid fever reported by the teachers in the public schools, which occasioned some alarm, yet, by the prompt use of sanitary measures in the homes, the public schools have been uninterrupted during the year.

Respectfully submitted,

E. J. FLOYD,

*Inspector of Plumbing and Drainage.*

# REPORT

— OF THE —

## INSPECTOR OF STEAM BOILERS,

For Quarter ending June 30, 1895.

*To the Honorable Mayor and Common Council :*

GENTLEMEN:—I herewith submit to your honorable body the report of the Inspector of Steam Boilers for the quarter ending June 30, 1895 :

### BOILERS.

Month ending April:

Boilers under 10 H. P., 18 at \$3 00 . . . . .	\$ 54 00
Boilers over 10 H. P. . . . .	45 00
	<hr/>
April, total . . . . .	\$ 99 00

Month ending May:

Boilers under 10 H. P., 13 at \$3 00 . . . . .	\$ 39 00
Boilers over 10 H. P., 10 at \$5 00 . . . . .	50 00
Boilers 2 in battery, 2 at \$5 00 and \$3 00 . . . . .	16 00
Boilers 3 in battery . . . . .	—
Boilers over 3 in battery . . . . .	—
	<hr/>
May, total . . . . .	\$ 105 00

Month ending June:

Boilers under 10 H. P., 8 at \$3 00 . . . . .	\$ 24 00
Boilers over 10 H. P., 10 at \$5 00 . . . . .	50 00
Boilers 2 in battery, \$5 00 and \$3 00 . . . . .	—
Boilers 3 in battery, 1 at \$5 00, \$3 00 and \$2 50 . . . . .	10 50
Boilers over 3 in battery, 1 of 5 boilers, 1 of 4 boilers, \$5 00 and \$2 50 . . . . .	27 50
	<hr/>
June, total . . . . .	\$ 112 00



Boilers, April. . . . .	\$ 99 00
“ May. . . . .	105 00
“ June. . . . .	112 00
	<hr/>
Total. . . . .	\$ 316 00

## ENGINEERS.

## Month ending April:

First Grade, 38 at \$5 00 . . . . .	\$ 190 00
Second Grade, 7 at \$3 50 . . . . .	24 50
Third Grade, 21 at \$2 50 . . . . .	52 50
	<hr/>
	\$ 267 00

## Month ending May:

First Grade, 20 at \$5 00 . . . . .	\$ 100 00
Second Grade, 13 at \$3 50 . . . . .	45 50
Third Grade 10 at \$2 50 . . . . .	25 00
First Grade, special, 4 at \$4 00 . . . . .	16 00
Second Grade, special, 4 at \$3 00 . . . . .	12 00
Third Grade, special, 2 at \$2 00 . . . . .	4 00
First Assistant, first grade, 2 at \$4 00. . . . .	8 00
	<hr/>
	\$ 210 50

## Month ending June:

First Grade, 5 at \$5 00 . . . . .	\$ 25 00
Second Grade, 5 at \$3 50 . . . . .	17 50
Third Grade, 5 at \$2 50 . . . . .	12 50
First Grade, special, 2 at \$4 00 . . . . .	8 00
Second Grade, special, 3 at \$3 00 . . . . .	9 00
Third Grade, special, 4 at \$2 00 . . . . .	8 00
First Assistant, first grade, 5 at \$4 00 . . . . .	20 00
	<hr/>
Total . . . . .	\$ 125 00

## Engineers' applications on file:

On file, 9 at \$1 00. . . . .	\$ 9 00
Refused, 3 at \$1 00 . . . . .	3 00
	<hr/>
Total. . . . .	\$ 12 00

ENGINEERS.

April . . . . .	\$ 267 00
May. . . . .	210 50
June. . . . .	125 00
Total . . . . .	\$ 602 50
Engineers . . . . .	\$ 602 50
Boilers. . . . .	210 50
On file. . . . .	12 00
Total. . . . .	\$ 930 50

Respectfully submitted,

W. T. EVERSON,  
*Inspector of Steam Boilers.*

REPORT OF THE INSPECTOR OF STEAM BOILERS  
For the Quarter Ending September 30, 1895.

---

*To the Honorable Mayor and Common Council :*

GENTLEMEN: --I herewith submit to your honorable body the report of the Inspector of Steam Boilers for the quarter ending September 30, 1895:

ENGINEERS.

July 31, 1895.

First Grade, 11 at \$5 00 . . . . .	\$ 55 00
Second Grade, 4 at \$3 50 . . . . .	14 00
Third Grade, 6 at \$2 50 . . . . .	15 00
First Grade, special, 1 at \$4 00 . . . . .	4 00
Second Grade, special, 3 at \$3 00 . . . . .	9 00
Third Grade, special, 3 at \$2 00 . . . . .	6 00
First Assistant, first grade, 3 at \$4 00 . . . . .	12 00
Refused, 1 at \$1 00 . . . . .	1 00
Total. . . . .	\$ 116 00

July 31, 1895.

Boilers under 10 H. P., 7 at \$3 00 . . . . .	\$ 21 00
Boilers over 10 H. P., 15 at \$5 00 . . . . .	75 00
Boilers 2 in battery, 2 battery of 2 each, \$8 00 . . . . .	16 00
Total . . . . .	<u>\$ 112 00</u>

4 filed applications last quarter, \$4 00.

Engineers, July . . . . .	\$ 116 00
Boilers, July . . . . .	112 00
	<u>\$ 228 00</u>
Deduct . . . . .	4 00
Total . . . . .	<u>\$ 224 00</u>

August 31, 1895.

#### ENGINEERS.

First Grade, 8 at \$5 00 . . . . .	\$ 40 00
Second Grade, 4 at \$3 50 . . . . .	14 00
Third Grade, 10 at \$2 50 . . . . .	25 00
First Grade, special, 2 at \$4 00 . . . . .	8 00
Second Grade, special, 4 at \$3 00 . . . . .	12 00
Third Grade, special, 2 at \$2 00 . . . . .	4 00
First Assistant, first grade, 7 at \$4 00 . . . . .	28 00
Refused, 2 at \$1 00 . . . . .	2 00
Total . . . . .	<u>\$ 133 00</u>

August 31, 1895.

#### BOILERS.

Boilers under 10 H. P., 9 at \$3 00 . . . . .	\$ 27 00
Boilers over 10 H. P., 12 at \$5 00 . . . . .	60 00
Boilers 2 in battery, 1 of 2 boilers, \$5 00 and \$3 00 . . . . .	8 00
Boilers over 3 in battery, 1 of 5 boilers, \$5 and \$2 50 . . . . .	18 50
Total . . . . .	<u>\$ 113 50</u>

2 applications filed last quarter—deduct, \$1 00 for each.

Engineers, . . . . .	\$ 133 00
Boilers, . . . . .	113 50
Total . . . . .	<u>\$ 246 50</u>
Deduct . . . . .	2 00
	<u>\$ 244 50</u>

September 30, 1895.

## ENGINEERS.

First Grade, 6 at \$5 00 . . . . .	\$ 30 00
Second Grade, 2 at \$3 50 . . . . .	7 00
Third Grade, 6 at \$2 50 . . . . .	15 00
First Grade, special, 3 at \$4 00. . . . .	12 00
Second Grade, special, 6 at \$3 00 . . . . .	18 00
Third Grade, special, 1 at \$2 00 . . . . .	2 00
First Assistant, first grade, 2 at \$4 00 . . . . .	8 00
Total . . . . .	\$ 92 00

September 30, 1895.

## BOILERS.

Boilers under 10 H. P., 4 at \$3 00 . . . . .	\$ 12 00
Boilers over 10 H. P., 4 at \$5 00 . . . . .	20 00
Boilers 3 in battery, 1 at \$5 00 and \$2 50 . . . . .	10 50
	\$ 42 50

1 filed application last quarter—deduct, \$1 00.

Engineers, . . . . .	\$ 92 00
Boilers, . . . . .	42 50
Total . . . . .	\$ 134 50
Deduct. . . . .	1 00
	\$ 133 50

## ENGINEERS.

July . . . . .	\$ 116 00
August. . . . .	133 00
September . . . . .	92 00
Total . . . . .	\$ 341 00

## BOILERS.

July . . . . .	\$ 112 00
August. . . . .	113 50
September. . . . .	42 50
Total . . . . .	\$ 268 00

Engineers, . . . . .	\$ 334 00
Boilers, . . . . .	268 00
Total . . . . .	\$ 602 00

Respectfully submitted,

W. T. EVERSON,  
*Inspector of Steam Boilers.*

### REPORT OF THE INSPECTOR OF STEAM BOILERS

For the Quarter Ending December 31, 1895.

*To the Honorable Mayor and Common Council :*

GENTLEMEN :—I herewith submit to your honorable body my report as Inspector of Steam Boilers for the quarter ending December 31, 1895 :

October, 1895.

#### ENGINEERS.

First Grade, 6 at \$5 00 . . . . .	\$ 30 00
Second Grade, 3 at \$3 50 . . . . .	10 50
Third Grade, 3 at \$2 50 . . . . .	7 50
First Grade, special, \$4 00 . . . . .	
Second Grade, special, 3 at \$3 00 . . . . .	9 00
Third Grade, special, 5 at \$2 00 . . . . .	10 00
First Assistant, first grade, 3 at \$4 00 . . . . .	12 00
Refused, 1 at \$1 00 . . . . .	1 00
	\$ 80 00

#### BOILERS.

Boilers under 10 H. P., 19 at \$3 00 . . . . .	\$ 57 00
Boilers over 10 H. P., 6 at \$5 00 . . . . .	30 00
	\$ 87 00
Engineers, . . . . .	\$ 80 00
Boilers, . . . . .	87 00
Total . . . . .	\$ 167 00

November, 1895.

## ENGINEERS.

First Grade, 5 at \$5 00 . . . . .	\$ 25 00
Second Grade, 5 at \$3 50 . . . . .	17 50
Third Grade, 2 at \$2 50 . . . . .	5 00
First Special, \$4 00 . . . . .	<u>          </u>
Second Special, 9 at \$3 00 . . . . .	27 00
Third Special, 6 at \$2 00 . . . . .	12 00
First Assistant, first grade, 3 at \$4 00 . . . . .	12 00
First Assistant, second grade, 1 at \$2 75 . . . . .	2 75
Second Assistant, first grade, 1 at \$3 00 . . . . .	3 00
Refused, 1 at \$1 00 . . . . .	1 00
	<u>          </u>
	\$ 105 25

## BOILERS.

Boilers under 10 H. P., 7 at \$3 00 . . . . .	\$ 21 00
Boilers over 10 H. P., 9 at \$5 00 . . . . .	45 00
Boilers over 3 in battery, 1 battery of 6, \$5 00 and \$2 50 . . . . .	17 50
	<u>          </u>
	\$ 83 50

Engineers, . . . . .	\$ 105 25
Boilers, . . . . .	83 50
	<u>          </u>

Total . . . . . \$ 188 75

December, 1895.

## ENGINEERS.

First Grade, 1 at \$5 00 . . . . .	\$ 5 00
Second Grade, 1 at \$3 50 . . . . .	3 50
Third Grade . . . . .	<u>          </u>
First Grade, special, 1 at \$4 00 . . . . .	4 00
Second Grade, special. . . . .	<u>          </u>
Third Grade, special, 6 at \$2 00 . . . . .	12 00
First Assistant, first grade, 1 at \$4 00 . . . . .	4 00
	<u>          </u>
	\$ 28 50

December, 1895.

## BOILERS.

Boilers under 10 H. P., 5 at \$3 00 . . . . .	\$ 15 00
Boilers over 10 H. P., 5 at \$5 00 . . . . .	25 00
	<u>          </u>
	\$ 40 00

Engineers, . . . . .	\$ 28 50
Boilers, . . . . .	40 00
	<hr/>
Total . . . . .	\$ 68 50
October . . . . .	\$ 167 00
November . . . . .	188 75
December . . . . .	68 50
	<hr/>
Total for quarter . . . . .	\$ 424 25

Respectfully submitted,

W. T. EVERSON,  
*Inspector of Steam Boilers.*



# S T A T E M E N T

—OF—

## RECEIPTS AND DISBURSEMENTS

BY THE BOARD OF

### NEW CITY HALL COMMISSIONERS

—OF THE—

CITY OF PORTLAND, OREGON,

From December 31, 1894, to March 31, 1895.

#### RECEIPTS.

1894.

Dec. 31. Balance in city treasury, as per statement this date . \$ 36,531 75

#### DISBURSEMENTS.

1895. *By Warrants drawn on City Treasurer :*

Jan.	2.	No. 215, to Otto Daniel, watchman . . . . .	\$ 9 00
	2.	No. 216, to A. J. Sutherland, acct. contract . . . . .	1,620 00
	5.	No. 217, to Multnomah Fuel Company, 43 cords wood . . . . .	118 25
	8.	No. 218, to Oregon Furniture Mfg. Co., acct. contract . . . . .	500 00
	8.	No. 219, to <i>Morning Oregonian</i> , advert'g . . . . .	17 40
	9.	No. 220, to H. P. Gregory & Co., acct. contract . . . . .	54 00
	11.	No. 221, to T. F. Osborn, agent, balance contract . . . . .	2,488 00
	11.	No. 222, to Meier & Frank Co., buckets, brooms, etc. . . . .	90
	12.	No. 223, to A. R. Heintz & Co., balance contract . . . . .	410 00

*Amounts carried forward* . . . . . \$ 5,217 55 \$ 36,531 75



		\$ 5,217 55	\$ 36,531 75
<i>Amounts brought forward . . . . .</i>			
Jan.	15.	No. 224, to Church & Lawson, acct. contract. . . . .	3,607 00
	15.	No. 225, to H. P. Gregory & Co., acct. contract. . . . .	54 00
	19.	No. 226, to W. D. Garrett, acct. contract . . . . .	300 00
	21.	No. 227, to A. J. Sutherland, balance contract . . . . .	150 00
	24.	No. 228, to J. M. Russell Co. and S. & N., acct. contract. . . . .	5,583 80
	25.	No. 229, to Thomas Dillinger, watchman . . . . .	42 50
	25.	No. 230, to H. P. Gregory & Co., acct. contract . . . . .	566 38
	28.	No. 231, to Whidden & Lewis, acct. architects' fees. . . . .	250 00
	31.	No. 232, to Precedemer & Tuerek, cleaning and polishing . . . . .	58 95
	31.	No. 233, to Povey Bros. Glass Co., glazing, etc. . . . .	17 35
Feb.	1.	No. 234, to C. H. Dodd & Co., extra vault door . . . . .	55 00
	2.	No. 235, to Tilton & Gerspach, 43 cords wood. . . . .	107 50
	2.	No. 236, to W. D. Garrett, acct. contract . . . . .	150 00
	6.	No. 237, to R. H. Miller, superintendence . . . . .	50 00
	9.	No. 238, to W. D. Garrett, acct. contract. . . . .	500 00
	11.	No. 239, to Bank British Columbia, acct. H. P. Gregory & Co contract . . . . .	150 00
	11.	No. 240, to C. Randolph, January salary. . . . .	50 00
	13.	No. 241, to Heywood Bros. & Co., acct. contract. . . . .	300 00
	13.	No. 242, to Forbes & Breeden, acct. contract . . . . .	96 00
	14.	No. 243, to Whidden & Lewis, acct. architects' fees. . . . .	500 00
	16.	No. 244, to W. D. Garrett, acct. contract. . . . .	400 00
	20.	No. 245, to C. F. Weber & Co., acct. contract . . . . .	163 00
	23.	No. 246, to W. D. Garrett, acct. contract. . . . .	1,000 00
	23.	No. 247, to Oregon Furniture Manufacturing Company, acct. contract . . . . .	900 00
	26.	No. 248, to R. H. Tate, acct. contract. . . . .	332 00
	27.	No. 249, to Meier & Frank Co., bill carpets. . . . .	162 80
		\$ 20,763 83	\$ 36,531 75
<i>Amounts carried forward . . . . .</i>			

<i>Amounts brought forward</i> . . . . .		\$20,763 83	£36,531 75
Mar. 1.	No. 250, to John Bingham, miscellaneous work . . . . .	159 90	
4	No. 251, to W. D. Garrett, acct. contract . . . . .	500 00	
4	No. 252, to Oregon Furniture Mfg. Co., acct. contract . . . . .	157 00	
5	No. 253, to Portland Wire & Iron Works, screens . . . . .	16 00	
8	No. 254, to J. M. Russell Co. and S. & N. acct. contract . . . . .	1,924 20	
8	No. 255, to A. McKenzie, safe platforms . . . . .	20 15	
9	No. 256, to W. D. Garrett, acct. contract . . . . .	500 00	
9	No. 257, to Oregon Furniture Mfg. Co., acct. contract . . . . .	275 00	
11	No. 258, to Office Specialty Mfg. Co., bill vault fixtures . . . . .	658 04	
16	No. 259, to C. Randolph, February salary . . . . .	50 00	
20	No. 260, to Electric & Gas Fixtures Co., balance contract . . . . .	438 75	
21	No. 261, to W. C. Noon Bag Co., account H. P. Gregory & Co., contract . . . . .	122 50	
21	No. 262, to G. G. Gammans, account H. P. Gregory & Co., contract . . . . .	161 62	
21	No. 263, to John Barrett Co., account H. P. Gregory & Co., contract . . . . .	297 88	
21	No. 264, to H. P. Gregory & Co., acct. contract . . . . .	130 75	
21	No. 265, to R. H. Tate, balance contract . . . . .	308 00	
21	No. 266, to A. C. Brown, bill plastering . . . . .	30 00	
22	No. 267, to Honeyman, DeH. & Co., acct. contract . . . . .	520 68	
22	No. 268, to Bank British Columbia, account H. P. Gregory & Co., contract . . . . .	250 00	
23	No. 269, to Walter Bros., bill carpets . . . . .	79 30	
23	No. 270, to Heywood Bros. & Co., balance contract . . . . .	406 00	
25	No. 271, to Oregon Furniture Mfg. Co., balance contract . . . . .	28 50	
25	No. 272, to Forbes & Breeden, balance contract . . . . .	358 10	
26	No. 273, to C. F. Weber & Co., balance contract . . . . .	515 00	
<i>Amounts carried forward</i> . . . . .		\$ 28,671 20	£ 36,531 75

<i>Amounts brought forward</i> . . . . .		\$28,671 20	\$ 36,531 75
Mar. 29.	No. 274, to Church & Lawson, acct. contract . . . . .	700 00	
29.	No. 275, to Walter Bros., bill window shades . . . . .	232 00	
30.	No. 276, to W. D. Garrett, acct. contract . . . . .	450 00	
30.	No. 277, to C. Randolph, March salary . . . . .	50 00	
		—————	\$ 30,103 20
31.	Balance in city treasury this date . . . . .		\$ 6,428 55

The undersigned hereby certifies that the above is a true statement of the receipts and disbursements by the Board of New City Hall Commissioners during the period stated.

W. M. LADD,  
*Chairman.*

Attest:

CHAS. RANDOLPH, *Clerk.*

PORTLAND, OR., April 1, 1895.

NEW CITY HALL COMMISSIONERS.

STATEMENT OF RECEIPTS AND DISBURSEMENTS FROM  
APRIL 1, 1895, TO JULY 1, 1895.

RECEIPTS.

1895.		
April 1.	Balance in city treasury, as per statement of this date . . . . .	\$ 6,428 55

DISBURSEMENTS.

1895.	<i>By Warrants drawn on City Treasurer :</i>	
April 12.	No. 278, favor Whidden & Lewis, acct. architects' fees . . . . .	\$ 500 00
12.	No. 279, favor Church & Lawson, acct. contract . . . . .	1,000 00
<i>Amounts carried forward</i> . . . . .		\$ 1,500 00
		\$ 6,428 55

<i>Amounts brought forward</i> . . . . .		\$ 1,500 00	\$ 6,428 55
	22. No. 280, favor T. F. Osborn, acct. special work . . . . .	12 50	
May	9. No. 281, favor Whidden & Lewis, acct. architects' fees . . . . .	500 00	
	9. No. 282, favor C. Randolph, acct. salary, \$50, stationery, \$1 10 . . . . .	51 10	
	9. No. 283, favor W. D. Garrett, acct. contract . . . . .	600 00	
	31. No. 284, favor C. Randolph, telegraphing . . . . .	3 70	
June	29. No. 285, favor J. Dilg, acct. special work . . . . .	10 00	
	29. No. 286, favor Rocheford, G. & G., acct. extra work . . . . .	31 10	
		—————	\$ 2,708 40
July	1. Balance in city treasury this date . . . . .		\$ 3,720 15

The undersigned hereby certifies that the above is a true statement of the receipts and disbursements by the Board of New City Hall Commissioners of the City of Portland during the period stated.

Attest:

CHAS. RANDOLPH, *Clerk.*

W. M. LAIRD,  
*Chairman.*

PORTLAND, OR., August 16, 1895.

## NEW CITY HALL COMMISSIONERS.

STATEMENT OF RECEIPTS AND DISBURSEMENTS FROM  
JULY 1, 1895, TO OCTOBER 1, 1895.

## RECEIPTS.

1895.

July	1.	Balance in city treasury, per statement this date . . . . .	\$ 3,720 15
------	----	---	-------------

## DISBURSEMENTS.

July	2.	Warrant No. 287, to John Bingham for work on building . . . . .	\$ 14 75
	2.	Warrant No. 288, to Church & Lawson, balance on contract. . . . .	1,213 05
	2.	Warrant No. 289, to Whidden & Lewis, on account architects' fees . . . . .	750 00
	2.	Warrant No. 290, Honeyman, DeHart & Co., balance on contract. . . . .	200 00
	2.	Warrant No. 291, to H. P. Gregory & Co., balance on contract . . . . .	85 00
	2.	Warrant No. 292, to A. C. Brown, for work on building . . . . .	98 50
			----- \$ 2,271 75
		Balance in treasury, October 1, 1895 . . . . .	\$ 1,448 40

The undersigned hereby certifies that the above is a true statement of the receipts and disbursements by the Board of New City Hall Commissioners of the City of Portland during the period stated.

W. M. LADD,

*Chairman of Commission.*

Attest:

CHAS. RANDOLPH, *Clerk.*

## FINAL STATEMENT.

## THE BOARD OF NEW CITY HALL COMMISSIONERS

IN ACCOUNT WITH

THE CITY OF PORTLAND, OREGON.

## RECEIPTS OF COMMISSION.

Received from the City of Portland, balance old fund	\$ 20,184 77
"    sales of stone from old foundation, deposited with treasurer. . . . .	600 00
Received from sale of city bonds, face value. . . . .	500,000 00
"    premium on bonds sold . . . . .	22,610 00
"    accrued interest on bonds sold. . . . .	6,038 68
	\$549,433 45

## LESS.

Paid on account of old foundation, Ledger 28—Miscellaneous items . . . \$	4,169 13
Paid in settlement with H. J. Hefty, architect . . . . .	8,634 60 - 12,803 73
Paid City Treasurer amount received for accrued interest on bonds sold, Ledger 18 . . . . .	6,038 68
	18,842 41
Net Am't available for constru'n of New City Hall	\$530,591 04

## PAID CONTRACTORS.

Ledger 32—Rockeford, Gould & Gladden, general construction . . . . .	\$367,896 82
"    33—H. P. Gregory & Co., heating and ven- tilating . . . . .	22,094 13
"    34—Church & Lawson, plumbing, gas fitting and drains . . . . .	17,870 05
"    35—R. H. Tate, electric wiring . . . . .	2,990 00
<i>Amount carried forward . . . . .</i>	\$410,851 00

<i>Amount brought forward</i> . . . . .	\$410,851 00
Ledger 36—A. R. Heintz & Co., ironworks, main stairs, etc . . . . .	2,569 20
“ 37—Keating & Leonard, concrete work . . . . .	1,328 00
“ 38—J. M. Russell Co. and Shannon & Neu. marble work . . . . .	31,843 60
“ 39—C. H. Dodd & Co., vault doors . . . . .	1,662 00
“ 40—John Fange and A. R. Sutherland, scagliola work . . . . .	8,170 00
“ 41—Chicago Orn. & Iron Co., ornamental ironwork . . . . .	15,238 00
“ 42—Crane Elevator Co., elevator, etc . . . . .	7,079 34
“ 43—Honeyman, DeHart & Co., hardware, etc. . . . .	2,920 68
“ 44—Electric & Gas Fixtures Co., electric and gas fixtures . . . . .	3,738 75
“ 45—W. D. Garrett, work on upper story . . . . .	7,207 00
“ 46—Oregon Furniture Mfg. Co., desks, counters and furniture . . . . .	3,860 50
“ 47—Heywood Bros. & Co., chairs and stools . . . . .	706 00
“ 48—Forbes & Breedlen, desks and carpets . . . . .	454 10
“ 49—C. F. Weber & Co., miscellaneous furniture . . . . .	678 00
“ 31—Meier & Frank Co., carpets . . . . .	162 80
“ 31—Office Specialty Mfg. Co., metal furnishings . . . . .	658 04
“ 31—Walter Bros., carpets . . . . .	79 30
“ 31—“ window shades . . . . .	232 00
“ 30-31—Whidden & Lewis, architects . . . . .	26,040 80
“ 30-31—Miscellaneous items viz: . . . . .	
Bassford & Hautf, fencing lot . . . . .	130 32
Advertising for proposals . . . . .	157 27
Analysis of stone . . . . .	20 00
Whidden & Lewis, expenses to Waterfall, Wyoming . . . . .	497 80
George Bamford, time to Waterfall, Wy . . . . .	54 00
Miss Morden, typewriting . . . . .	4 55
Interest on delayed payment, \$6,000 to Whidden & Lewis Bonds not yet delivered to purchaser . . . . .	224 00
Wood for heating building, . . . . .	310 00
Fire insurance on building . . . . .	121 50
<i>Amount carried forward</i> . . . . .	\$526,998 55

<i>Amount brought forward</i> . . . . .	\$526,998	55
Watchman at building, \$9, \$42.50 . . . . .	51	50
Meier & Frank Co., brooms and buckets . . . . .		90
Precedemer & Trueck, cleaning vault doors and bolts . . . . .	58	95
C. H. Dodd & Co., extra vault door . . . . .	55	00
Povey Bros., glazing . . . . .	17	35
Miller (late), superintendence of building . . . . .	50	00
Bingham, changing doors, etc. . . . .	159	90
Portland Wire Works, screens . . . . .	16	00
McKenzie, safe platform . . . . .	20	15
Brown, plastering (patching) . . . . .	30	00
T. F. Osborn, concrete floor, vaults . . . . .	12	50
J. Dilg, repairs . . . . .	10	00
Rochford, Gould & Gladden, repairs . . . . .	31	10
Bingham, miscellaneous work . . . . .	14	75
A. C. Brown, miscellaneous work . . . . .	8	95
General Expenses—Ledgers 20-1 viz:		
C. E. Haggins, clerk of commission, 6½ months . . . . .	\$	787 50
C. Randolph, clerk of commission, 35 6-31 months to May 1, 1895. . . . .	1,761 29—	2,548 79
Dolph, Mallory & Simon, attorney fees . . . . .	200	00
Printing bills . . . . .	176	00
Postage stamps . . . . .	4	70
Postal cards and printing same . . . . .	4	50
Stationery . . . . .	18	45
Expressage . . . . .	1	00
Honeyman, DeHart & Co., tape line and rule . . . . .	7	60
Insurance on bonds to and from Boston . . . . .	61	80
<i>Oregonian</i> , advertising . . . . .	28	90
Telegram to Rochford, Gould & Gladden, Omaha . . . . .	3	70
	<hr/>	\$530,591 04

W. M. LADD,  
*Chairman.*

Attest:

CHAS. RANDOLPH, *Clerk.*

PORTLAND, OR., January 18, 1896.





S T A T E M E N T  
 —OF—  
 RECEIPTS AND DISBURSEMENTS  
 —OF THE—  
 B R I D G E C O M M I S S I O N  
 OF THE CITY OF PORTLAND,

First quarter, from January 1, to March 31, 1895.

BRIDGE FUND.

1895.  
 Jan. 1. Balance in hands of treasurer, W. M.  
 Ladd . . . . . \$ 26,696 73

Receipts during the quarter:

From taxes collected . . . . .	273 55
From rents Portland Consolidated Street Ry Co . . . . .	530 11
From rents East Side Railway Co . . . . .	286 65
From rent small house . . . . .	30 00

DISBURSEMENTS.

Interest account . . . . .	\$ 31 25	1,037 41
General expense account . . . . .		45 00
Burnside-street bridge expense account . . . . .		269 70
Repairs on Madison-street bridge . . . . .		1,225 48
Operating Madison-street bridge . . . . .		1,806 86
Operating Burnside-street bridge . . . . .		115 85
Repairs on Burnside-street bridge . . . . .		
Transferred to Ferry fund, account of proportion taxes collected . . . . .		2,358 69
Balance in hands of W. M. Ladd, treasurer . . . . .		20,926 80

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\$ 27,817 04 \$ 27,817 04

## ALBINA FERRY.

1895.

Jan. 1. Balance in hands of W. M. Ladd, treasurer . . . . .	\$	1,561	02
Above transferred to ferry fund account of proportion taxes collected . . . . .		2,358	69
Paid operating expenses December, 1894, January, February and March, 1895. . . . .			3,200 00
Expenses on old boat-care . . . . .			10 00
Balance in hands of W. M. Ladd, treasurer . . . . .			709 71
			<hr/>
	\$	3,919	71
	\$	3,919	71

We, J. L. Sperry, chairman, and T. W. Pittenger, clerk, of the Bridge Commission of the City of Portland, hereby certify that the foregoing report is correct.

J. L. SPERRY, *Chairman.*

T. W. PITTENGER, *Clerk.*

PORTLAND, OR., April 1, 1895.

QUARTERLY REPORT OF THE BRIDGE COMMISSION

—OF THE—

CITY OF PORTLAND, OREGON, FOR THE SECOND QUARTER,

From April 1, 1895, to July 1, 1895.

BRIDGE FUND.

Balance in hands of W. M. Ladd, treasurer, on April 1, 1895, as per last report . . . . .	\$ 20,926 80
Receipts during the quarter:	
From Portland Consolidated Street Ry Co . . . . .	589 54
Rent of small house . . . . .	10 00

DISBURSEMENTS.

General expense account . . . . .	\$ 1,488 52
Repairs on Madison-street bridge . . . . .	274 02
Operating Madison-street bridge . . . . .	1,537 97
Repairs on Burnside-street bridge . . . . .	70 94
Operating Burnside-street bridge . . . . .	2,320 00
Balance in hands of W. M. Ladd, treasurer, trans- ferred same to Multnomah county . . . . .	15,834 89
	\$ 21,526 34 \$ 21,526 34

ALBINA FERRY.

Balance in hands of W. M. Ladd, treasurer, on April 1, 1895, as per last report . . . . .	\$ 709 71
Received from city, June 3 . . . . .	500 00

DISBURSEMENTS.

Operating expenses April, May, and part of the expenses of June . . . . .	\$ 1,081 96
Insurance . . . . .	125 00
Balance in hands of W. M. Ladd, treasurer, trans- ferred same to Multnomah county . . . . .	2 75
	\$ 1,209 71 \$ 1,209 71

NOTE—Amounts owing to the Commission:

East Side Railway Company on December 1, 1893. \$	1,207 12
Claims presented to receiver East Side Railway Co. for March, April, May and June, 1895 . . . . .	400 00
Portland Consolidated Street Railway Company, 3393 car crossings on Burnside-street bridge for June, 1895, at 7 cents per car . . . . .	237 51

*Report showing Receipts, Balances and Disbursements of the Bridge Commissioners and Bridge Committee, from the date of its formation, June 16, 1891, to July 1, 1895.*

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RECEIPTS.

From all sources up to January 1, 1895, as per report of that date . . . . .	\$ 624,455 86
Received during the half year, January 1, 1895, to July 1, 1895, viz. :	
From taxes collected . . . . .	273 55
From rent of small house . . . . .	40 00
From East Side Railway Company. . . . .	286 65
From Portland Consolidated Street Railway Co. . . . .	1,119 65
From city . . . . .	500 00

DISBURSEMENTS.

Interest account . . . . .	\$ 47,752 16
General expense account . . . . .	8,958 91
Engineering expense . . . . .	6,563 44
Madison-street bridge. . . . .	145,567 75
Albina Ferry interest, East Side landing and the W. S. Mason . . . . .	32,573 98
Burnside-street bridge, on the contract . . . . .	273,837 02
Burnside-street bridge expense account, including East and West landings . . . . .	42,087 75
Repairs on Madison-street bridge, gross. . . . .	11,071 06
Operating Madison-street bridge, gross . . . . .	14,972 71
Operating Burnside-street bridge, gross. . . . .	6,939 59
Repairs on Burnside-street bridge, gross . . . . .	231 74
Operating Albina Ferry, gross . . . . .	20,281 96
Balance bridge fund in hands of W. M. Ladd, transferred same to Multnomah county . . . . .	15,834 89
Balance Ferry fund in hands of W. M. Ladd, treasurer, transferred same to Multnomah county . . . . .	2 75
	<hr/>
	\$ 626,675 71 \$6 26,675 71

I certify the within and foregoing report is correct.

T. W. PITTENGER,  
*Clerk of the Bridge Commission of the City of Portland.*

PORTLAND, OR., August 16, 1895.

**R E P O R T**  
 —BY THE—  
**W A T E R C O M M I T T E E**  
 —OF THE—  
**C I T Y O F P O R T L A N D , O R E G O N**  
 —OF THE—

Receipts and Disbursements from January 1 to March 31, 1895.

**GENERAL ACCOUNT.**

1895.	R E C E I P T S.	
January 2—Par value 100 bonds (Nos. 1901 to 2000.) sold to E. & S. Heller . . . . .	\$100,000 00	
January 2—Accrued interest on ditto . . . . .	13 70	
January 2—Premium on ditto, 11 per cent. . . . .	11,000 00	
January 31—Cash from operating department . . . . .	13,000 00	
Feb'y 28—Cash from operating department . . . . .	14,500 00	
March 23—Cash from Wolff & Zwicker Iron works, account steel plates . . . . .	1,262 68	
March 31—Cash from operating department . . . . .	15,000 00	
	\$ 154,776 38	

D I S B U R S E M E N T S.

January 2—Refunded treasurer amount overdraft on him, Dec. 31, 1894 . . . . .	\$ 41,564 51
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R E S E R V O I R S.

Voucher No. 979, Banfield & Rand, . . . . .	\$ 216 05	
Voucher No. 980, Daniel Kern . . . . .	670 88	
Voucher No. 981, S. W. Aldrich . . . . .	1,138 99	
<i>Amounts carried forward . . . . .</i>	<i>\$ 2,025 92</i>	<i>41,564 51</i>

<i>Amounts brought forward</i> . . . . .	\$	2,025 92 <sup>3</sup>	41,564 51
Voucher No. 982, S. W. Aldrich . . . . .		7,245 10	
Voucher No. 984, Ham, Nickum & Co . . . . .		193 93	
Voucher No. 985, Ham, Nickum & Co. and J. M. Leavens . . . . .		2,968 03	
Voucher No. 986, Wolff, Zwicker & Buehner . . . . .		124 38	
Voucher No. 988, Oregon Refining & Roofing Co . . . . .		107 20	
Voucher No. 992, Willamette Iron Works . . . . .		36 58	
Voucher No. 994, I. K. Tuerck . . . . .		1,814 40	
Voucher No. 995, J. McCracken & Co. . . . .		121 40	
Voucher No. 999, N. P. Lumber Co. . . . .		136 99	
Voucher No. 1002, Inman, Poulsen & Co. . . . .		743 16	
Voucher No. 1003, Crane & Jack Co. . . . .		56 06	
Voucher No. 1007, John Barrett Co. . . . .		545 45	
Voucher No. 1009, Alcatraz Asphalt Co. . . . .		1,657 88	
Voucher No. 1010, Corbett, Failing & Robertson . . . . .		117 39	
Voucher No. 1014, Oregon Transfer Co. . . . .		43 60	
Voucher No. 1017, S. W. Aldrich . . . . .		1,872 80	
Voucher No. 1018, I. K. Tuerck . . . . .		1,733 76	
Voucher No. 1019, S. W. Aldrich . . . . .		554 10	
Voucher No. 1021, Union Iron Works . . . . .		140 79	
Voucher No. 1023, Keating & Leonard . . . . .		850 00	
Voucher No. 1024, City Water Works, per certi- fied payrolls and vouchers . . . . .		6,723 03	
Voucher No. 1026, S. W. Aldrich, per contract . . . . .		928 80	
Voucher No. 1027, Risdon Iron and Locomotive Works . . . . .		16,536 68	
Voucher No. 1028, Risdon Iron and Locomotive Works . . . . .		39 60	
Voucher No. 1029, James D. Schuyler . . . . .		500 00	
Voucher No. 1030, I. K. Tuerck . . . . .		1,854 72	
Voucher No. 1031, Daniel Kern . . . . .		544 20	
Voucher No. 1037, N. P. Lumber Co. . . . .		249 99	
Voucher No. 1038, Goldsmith & Loewenberg . . . . .		71 10	
Voucher No. 1039, California Wire Works . . . . .		61 36	
Voucher No. 1042, Corbett, Failing & Robertson . . . . .		70 57	
Voucher No. 1047, Wolff & Zwicker Iron Works . . . . .		70 00	
Voucher No. 1051, Oregon Transfer Co. . . . .		121 20	
Voucher No. 1054, Union Iron Works . . . . .		27 48	
Voucher No. 1055, James Alexander . . . . .		195 35	
Part voucher, 1056, City Water Works, per certi- fied payrolls and vouchers . . . . .		6,093 01	
<i>Amounts carried forward</i> . . . . .	\$	57,176 01 <sup>8</sup>	41,564 51

<i>Amounts brought forward</i> . . . . .	\$ 57,176 01	\$ 41,564 51
Voucher No. 1057, D. R. B. Winniford . . . . .	100 00	
Voucher No. 1058, S. W. Aldrich . . . . .	1,864 08	
Voucher No. 1059, S. W. Aldrich . . . . .	45 95	
Voucher No. 1062, Taylor, Young & Co. . . . .	28 50	
Voucher No. 1063, N. P. Lumber Co. . . . .	113 40	
Voucher No. 1066, Willamette Iron Works . . . . .	140 34	
Voucher No. 1067, Oregon Pottery Co. . . . .	138 55	
Voucher No. 1070, John Barrett Co. . . . .	7 48	
Voucher No. 1072, Wolff, Zwicker & Buehner . . . . .	49 65	
Voucher No. 1074, Wolff, Zwicker & Buehner . . . . .	498 53	
Voucher No. 1075, Wolff & Zwicker Iron Works . . . . .	10 20	
Voucher No. 1077, D. R. B. Winniford . . . . .	300 00	
Voucher No. 1078, Willamette Iron Works . . . . .	72 96	
Voucher No. 1082, Robert Collier & Co. . . . .	178 40	
Voucher No. 1084, N. P. Lumber Co. . . . .	73 50	
Part voucher, 1086, City Water Works, per certified payrolls and vouchers . . . . .	3,428 93	
	<hr/>	\$ 64,226 48

STEEL PLATES.

Part voucher, 1024, City Water Works, per certified payrolls and vouchers . . . . .	\$ 16 00	
	<hr/>	\$ 16 00

DISTRIBUTION SYSTEM.

Voucher No. 978, Wolff, Zwicker & Buehner . . . . .	\$ 778 26	
Voucher No. 987, Wolff, Zwicker & Buehner . . . . .	308 13	
Voucher No. 989, Oregon Iron & Steel Co. . . . .	69 45	
Voucher No. 990, Robert Collier & Co. . . . .	276 20	
Voucher No. 991, Willamette Iron Works . . . . .	141 44	
Voucher No. 996, J. McCracken & Co. . . . .	7 50	
Voucher No. 1007, John Barrett Co. . . . .	1 70	
Voucher No. 1015, Oregon Transfer Co. . . . .	16 60	
Voucher No. 1022, Paquet, Smith & Kilner . . . . .	396 04	
Part voucher, 1024, City Water Works, per certified payrolls and vouchers . . . . .	452 50	
Voucher No. 1036, Wolff, Zwicker & Buehner . . . . .	101 81	
Voucher No. 1045, Corbett, Failing & Robertson . . . . .	2 33	
	<hr/>	\$ 2,551 96
<i>Amounts carried forward</i> . . . . .	\$ 2,551 96	\$ 105,806 99



<i>Amounts brought forward</i> . . . . .	\$	2,551 96	\$	105,806 99
Voucher No. 1049, Wolff, Zwicker & Buehner . . . . .		50		60
Voucher No. 1052, Willamette Iron Works . . . . .		52		09
Voucher No. 1053, Pacific Metal Works . . . . .		101		06
Part voucher, 1056, City Water Works, per certified payrolls and vouchers . . . . .		508		75
Voucher No. 1060, Oregon Iron & Steel Co. . . . .		2,529		95
Voucher No. 1068, Oregon Transfer Co. . . . .		105		55
Voucher No. 1069, John Barrett Co. . . . .		185		28
Voucher No. 1073, Wolff, Zwicker & Buehner . . . . .		180		41
Voucher No. 1080, Willamette Iron Works . . . . .		163		32
Voucher No. 1081, Robert Collier & Co. . . . .		28		50
Voucher No. 1083, Pacific Iron Works . . . . .		67		50
Part voucher, 1086, City Water Works, per certified payrolls and vouchers . . . . .		437		85
			\$	6,962 82

## MANUFACTURING AND LAYING CAST IRON CONDUIT.

Voucher No. 992, Willamette Iron Works . . . . .	\$	73 15		
Voucher No. 1004, Crane & Jack Co. . . . .		20 84		
Voucher No. 1005, John Barrett Co. . . . .		3 54		
Part voucher, 1024, City Water Works, per certified payrolls and vouchers . . . . .		6 60		
Part voucher, 1056, City Water Works, per certified payrolls and vouchers . . . . .		7 00		
Voucher No. 1071, John Barrett Co. . . . .		30		
			\$	111 43

## PORTLAND HEIGHTS SUPPLY.

Voucher No. 983, S. W. Aldrich . . . . .	\$	512 40		
Voucher No. 997, Taylor, Young & Co. . . . .		500 00		
Voucher No. 998, N. P. Lumber Co. . . . .		9 60		
Voucher No. 1000, Goldsmith & Loewenberg . . . . .		50 50		
Voucher No. 1006, John Barrett Co. . . . .		88		
Voucher No. 1012, Corbett, Pailing & Robertson . . . . .		54 00		
Voucher No. 1020, S. W. Aldrich . . . . .		12 40		
Part voucher, 1024, City Water Works, per certified payrolls and vouchers . . . . .		215 15		
Voucher No. 1032, Fraser & Chalmers . . . . .		500 00		
Voucher No. 1033, Wolff, Zwicker & Buehner . . . . .		451 77		
Voucher No. 1042, Corbett, Pailing & Robertson . . . . .		56		
<i>Amounts carried forward</i> . . . . .	\$	2,307 26	\$	112,881 24

WATER COMMITTEE'S REPORT.

<i>Amounts brought forward</i> . . . . .	\$	2,307 26	\$	112,881 24
Part voucher, 1056, City Water Works, per certified payrolls and vouchers . . . . .		194 50		
Voucher No. 1061, Taylor, Young & Co. . . . .		500 00		
Voucher No. 1064, N. P. Lumber Co. . . . .		44 00		
Voucher No. 1065, Willamette Iron Works . . . . .		22 25		
Voucher No. 1076, Wolff, Zwicker & Buelmer . . . . .		10 82		
Voucher No. 1079, Willamette Iron Works . . . . .		197 76		
Part voucher, 1086, City Water Works, per certified payrolls and vouchers . . . . .		126 08		
			\$	3,492 67

MANUFACTURING AND LAYING STEEL CONDUIT.

Voucher No. 1011, Corbett, Failing & Robertson	\$	6 60		
Voucher No. 1016, Hoffman & Bates . . . . .		150 15		
Part voucher, 1024, City Water Works, per certified payrolls and vouchers . . . . .		43 50		
Voucher No. 1025, J. M. Leavens . . . . .		311 03		
Voucher No. 1034, Wolff, Zwicker & Buehner . . . . .		71 15		
Voucher No. 1035, Wolff, Zwicker & Buehner . . . . .		409 20		
Voucher No. 1047, Wolff & Zwicker Iron Works . . . . .		39 50		
Part voucher, 1056, City Water Works, per certified payrolls and vouchers . . . . .		47 78		
			\$	1,078 91

HEAD WORKS.

Voucher No. 1013, Corbett, Failing & Robertson	\$	2 25		
Part voucher, 1024, City Water Works, per certified payrolls and vouchers . . . . .		7 00		
Voucher No. 1044, Corbett, Failing & Robertson		8 39		
Voucher No. 1050, Wolff & Zwicker Iron Works		19 83		
Part voucher, 1056, City Water Works, per certified payrolls and vouchers . . . . .		10 25		
Part voucher, 1086, City Water Works, per certified payrolls and vouchers . . . . .		7 58		
			\$	55 30

GENERAL EXPENSE.

Voucher No. 1001, J. K. Gill Co. . . . .	\$	59 28		
Part voucher, 1024, City Water Works, per certified payrolls and vouchers . . . . .		770 91		
<i>Amounts carried forward</i> . . . . .	\$	830 19	\$	117,418 12

<i>Amounts brought forward</i> . . . . .	\$ 830 19	\$ 117,418 12
Voucher No. 1046, Corbett, Failing & Robertson	6 05	
Part voucher, 1056, City Water Works, per certified payrolls and vouchers . . . . .	879 64	
Voucher No. 1085, Frank T. Dodge, Salary as Clerk, three months . . . . .	150 00	
Part voucher, 1086, City Water Works, per certified payrolls and vouchers . . . . .	679 56	
	<hr/>	\$ 2,545 44

## SUBMERGED PIPES.

Voucher No. 1040, Oregon Bridge Co. and Perry Hinkle . . . . .	\$ 14,895 80	
Voucher No. 1041, Oregon Bridge Co. and Perry Hinkle . . . . .	12 16	
	<hr/>	\$ 14,907 96
		<hr/>
		\$ 134,871 52

## RECAPITULATION OF GENERAL ACCOUNT.

## RECEIPTS.

Par value of 100 bonds, (Nos. 1901 to 2000), sold to E. & S. Heller . . . . .	\$ 100,000 00	
Premium on ditto, at 11 per cent . . . . .	11,000 00	
Accrued interest on ditto, January 1-2 . . . . .	13 70	
Cash from Wolff & Zwicker Iron Works, account steel plates . . . . .	1,262 68	
Cash from operating department during quarter . . . . .	42,500 00	
	<hr/>	\$ 154,776 38

## DISBURSEMENTS

Reservoirs . . . . .	\$ 64,226 48	
Steel plates . . . . .	16 00	
Distribution system . . . . .	6,962 82	
Manufacturing and laying cast-iron conduit . . . . .	111 43	
Portland Heights supply . . . . .	3,402 67	
Manufacturing and laying steel conduit . . . . .	1,078 91	
Head works . . . . .	55 30	
General expense . . . . .	2,545 44	
	<hr/>	
<i>Amounts carried forward</i> . . . . .	\$ 78,399 05	\$ 154,776 38

WATER COMMITTEE'S REPORT.

301

Amounts brought forward . . . . .	\$ 78,399 05	\$ 154,776 38
Submerged pipes . . . . .	14,907 96	
Total on account construction . . . . .	\$ 93,307 01	
Refunded treasurer water com. amount overdraft . . . . .	41,564 51	
		<u>\$ 134,871 52</u>
Balance in hands of treasurer, March 31, 1895 . . . . .		<u>\$ 19,904 86</u>

OPERATING ACCOUNT.

RECEIPTS

Water rates—Amounts earned and credited on the books . . . . .	\$59,121 30	
Deduct amt. due from city for quarter . . . . .	6,193 20	
		<u>\$ 52,928 10</u>
Tapping mains (including \$200 fire-protection taps) . . . . .	238 00	
Turning on water . . . . .	37 00	
Rent of dwelling at Eighth-street reservoir . . . . .	15 00	
		<u>\$ 53,218 10</u>

DISBURSEMENTS

Palatine pumping-station . . . . .	\$ 1,888 92	
High-service pumping-station . . . . .	275 74	
Repairs to mains . . . . .	1,244 74	
General expense . . . . .	2,631 74	
Office expense . . . . .	1,489 20	
Office furniture . . . . .	58 72	
Books and Stationery . . . . .	158 53	
Loose property . . . . .	124 00	
Pipe line . . . . .	1,195 09	
Reservoirs . . . . .	1,254 01	
		<u>\$ 10,320 69</u>
Amt. paid to general account in Jan . . . . .	\$13,000 00	
Amt. paid to general account in Feb. . . . .	14,500 00	
Amt. paid to general account in Mar. . . . .	15,000 00	
		<u>\$ 42,500 00</u>
		<u>\$ 52,820 69</u>
Bal. in hands operating depart., Mar. 31, 1895 . . . . .		<u>\$ 397 41</u>

HENRY FAILING,

*Chairman Water Committee*

FRANK T. DODGE, *Clerk.*

PORTLAND, OREGON, March 31, 1895.

## REPORT OF THE WATER COMMITTEE

—BY THE—

CITY OF PORTLAND, OREGON,

—OF THE—

Receipts and Disbursements, April 1 to June 30, 1895.

## GENERAL ACCOUNT.

1895.

March	31—Cash in hands treasurer, per report this date . . . . .	\$ 19,904 86
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## RECEIPTS.

April	30—Cash from operating department . . .	\$ 16,000 00
May	22—Cash from operating department . . .	12,000 00
May	31—Cash from operating department . . .	3,000 00
June	25—Cash from operating department . . .	13,000 00
June	30—Cash from operating department. . .	4,500 00
		----- \$ 48,500 00
Total	. . . . .	\$ 68,404 86

## DISBURSEMENTS.

## RESERVOIRS.

Voucher No. 1088, D. R. B. Winniford . . . . .	\$ 250 00
Voucher No. 1089, S. W. Aldrich . . . . .	1,750 95
Voucher No. 1093, Crane & Jack Co . . . . .	26 16
Voucher No. 1094, Taylor, Young & Co. . . . .	166 40
Part voucher 1096, City Water Works, per certified payrolls and vouchers . . . . .	2,208 59
Vouchers 1097-1099, D. R. B. Winniford . . . . .	337 00
Voucher No. 2000, S. W. Aldrich . . . . .	1,354 34
	-----
<i>Amount carried forward</i> . . . . .	\$ 6,093 44

WATER COMMITTEE'S REPORT.

<i>Amount brought forward</i> . . . . .	\$	6,093 44	
Voucher No. 2000 <sup>1</sup> , W.J. Watson and J.P. Prutzman . . . . .		2,055 26	
Voucher No. 2007, Crane & Jack Co. . . . .		7 72	
Voucher No. 2011, Robert Collier & Co. . . . .		187 75	
Voucher No. 2012, D. R. B. Winniford . . . . .		304 00	
Part voucher 2013, City Water Works, per certified payrolls and vouchers . . . . .		1,069 74	
Voucher No. 2017, Daniel Kern . . . . .		78 98	
Voucher No. 2023, W. P. Fuller & Co. . . . .		73 89	
Voucher No. 2024, J. R. Burnham . . . . .		58 00	
Vouchers 2026-2027, Whidden & Lewis . . . . .		351 00	
Part voucher 2028, City Water Works, per certified payrolls and vouchers . . . . .		1,661 68	
		<hr/>	\$ 11,941 46

MANUFACTURING AND LAYING STEEL CONDUIT.

Part voucher 1096, City Water Works, per certified payrolls and vouchers . . . . .	\$	23 25	
Part voucher 2013, City Water Works, per certified payrolls and vouchers . . . . .		181 20	
Part voucher 2028, City Water Works, per certified payrolls and vouchers . . . . .		58 05	
		<hr/>	\$ 262 50

MANUFACTURING AND LAYING CAST-IRON CONDUIT.

Voucher No. 2001, Oregon Iron & Steel Company, \$ . . . . .	\$	27,068 50	
		<hr/>	\$ 27,068 50

DISTRIBUTION SYSTEM.

Voucher No. 1087, Wolff, Zwicker & Buehner . . . . .	\$	10,600 00	
Voucher No. 1090, Pacific Metal Works . . . . .		367 48	
Part voucher 1096, City Water Works, per certified payrolls and vouchers . . . . .		104 91	
Voucher No. 2002, John Barrett Co . . . . .		1,591 50	
Voucher No. 2003, Willamette Iron Works . . . . .		195 97	
Voucher No. 2004, Oregon Transfer Co . . . . .		123 70	
Voucher No. 2008, Wolff & Zwicker Iron Works . . . . .		59 23	
Voucher No. 2010, Robert Collier & Co . . . . .		17 96	
Part voucher 2013, City Water Works, per certified payrolls and vouchers . . . . .		460 44	
		<hr/>	
<i>Amounts carried forward</i> . . . . .	\$	13,521 19	\$ 39,272 46

<i>Amounts brought forward</i> . . . . .	\$ 13,521 19	\$ 39,272 46
Voucher No. 2015, Oregon Iron & Steel Co . . . . .	2,698 30	
Voucher No. 2016, Oregon Iron & Steel Co . . . . .	1,586 11	
Voucher No. 2019, Crane & Jack Co. . . . .	939 33	
Voucher No. 2025, Oregon Transfer Co . . . . .	115 00	
Part voucher 2028, City Water Works, per certified payrolls and vouchers . . . . .	1,011 41	
	<u>-----</u>	\$ 19,871 34

## PORTLAND HEIGHTS SUPPLY.

Voucher No. 1091, Pacific Iron Works . . . . .	\$ 100 30	
Voucher No. 1092, Crane & Jack Co . . . . .	108 16	
Voucher No. 1095, Taylor, Young & Co . . . . .	147 30	
Part voucher 1096, City Water Works, per certified payrolls and vouchers . . . . .	247 90	
Voucher No. 2005, Oregon Transfer Co . . . . .	5 40	
Voucher No. 2006, Crane & Jack Co. . . . .	873 49	
Voucher No. 2009, Wolff & Zwicker Iron Works . . . . .	216 76	
Part voucher, 2013, City Water Works, per certified payrolls and vouchers . . . . .	640 45	
Voucher No. 2018, Daniel Kern . . . . .	129 84	
Vouch's 2020-2021, Crane & Jack Co . . . . .	41 70	
Voucher No. 2022, Taylor, Young & Co . . . . .	77 35	
Part voucher, 2028, City Water Works, per certified payrolls and vouchers . . . . .	512 90	
	<u>-----</u>	\$ 3,101 55

## GENERAL EXPENSES.

Part voucher, 1096, City Water Works, per certified payrolls and vouchers . . . . .	\$ 632 23	
Part voucher, 2013, City Water Works, per certified payrolls and vouchers . . . . .	486 74	
Part voucher, 2028, City Water Works, per certified payrolls and vouchers . . . . .	539 33	
Voucher No. 2029, Frank T. Dodge, salary as clerk 3 months . . . . .	150 00	
	<u>-----</u>	\$ 1,808 30

## INTEREST ON BONDS.

Voucher No. 2014, Frank Hacheny, city treasurer amount deposited with him June 29, 1895, for paying semi- annual interest on \$2,700,000 bonds issued to date . . . . .	\$ 67,500 00	
	<u>-----</u>	\$ 67,500 00
Total . . . . .		\$131,553 65

### RECAPITULATION OF GENERAL ACCOUNT.

Balance in hands of treasurer, March 31, 1895, as above . . . . .	\$ 19,904 86	
Cash from operating department during quarter . . . . .	48,500 00	
		\$ 68,404 86

#### DISBURSEMENTS.

Reservoirs . . . . .	\$ 11,941 46	
Manufacturing and laying steel conduit . . . . .	262 50	
Manufacturing and laying cast-iron conduit . . . . .	27,068 50	
Distribution system . . . . .	19,871 34	
Portland Heights supply . . . . .	3,101 55	
General expense . . . . .	1,808 30	
Interest on bonds . . . . .	67,500 00	
		\$131,553 65
Bal. overdraft due treasurer water committee . . . . .		\$ 63,148 79

#### OPERATING ACCOUNT.

Balance in hands of operating department, March 31, 1895 . . . . .	\$ 397 41
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#### RECEIPTS.

Water rates—Amounts earned and credited on the books . . . . .	\$66,771 40	
Deduct amt. due from city for quarter . . . . .	8,468 20	
		\$ 58,303 20
Tapping mains . . . . .	93 00	
Turning on water . . . . .	60 50	
Rent of dwelling at Eighth-street reservoir . . . . .	15 00	
		\$ 58,471 70
<i>Amount carried forward</i> . . . . .		\$ 58,869 11



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*Amount brought forward* . . . . . \$ 58,869 11

## DISBURSEMENTS.

Palatine pumping-station . . . . .	\$ 622 27
Repairs to street mains . . . . .	1,396 71
General expenses . . . . .	3,003 67
Office expenses . . . . .	1,621 75
Office furniture . . . . .	71 42
Books and stationery . . . . .	142 87
Meters . . . . .	473 81
Loose property . . . . .	284 10
Pipe line . . . . .	803 46
Reservoirs . . . . .	1,687 08

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\$ 10,107 14

Amt. paid to general acct in April . . . \$16,000 00

Amt. paid to general acct in May . . . 15,000 00

Amt. paid to general acct in June . . . 17,500 00

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\$ 48,500 00 \$ 58,607 14

Bal. in hands operating depart., June 30, 1895

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\$ 261 97

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HENRY FAILING,

*Chairman Water Committee*

FRANK T. DODGE, *Clerk*

PORTLAND, OREGON, June 30, 1895.

REPORT BY THE WATER COMMITTEE

—OF THE—

CITY OF PORTLAND, OREGON,

—OF THE—

Receipts and Disbursements, July 1 to Sept. 30, 1895.

GENERAL ACCOUNT.

1895.		RECEIPTS.	
July	1—Par value 200 bonds (Nos. 2001 to 2200) sold to Cushman, Fisher & Co., Boston	\$200,000 00	
July	1—Premium on ditto, 14 per cent . . . . .	28,000 00	
July	31—Cash from operating department . . . . .	18,000 00	
Aug.	31—Cash from operating department . . . . .	18,000 00	
Sept.	26—Cash from St. Vincent's hospital, account extension distribution pipe . . . . .	414 00	
Sept.	30—Cash from operating department . . . . .	20,000 00	
			<u>\$284,414 00</u>

DISBURSEMENTS.

July	1—Refunded treasurer amount overdraft on him, June 30, 1895 . . . . .	\$ 63,148 79
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RESERVOIRS.

Voucher No. 2030, I. K. Tuerck . . . . .	\$ 1,869 49
Voucher No. 2032, E. Portland Mill & Fixture Co . . . . .	698 25
Voucher No. 2034, W. P. Fuller & Co . . . . .	274 62
Voucher No. 2035, Willamette Iron Works . . . . .	66 66
Voucher No. 2037, J. R. Burnham . . . . .	43 50
Voucher No. 2038, Oregon Pottery Co. . . . .	237 40
Voucher No. 2039, Theodore Jensen . . . . .	12 95
Voucher No. 2040, North Pacific Lumber Co. . . . .	72 66
Voucher No. 2048, Crane & Jack Co. . . . .	6 93
Voucher No. 2049, Corbett, Failing & Robertson . . . . .	35 73
Voucher No. 2052, Inman, Poulson & Co. . . . .	450 51
<i>Amounts carried forward . . . . .</i>	<u>\$ 3,768 70</u>
	\$ 63,148 79

<i>Amounts brought forward</i> . . . . .	\$	3,768 70	\$	63,148 79
Part voucher, 2054, City Water Works office per certified payrolls and vouchers		4,197 25		
Voucher No. 2058, Star Sand Co . . . . .		943 50		
Voucher No. 2059, N. P. Lumber Co . . . . .		93 94		
Voucher No. 2062, Oregon Pottery Co. . . . .		711 80		
Voucher No. 2063, Crane & Jack Co. . . . .		887 64		
Voucher No. 2067, W. P. Fuller & Co. . . . .		128 84		
Voucher No. 2073, The J. McCracken Co. . . . .		2,523 50		
Part voucher, 2074, City Water Works office, per certified payrolls and vouchers		5,592 65		
Voucher No. 2076, S. W. Aldrich . . . . .		6,479 95		
Voucher No. 2079, The J. McCracken Co. . . . .		4,105 65		
Voucher No. 2081, Crane & Jack Co. . . . .		31 33		
Voucher No. 2083, Star Sand Co. . . . .		969 19		
Voucher No. 2084, Oregon Pottery Co. . . . .		125 10		
Voucher No. 2085, Oregon Pine Lumber Co. . . . .		70 99		
Voucher No. 2086, Theodore Jensen . . . . .		60 20		
Voucher No. 2087, James Frainey . . . . .		121 60		
Voucher No. 2088, Thomas K. Muir . . . . .		366 00		
Part voucher, 2090, City Water Works office, per certified payrolls and vouchers		6,812 66		
				<u>\$ 37,990 49</u>

## DISTRIBUTION SYSTEM.

Voucher No. 2045, David M. Dunne . . . . .	\$	1 13		
Voucher No. 2046, Crane & Jack Co. . . . .		251 10		
Voucher No. 2050, Corbett, Failing & Robertson		23 70		
Voucher No. 2053, Oregon Iron & Steel Co. . . . .		1,875 75		
Part voucher, 2054, City Water Works' office, per certified payrolls and vouchers		877 64		
Voucher No. 2065, Crane & Jack Co. . . . .		181 34		
Voucher No. 2066, Willamette Iron Works . . . . .		78 99		
Part voucher, 2074, City Water Works' office, per certified payrolls and vouchers		278 92		
Voucher No. 2075, Multnomah County . . . . .		2,000 00		
Voucher No. 2077, Oregon Iron & Steel Co. . . . .		6,323 37		
Voucher No. 2078, Brady & Sherrett . . . . .		783 95		
Voucher No. 2080, Crane & Jack Co. . . . .		1,534 40		
Part voucher, 2090, City Water Works' office, per certified payrolls and vouchers		1,852 80		
				<u>\$ 16,063 09</u>
<i>Amount carried forward</i> . . . . .				<u>\$117,202 37</u>

*Amount brought forward* . . . . . \$ 117,202 37

MANUFACTURING AND LAYING STEEL CONDUIT

Voucher No. 2043, David M. Dunne . . . . .	\$ 109 95	
Part voucher, 2054, City Water Works, per certified payrolls and vouchers . . . . .	98 00	
Voucher No. 2072, J. McCracken & Co. . . . .	12 75	
Part voucher, 2074, City Water Works, per certified payrolls and vouchers . . . . .	368 20	
Part voucher, 2090, City Water Works, per certified payrolls and vouchers . . . . .	72 90	
	<hr style="width: 100%; border: none; border-top: 1px dashed black;"/>	\$ 661 80

HEAD WORKS.

Part voucher, 2054, City Water Works, per certified payrolls and vouchers . . . . .	\$ 104 59	
Part voucher, 2090, City Water Works, per certified payrolls and vouchers . . . . .	14 95	
	<hr style="width: 100%; border: none; border-top: 1px dashed black;"/>	\$ 119 54

RIGHTS OF WAY, ETC.

Voucher No. 2057, John Harris . . . . .	\$ 100 00	
Part voucher, 2090, City Water Works, per certified payrolls and vouchers . . . . .	115 50	
	<hr style="width: 100%; border: none; border-top: 1px dashed black;"/>	\$ 215 50

PORTLAND HEIGHTS SUPPLY.

Voucher No. 2031, S. W. Aldrich . . . . .	\$ 2,014 20	
Voucher No. 2033, Robert Collier & Co. . . . .	81 00	
Voucher No. 2036, J. McCracken & Co. . . . .	44 10	
Voucher No. 2040, Theodore Jensen . . . . .	102 57	
Voucher No. 2041, N. P. Lumber Co. . . . .	17 03	
Voucher No. 2044, David M. Dunne . . . . .	7 75	
Voucher No. 2047, Crane & Jack Co. . . . .	622 11	
Voucher No. 2051, Corbett, Failing & Robertson	14 67	
Voucher No. 2054, City Water Works, per certified payrolls and vouchers . . . . .	322 70	
Voucher No. 2055, S. W. Aldrich . . . . .	453 87	
Voucher No. 2056, Fraser & Chalmers . . . . .	9,546 20	
Voucher No. 2060, N. P. Lumber Co. . . . .	3 26	
Voucher No. 2061, Oregon Pottery Co. . . . .	28 65	
	<hr style="width: 100%; border: none; border-top: 1px dashed black;"/>	

*Amounts carried forward* . . . . . \$ 13,258 11 \$ 118,199 21

<i>Amounts brought forward</i> . . . . .	\$ 13,258 11	\$ 118,199 21
Voucher No. 2064, Crane & Jack Co. . . . .	45 59	
Voucher No. 2068, W. P. Fuller & Co. . . . .	85 08	
Voucher No. 2069, Frank Holcomb & Co. . . . .	127 86	
Voucher No. 2070, Taylor, Young & Co. . . . .	140 00	
Voucher No. 2071, The J. McCracken Co. . . . .	37 70	
Part voucher, 2074, City Water Works, per certified payrolls and vouchers . . . . .	690 39	
Voucher No. 2082, Crane & Jack Co. . . . .	6 00	
Part voucher, 2090, City Water Works, per certified payrolls and vouchers . . . . .	147 68	
	-----	\$ 14,538 41

## GENERAL EXPENSE.

Part voucher, 2054, City Water Works, per certified payrolls and vouchers . . . . .	\$ 306 78	
Part voucher, 2074, City Water Works, per certified payrolls and vouchers . . . . .	237 30	
Part voucher 2090, City Water Works, per certified payrolls and vouchers . . . . .	270 02	
Voucher No. 2089, Frank T. Dodge, salary as clerk 3 months . . . . .	150 00	
	-----	\$ 964 10
		<u>\$ 133,701 72</u>

## RECAPITULATION OF GENERAL ACCOUNT.

## RECEIPTS.

Par value of 200 bonds, (Nos. 2001 to 2200), sold to Cushman, Fisher & Co., Boston . . . . .	\$ 200,000 00
Premium on ditto, at 14 per cent . . . . .	28,000 00
Cash from operating department during quarter . . . . .	56,000 00
Cash from St. Vincent's Hospital, account extension distribution pipe . . . . .	414 00
	-----
	\$ 284,414 00
<i>Amount carried forward</i> . . . . .	\$ 284,414 00

*Amount brought forward* . . . . . \$ 284,414 00

DISBURSEMENTS

Reservoirs . . . . .	\$ 37,990 49	
Distribution system . . . . .	16,063 09	
Manufacturing and laying steel conduit . . . . .	661 80	
Head works . . . . .	119 54	
Rights of way, etc . . . . .	215 50	
Portland Heights supply . . . . .	14,538 41	
General expense . . . . .	964 10	
		<hr/>
Total on account construction . . . . .	\$ 70,552 93	
Refunded treasurer water com. amount overdraft . . . . .	63,148 79	
		<hr/>
		\$ 133,701 72
		<hr/>
Balance in hands of treasurer, Sept. 30, 1895 . . . . .		\$ 150,712 28
		<hr/>

OPERATING ACCOUNT.

Balance in hands operating department, June 30, 1895 . . . . . \$ 261 97

RECEIPTS

Water rates—Amounts earned and credited on the books . . . . .	\$74,977 25	
Deduct amt. due from city for quarter . . . . .	9,504 10	
		<hr/>
	\$ 65,473 15	
Tapping mains . . . . .	136 00	
Turning on water . . . . .	84 50	
Rent of dwelling at Eighth-street reservoir . . . . .	15 00	
		<hr/>
		\$ 65,708 65
		<hr/>
		\$ 65,970 62

DISBURSEMENTS

Palatine pumping-station . . . . .	\$ 305 35	
Repairs to street mains . . . . .	1,616 07	
General expense . . . . .	3,054 87	
Office expense . . . . .	1,627 00	
		<hr/>
<i>Amounts carried forward</i> . . . . .	\$ 6,603 29	\$ 65,970 62

## WATER COMMITTEE'S REPORT.

<i>Amounts brought forward</i> . . . . .	\$	6,603 29	\$	65,970 62
Books and Stationery . . . . .		82 05		
Loose property . . . . .		335 81		
Meters . . . . .		308 87		
Pipe line . . . . .		724 87		
Reservoirs . . . . .		1,660 41		
	\$	9,715 30		
Amt. paid to general account in July . . . . .	\$	18,000 00		
Amt. paid to general account in Aug. . . . .		18,000 00		
Amt. paid to general account in Sept. . . . .		20,000 00		
	-----\$	56,000 00	\$	65,715 30
Bal. in hands operating depart., Sept. 30, 1895			\$	255 32

HENRY FAILING,  
*Chairman Water Committee*

FRANK T. DODGE, *Clerk.*

PORTLAND, OREGON, September 30, 1895.

REPORT OF THE WATER COMMITTEE

—BY THE—

CITY OF PORTLAND, OREGON,

—OF THE—

Receipts and Disbursements, Sept. 30 to Dec. 31, 1895.

**GENERAL ACCOUNT.**

1895.

Sept.	30—Cash in hands treasurer, per report this date . . . . .	\$ 150,712 28
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**RECEIPTS.**

Oct.	31—Cash from operating department . . . \$	16,500 00
Nov.	30—Cash from operating department . . .	17,000 00
Dec.	31—Cash from operating department . . .	16,192 48
		\$ 49,692 48
Total	. . . . .	\$ 200,404 76

**DISBURSEMENTS.**

**RESERVOIRS.**

Part voucher 2093, City Water Works, per certi- fied payrolls and vouchers . . . \$	3,695 56
Voucher No. 2094, Star Sand Co., . . . . .	171 44
Voucher No. 2095, D. M. Watson . . . . .	470 69
Part voucher, 2096, City Water Works, per certi- fied payrolls and vouchers . . . . .	2,102 53
Voucher No. 2098, D. M. Watson . . . . .	582 75
Part voucher, 2100, City Water Works, per certi- fied payrolls and vouchers . . . . .	1,386 69
	\$ 8,409 66
<i>Amount carried forward</i> . . . . .	\$ 8,409 66



*Amount brought forward* . . . . . \$ 8,409 66

## DISTRIBUTION SYSTEM.

Voucher No. 2091, Oregon Iron & Steel Co. . . . .	\$ 16,423 64	
Voucher No. 2092, Oregon Iron & Steel Co. . . . .	282 68	
Part voucher, 2093, City Water Works, per certified payrolls and vouchers . . . . .	2,090 23	
Part voucher, 2096, City Water Works, per certified payrolls and vouchers . . . . .	326 10	
Part voucher, 2100, City Water Works, per certified payrolls and vouchers . . . . .	54 00	
	<u>-----</u>	\$ 19,176 65

## PORTLAND HEIGHTS SUPPLY.

Part voucher, 2093, City Water Works, per certified payrolls and vouchers \$ . . . . .	873 87	
Part voucher, 2096, City Water Works, per certified payrolls and vouchers . . . . .	568 65	
Part voucher, 2100, City Water Works, per certified payrolls and vouchers . . . . .	263 43	
	<u>-----</u>	\$ 1,705 95

## MANUFACTURING AND LAYING STEEL CONDUIT.

Part voucher, 2093, City Water Works, per certified payrolls and vouchers \$ . . . . .	74 15	
Part voucher, 2096, City Water Works, per certified payrolls and vouchers . . . . .	167 00	
Part voucher, 2100, City Water Works, per certified payrolls and vouchers . . . . .	1 00	
	<u>-----</u>	\$ 242 15

## RIGHT OF WAY, RIPARIAN RIGHTS AND LANDS.

Part voucher, 2096, City Water Works, per certified payrolls and vouchers \$ . . . . .	384 50	
Part voucher, 2100, City Water Works, per certified payrolls and vouchers . . . . .	13 00	
	<u>-----</u>	\$ 397 50

## GENERAL EXPENSE.

Part voucher, 2093, City Water Works, per certified payrolls and vouchers \$ . . . . .	245 97	
Part voucher, 2096, City Water Works, per certified payrolls and vouchers . . . . .	248 63	
<i>Amounts carried forward</i> . . . . .	\$ 494 60	\$ 29,931 91

<i>Amounts brought forward</i> . . . . .	\$ 494 60\$	29,931 91
Part voucher 2100, City Water Works, per certified payrolls and vouchers	300 46	
Voucher No. 2099, Frank T. Dodge, Salary as Clerk, three months . . . . .	150 00	
	-----\$	945 06

HEAD WORKS.

Part voucher, 2096, City Water Works, per certified payrolls and vouchers . . . . .	\$ 58 94	
Part voucher 2100, City Water Works, per certified payrolls and vouchers . . . . .	19 22	
	-----\$	78 16

INTEREST ON BONDS.

Voucher No. 2097, Frank Hacheny, city treasurer amount deposited with him Dec. 31, 1895, for paying semi-annual interest on \$2,900,000 bonds issued to date . . . . .	\$ 72,500 00	
	-----\$	72,500 00
Total . . . . .		\$ 103,455 13

**RECAPITULATION OF GENERAL ACCOUNT.**

Balance in hands of treasurer, September 30, 1895 as above . . . . .	\$ 150,712,28	
Cash from operating department during quarter . . . . .	49,692 48	
	-----\$	200,404 76

DISBURSEMENTS.

Reservoirs . . . . .	\$ 8,409 66	
Distribution system . . . . .	19,176 65	
Portland Heights supply . . . . .	1,705 95	
Manufacturing and laying steel conduit . . . . .	242 15	
Rights of way, riparian rights and land . . . . .	397 50	
General expense . . . . .	945 06	
Head works . . . . .	78 16	
Interest on bonds . . . . .	72,500 00	
	-----\$	103,455 13
Balance in hands of treasurer, Dec. 31, 1895 . . . . .	\$ 96,949 63	

**OPERATING ACCOUNT.**

Balance in hands of operating department Sept- ember 30, 1895, . . . . .	\$ 255 32
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**RECEIPTS.**

Water rates—Amounts earned and cred- ited on books . . . . .	\$66,716 55	
Deduct amt. due from city for quarter . . . . .	8,333 80	
	-----	\$ 58,382 75
Tapping mains . . . . .		84 75
Turning on water . . . . .		76 50
Rent of dwelling at Eighth-street reservoir . . . . .		15 00
		-----
		\$ 58,559 00
		-----
		\$ 58,814 32

**DISBURSEMENTS.**

Palatine pumping station . . . . .	\$ 315 40	
Repairs to mains . . . . .	1,172 20	
General expense . . . . .	2,715 00	
Office expense . . . . .	1,640 18	
Books and stationery . . . . .	106 26	
Loose property . . . . .	370 00	
Pipe line . . . . .	1,035 35	
Reservoirs . . . . .	1,767 45	
	-----	
		\$ 9,121 84
Amt. paid to general acct. in October . . . . .	\$16,500 00	
Amt. paid to general acct. in November . . . . .	17,000 00	
Amt. paid to general acct. in December . . . . .	16,192 48	
	-----	
		\$ 49,692 48\$ 58,814 32

No money in hands of Operating Department,  
December 31, 1895.

TOTAL RECEIPTS AND DISBURSEMENTS

—OF THE—

OPERATING DEPARTMENT, CITY WATER WORKS,

For the Year Ending Dec. 31, 1895.

RECEIPTS.

Water rates . . . . .	\$ 210,509 20	
Irrigation . . . . .	9,412 90	
Multnomah Driving Association . . . . .	43 90	
Elevators . . . . .	13,261 10	
Building purposes . . . . .	1,860 10	
Tapping mains . . . . .	551 75	
Turning on water . . . . .	258 50	
Rent of dwelling at Eighth-street reservoir . . . . .	60 00	
		<u>\$ 235,957 45</u>

DISBURSEMENTS.

Palatine pumping station . . . . .	\$ 3,131 94	
High service pumping station . . . . .	275 74	
Repairs to mains . . . . .	5,429 72	
General expense . . . . .	11,405 28	
Office expense . . . . .	6,378 13	
Office furniture . . . . .	130 14	
Books and stationery . . . . .	489 71	
Loose property . . . . .	1,113 91	
Meters . . . . .	782 68	
Pipe line . . . . .	3,758 77	
Reservoirs . . . . .	6,368 95	
		<u>\$ 39,264 97</u>
Amt. paid to gen'l acct. per receipts of Treasurer	196,692 48	<u>\$ 235,957 45</u>

No money in hands of Operating Department,  
December 31, 1895.

## TOTAL, RECEIPTS AND DISBURSEMENTS

—BY THE—

## WATER COMMITTEE,

For the Year ending December 31, 1895.

## RECEIPTS.

1895.	Bonds sold—issue of 1893—par value :	
Jan.	2—100 bonds, (Nos. 1901 to 2000) sold to E. & S. Heller, San Francisco, at 11% . . . .	\$100,000 00
July	1—200 bonds, (Nos. 2001 to 2200) sold to Cushman, Fisher & Co., Boston, at 14% . . . .	200,000 00
	300 bonds at par value . . . .	\$ 300,000 00

## PREMIUM ON BONDS.

Jan.	2—From E. & S. Heller, of San Fran'co, 11% on \$100,000 00	\$ 11,000 00
July	1—From Cushman, Fisher & Co. Boston, 14% on \$200,000 00	28,000 00 \$ 39,000 00

## ACCRUED INTEREST ON BONDS.

	From E. & S. Heller, of S.F.	
Jan.	2—1 days interest on \$100,000 00	13 70

## INCOME FROM WATER WORKS.

Cash from operating dept., 1st quarter	\$ 42,500 00
Cash from operating dept., 2d quarter	48,500 00
Cash from operating dept., 3d quarter	56,000 00
Cash from operating dept., 4th quarter	49,692 48 \$ 196,692 48
<i>Amount carried forward</i> . . . . .	\$ 535,706 18

Amount brought forward . . . . . \$ 535,706 18

SUNDRIES.

Cash from Wolff-Zwicker Iron Works, account steel plates . . . . .	\$ 1,262 68	
Cash from St. Vincent's Hospital, account distribution system . . . . .	414 00	\$ 1,676 68
<b>Total receipts . . . . .</b>		<b>\$ 537,382 86</b>

DISBURSEMENTS.

Reservoirs . . . . .	\$ 122,568 09	
Distribution system . . . . .	62,073 90	
Manufacturing and laying cast-iron conduit . . . . .	27,179 93	
Submerged pipes . . . . .	14,907 96	
Portland Heights supply . . . . .	22,748 58	
Manufacturing and laying steel-conduit . . . . .	2,245 36	
Rights of way, riparian rights and land . . . . .	613 00	
Head works . . . . .	253 00	
Steel plates . . . . .	16 00	
General expense . . . . .	6,262 90	
<b>Total on account of construction . . . . .</b>	<b>\$ 258,868 72</b>	
Interest on bonds, 5% on \$2,700,000 00		
1 year . . . . .	\$135,000 00	
Interest on bonds, 5% on \$ 200,000 00		
½ year . . . . .	5,000 00	\$ 140,000 00
<b>Total disbursements . . . . .</b>	<b>\$ 398,868 72</b>	
Refunded Treasurer Water Committee, amount overdraft, Dec. 31, 1894 . . . . .	41,564 51	<b>\$ 440,433 23</b>
<b>Balance in hands of treasurer, Dec. 31, 1895 . . . . .</b>		<b>\$ 96,949 63</b>

BOOKS OF THE SUB-COMMITTEE  
OPERATING THE CITY WATER WORKS.  
BALANCE SHEET, DECEMBER 31, 1895—BEFORE CLOSING.

Water rates . . . . .		\$ 210,509 20
Irrigation . . . . .		9,412 90
Elevators . . . . .		13,261 10
Building purposes . . . . .		1,860 10
Multnomah Driving Association . . . . .		43 90
Tapping mains . . . . .		551 75
Turning on water . . . . .		258 50
Rent of dwelling . . . . .		60 00
Municipal water rates . . . . .		32,535 20
Palatine pumping station . . . . .	\$ 3,288 95	
High-service pumping station . . . . .	447 46	
Pipe line operation . . . . .	3,758 77	
Reservoirs operation . . . . .	6,368 95	
Repairs to street mains . . . . .	5,429 72	
General expense . . . . .	11,405 28	
Office expense . . . . .	6,378 13	
Books and stationery . . . . .	489 71	
Office furniture . . . . .	598 24	
Meters . . . . .	4,298 68	
Loose property . . . . .	5,895 81	
Treasurer . . . . .	832,294 05	
City of Portland . . . . .	126,181 65	
Profit and loss . . . . .		738,342 75
	\$1,006,835 40	\$1,006,835 40

Balance sheet after closing, Dec. 31, 1895:

Loose property . . . . .	\$ 4,441 45	
Meters and indicators . . . . .	3,480 00	
Office furniture . . . . .	437 10	
Palatine pumping station . . . . .	1,023 00	
High service pumping station . . . . .	38 88	9,420 43
Treasurer . . . . .		692,307 75
City of Portland . . . . .		126,181 65
Profit and loss . . . . .		\$ 827,909 83
	\$ 827,909 83	\$ 827,909 83

SUMMARY OF THE CITY WATER WORKS,

OPERATING DEPARTMENT, YEAR 1895.

Property and fuel on hand Dec. 31, 1894 . . . . .	\$	9,094 73
Gross earnings for year 1895 . . . . .	\$	268,492 65
Deduct amt. due from city for year 1895 . . . . .		32,535 20
		<hr/>
Cash receipts for year 1895 . . . . .	\$	235,957 45
		<hr/>
	\$	245,052 18

Amounts turned over to Treasurer :

For paying interest on bonds . . . . .	\$	139,986 30
Net earnings for extending mains and construction . . . . .		56,706 18
		<hr/>
Total to Treasurer of Water Committee . . . . .	\$	196,692 48

DISBURSEMENTS.

Operating expenses and repairs for year 1895 . . . . .	\$	38,939 27
		<hr/>
Total disbursements by "Sub-Committee on Water Works" . . . . .	\$	235,631 75
		<hr/>
Valuation of property and fuel on hand December 31, 1895 . . . . .	\$	9,420 43



## BOOKS OF THE WATER COMMITTEE

—OF THE—

CITY OF PORTLAND, ORE.

BALANCE SHEET, DECEMBER 31, 1895.

Income from Water Works . . . . .		\$1,144,431 92
Bonds . . . . .		2,900,000 00
Premium on Bonds . . . . .		222,200 70
Interest on bonds . . . . .	\$ 452,124 17	
Water Works, purchased Dec. 31, 1886	\$464,551 81	
Deduct property sold . . . . .	2,875 48	
	-----	\$ 461,676 33
New Palatine pump . . . . .	\$ 74,097 72	
New high service pump . . . . .	22,097 49	
New Palatine force main . . . . .	159,726 31	
New pumping apparatus . . . . .	13,516 66	
Improvement real estate . . . . .	3,748 95	
	-----	\$ 273,187 13
Extending distribution system . . . . .		559,097 69

## BULL RUN GRAVITY SYSTEM.

Surveys and explorations . . . . .	\$ 9,688 40	
Land, rights of way, etc. . . . .	46,280 49	
Clearing and roads . . . . .	33,046 35	
Head works on Bull Run . . . . .	56,496 14	
Steel plates for conduit . . . . .	377,312 30	
Manufacturing and laying same . . . . .	517,222 02	
Bridges for conduit . . . . .	54,886 22	
Manuf'g and laying cast iron conduit	288,588 70	
Submerged pipes in Willamette . . . . .	78,798 48	
Reservoirs . . . . .	864,693 02	
Portland Heights supply . . . . .	30,097 67	
Telephone to head works . . . . .	7,261 51	
General expense . . . . .	\$45,382 08	
Legal expense . . . . .	8,825 91	
Office expense . . . . .	360 19	
Superintendence . . . . .	4,658 19	
	59,226 37	2,423,597 67
Treasurer, remaining proceeds of bonds sold . . . . .		96,949 63
		-----
		\$4,266,632 62
		-----
		\$4,266,632 62



## STATEMENTS.

Of all the Earnings, Receipts and Disbursements by the Water Committee of the City of Portland, Oregon, and the Sub-Committee on Water Works, operating the works, from November 25, 1885, when the Committee was appointed by Act of the Legislature, until December 31, 1895.

EARNINGS AND RECEIPTS	1886	1887	1888	1889	1890
Gross earnings of Water Works	\$ . . . . .	\$ 97,502 71	\$ 113,692 06	\$ 148,106 31	\$ 181,310 40
Deduct due from city for water for Fire Department, etc					
Cash Receipts of Water Works		97,502 71	113,692 06	148,106 31	181,310 40
Deduct operating exp'es and repairs		47,000 77	54,792 44	51,407 17	71,496 85
		50,501 94	58,899 62	96,699 14	109,813 55
Deduct increase of property in hands of operating department		3,277 31	3,170 03	322 98	8,515 49
Income from Water Works		47,224 63	55,729 59	96,376 16	101,298 06
Deduct interest on bonds		25,000 00	25,000 00	30,000 00	33,750 00
Net earnings used for extending mains and construction		22,224 63	30,729 59	66,376 16	67,548 06
Water bonds sold	600,000 00			100,000 00	100,000 00
Premium on bonds	39,300 00			5,908 20	9,750 00
Totals	\$ 539,300 00	\$ 22,224 63	\$ 30,729 59	\$ 172,284 36	\$ 177,298 06
DISBURSEMENTS.					
Water Works purchased Dec. 31, '86	\$ 464,551 81				
Additional pumps and mains from Palatine			12,279 06	42,026 85	192,322 78
	464,551 81		12,279 06	42,026 85	192,322 78
Deduct property sold			1,500 00	100 00	16 00
Net cost pumping system and 27 miles distributing mains	464,551 81		10,779 06	41,926 85	192,306 78
Extending mains of distribu'n system	560 00	33,839 71	14,273 49	114,068 46	7,856 54
BULL RUN GRAVITY SYSTEM					
Surveys and explorations	7,859 73			426 00	
Land, riparian rights and rights of way	936 85		23,336 01	337 00	
Clearing and roads	125 00	324 25			
Headworks on Bull Run river	7,180 10	2,499 89	1,500 00		
Steel plates for conduit headworks to Mt. Tabor 24 miles					
Manufacturing and laying ditto					
Bridges for conduit across Sandy and Bull Run rivers					
Manufg and laying cast iron conduit, Mt. Tabor to Park, 6 miles					
Submerged pipes across Will'te river					
Reservoirs Nos. 1 and 2 Mt. Tabor					
3 and 4 City Park				579 76	
Portland Heights' supply, water power pumps, etc					
Telephone line to headworks, 30 miles					
General expenses	4,223 36	16,832 43	2,136 29	1,700 45	1,085 92
Totals	\$ 485,427 85	\$ 53,596 28	\$ 52,024 85	\$ 159,098 52	\$ 201,259 24

- a After deducting \$300.00 received for property sold in 1892.  
 b After deducting \$125.00 received for property sold in 1893.  
 c After deducting from account "Steel Plates" \$1,262.68 for plates sold in 1895.  
 d Add for decrease in fuel, etc.  
 e Including \$200.00 due from City for water in Dec. and paid in following month.  
 f Including \$600.00 due from City and excluding \$189.65 paid by Gambrinus Brewery in advance for 1891.  
 g Excluding \$800.00 paid by the City, balance due for water to Dec. 31, 1890, and including \$189.65 received from Gambrinus Brewery as above.

WATER COMMITTEE'S REPORT.

1891	1892	1893	1894	1895	Totals	Totals	Gr'd Totals
\$238,217 95	\$ 261,330 30	\$ 249,228 82	\$ 234,066 45	\$ 268,492 65	\$1,791,947 65		
24,000 00	24,029 45	21,728 00	23,889 00	32,535 20	126,181 65		
214,217 95	237,300 85	227,500 82	210,177 45	235,957 45		\$1,665,766 00	
63,993 28	58,832 27	63,357 32	62,094 28	38,939 27		511,913 65	
150,224 67	178,468 58	164,143 50	148,083 17	197,018 18		1,153,852 35	
2,928 36	1,400 13	3,591 91	6,924 66	325 70		9,420 43	
147,296 31	177,068 45	167,738 41	153,007 83	196,692 48		1,144,431 92	
35,000 00	35,000 00	40,449 50	87,938 37	139,986 30		452,124 17	
112,296 31	142,068 45	127,288 91	67,069 46	56,706 18		692,307 75	
		450,000 00	1,450,000 00	300,000 00	2,900,000 00		
			135,742 50	39,000 00	222,200 70	3,122,200 70	
\$ 112,296 31	\$ 142,068 45	\$ 577,288 91	\$ 1,652,811 96	\$ 395,706 18			\$3,814,508 45
					464,551 81		
26,558 44					273,187 13		
26,558 44					737,738 94		
834 48	300 00	125 00			2,875 48		
25,723 96						734,863 46	
54,377 08	105,464 97	15,843 88	151,033 66	61,659 90		530,097 69	
630 70	272 57	508 40			9,688 40		
12,820 73	1,213 35	1,744 80	5,278 75	613 00	46,280 49		
41 60	16,574 09	15,649 71	331 70		33,046 35		
		36,406 98	8,656 17	253 00	56,496 14		
		169,883 29	208,675 69	16 00	377,312 30		
		218,528 79	206,447 87	2,245 36	517,222 02		
		10,551 36	41,334 86		54,886 22		
		357 35	261,051 42	27,179 93	288,588 70		
		6 03	63,884 47	14,907 96	78,798 48		
962 90	21,078 25	41,360 73	678,134 26	122,568 09	864,693 02		
			7,349 09	22,748 58	30,097 67		
		6,860 00	401 51		7,261 51		
5,076 07	853 65	10,187 64	10,797 66	6,262 90	39,226 37		
						\$2,423,597 67	
\$ 99,633 04	\$145,156 88	\$527,772 98	\$1,736,397 14	\$237,192 01		\$3,717,558 82	
Balance, proceeds of bonds sold, in the hands of Treasurer applicable to payment of contractors whose claims have been in part rejected and for work authorized						96,949 63	
Amounts invested are, \$734,868.46 for purchase of pumping system and additions; \$59,097.69 for extending distribution system, and \$2,520,547.30 for Bull Run gravity system, including \$96,949.63 on hand.						Total	\$3,814,508 45

\* After deducting \$7,500 being 2½ per cent. disc't on \$300,000 bonds sold in 1893.  
 † Without deducting \$7,500 being 2½ per cent. disc't on \$300,000 bonds sold in 1893.  
 ‡ After deducting from \$477,500 deposited with City Treasurer for paying interest on bonds sold, \$25,375.83 accrued interest received from purchasers.

Total amt. invested in plant to Dec. 31, 1894 . . . . .		\$3,460,366 78
Total amt. disbursements during 1895, as above . \$	398,868 72	
Less— Interest on bonds . . . . .	\$140,000 00	
“ Amt. rec'd from Wolff-Zwicker Iron Works, acct. steel plates . . . . .	1,262 68	
“ Amount rec'd from St. Vincent's Hospital, acct. distribution pipe . . . . .	414 00	141,676 68
		<u>\$ 257,192 04</u>
Balance, proceeds of bonds sold, in hands of the Treasurer of the Water Committee, appropri- ated for paying the unsettled claims of con- tractors, for completing reservoirs, etc. . . . .	96,949 63	\$ 354,141 67
Total amt. invested in plant to Dec. 31, 1895 . . . . .		<u>\$3,814,508 45</u>

## WATER BONDS SOLD TO DATE.

700 bonds (1 to 700) dated Jan. 1, 1887, maturing Jan. 1, 1917 . . . . .	\$ 700,000 00
2200 bonds, (1 to 2200) dated July 1, 1893, matur- ing July 1, 1923 . . . . .	2,200,000 00
Total water bonds of the city outstand'g, @ 5% int.	<u>\$2,900,000 00</u>

HENRY FAILING,  
*Chairman of the Water Committee.*  
*of the City of Portland, Ore.*

FRANK T. DODGE, *Clerk.*

PORTLAND, OREGON, December 31, 1895.

















