

MAYOR'S

Message  
and Municipal  
Reports

• CITY OF PORTLAND •



• 1892 •

CITY OF PORTLAND

OREGON

---

MAYOR'S MESSAGE

—AND—

MUNICIPAL REPORTS

—FOR THE—

FISCAL YEAR ENDING DECEMBER 31

1892

---

PORTLAND, OREGON  
SCHWAB BROS. PRINTING AND LITHO. CO.  
CITY PRINTERS  
1893



## INDEX

---

MAYOR'S MESSAGE .....	17—26
AUDITOR AND CLERK'S REPORT.....	27—58
TREASURER'S REPORT .....	59—129
STREET SUPERINTENDENT'S REPORT .....	131—152
CITY SURVEYOR'S REPORT .....	153—154
SURVEYOR'S REPORT (TABULAR STATEMENT) .....	I—L
POLICE JUDGE'S REPORT.....	157—158
POLICE COMMISSIONERS' REPORT.....	159—175
WATER COMMITTEE'S REPORT .....	177—202
CITY HALL COMMISSIONERS' REPORT .....	203—205
BRIDGE COMMISSIONERS' REPORT .....	207—208
INSPECTOR PLUMBING AND DRAINAGE REPORT .....	209—217
FIRE COMMISSIONERS' REPORT (appendix) ...	I—XII
CHIEF ENGINEER'S REPORT (appendix).....	XIII—CX
SUPT. F. A. TEL. REPORT (appendix).....	CXI—CXXII

CITY OFFICERS—1892.

---

Mayor.....*W. S. Mason*  
Treasurer.....*Frank Hacheny*  
Auditor and Clerk.....*W. T. Branch*  
Attorney.....*Wm. T. Muir*  
Deputy Attorney.....*J. V. Beach*  
“ “ ..... *Sanderson Reed*  
Assessor.....*D. S. Stearns*  
Superintendent of Streets.....*Douglas W. Taylor*  
Surveyor.....*T. M. Hurlburt*  
Police Judge .....*Charles H. Carey*  
Chief of Police .....*Chas. H. Hunt*  
Overseer Street Cleaning and Sprinkling...*C. Bomberger*  
Deputy Auditor and Clerk.....*S. Grutze*  
“ “ “ .....*Wm. H. Connor*  
Deputy Superintendent Streets..... *W. E. Mulhollan*  
“ “ “ .....*Wm. Braden*  
“ “ “ .....*M. J. McKinnon*  
“ “ “ .....*J. L. Sperry*  
“ “ “ .....*J. D. McKay*  
“ “ “ .....*A. E. Raleigh*  
“ “ “ .....*S. J. Scott*

Assistant Surveyor.....*J. W. Stengele*  
 " " .....*J. R. Hanson*  
 Inspector of Plumbing and Drainage...*W. H. Chambers*  
 Deputy Insp'r Plumbing and Dainage....*J. H. Morrow*  
 " " " " .....*G. M. Traynor*  
 Inspector of Milk and Food .....*Finlay McNeil*  
 Harbor Policeman.....*J. J. Byrne*  
 Poundmaster .....*G. W. Ross*  
 Park Keeper.....*C. M. Myers*

COMMON COUNCIL

---

President of the Council.....*C. M. Forbes*

FIRST WARD.

*G. Castendieck* *J. Monks*

SECOND WARD.

*H. J. McInnis* *C. M. Forbes*

THIRD WARD.

*W. A. Scoggin* *Wm. Fleidner*

FOURTH WARD.

*H. B. Nicholas* *D. Dalglish*

FIFTH WARD.

*P. Hobkirk* *E. Shelby*

SIXTH WARD.

*John Myers* *S. G. Richardson*

SEVENTH WARD.

*W. H. Merrick* *S. R. Mason*

EIGHTH WARD.

*L. M. Davis* *J. Parker*

## STANDING COMMITTEES

—OF THE—

### COMMON COUNCIL OF THE CITY OF PORTLAND.

#### WAYS AND MEANS.

H. B. NICHOLAS. J. MYERS. W. FLEIDNER

#### ACCOUNTS AND CURRENT EXPENSES.

W. H. MERRICK. E. SHELBY. J. PARKER

#### STREET CLEANING AND SPRINKLING.

E. SHELBY. S. G. RICHARDSON. P. HOBKIRK  
S. R. MASON. J. MONKS.

#### STREETS.

J. MYERS. W. H. MERRICK. W. A. SCOGGIN  
L. M. DAVIS. D. DALGLEISH. G. CASTENDIECK  
E. SHELBY.

#### SEWERS AND DRAINAGE.

P. HOBKIRK. W. FLEIDNER. D. DALGLEISH  
H. J. McINNIS. E. SHELBY. J. PARKER.  
S. G. RICHARDSON.

#### PARKS AND PUBLIC PROPERTY.

C. M. FORBES. W. A. SCOGGIN. G. CASTENDIECK.  
J. MONKS. L. M. DAVIS, S. R. MASON.  
S. G. RICHARDSON.

#### HEALTH AND POLICE.

W. A. SCOGGIN. W. FLEIDNER. H. J. McINNIS

#### JUDICIARY AND ELECTIONS.

H. B. NICHOLAS. W. H. MERRICK. W. FLEIDNER  
C. M. FORBES. L. M. DAVIS.

#### COMMERCE, LANDINGS AND WHARVES.

W. FLEIDNER. C. M. FORBES. J. MONKS

#### BRIDGES.

W. H. MERRICK. J. MYERS. H. B. NICHOLAS  
W. A. SCOGGIN. P. HOBKIRK.

#### LIGHT AND WATER.

J. MYERS. W. H. MERRICK. S. R. MASON  
D. DALGLEISH. H. J. McINNIS.

#### LICENSES.

H. B. NICHOLAS. J. MYERS. G. CASTENDIECK  
C. M. FORBES. J. PARKER.

## HEALTH DEPARTMENT.

---

Board of Health { ..... *W. S. Mason*, Mayor  
                          { ..... *Chas. H. Hunt*, Chief of Police  
                          { ..... *W. A. Scoggin*, Councilman

---

## POLICE DEPARTMENT.

---

Board of Police Commissioners { ..... *B. P. Cardwell*  
  { ..... *D. Solis Cohen*  
  { ..... *Frank L. Logan*  
President..... *B. P. Cardwell*  
Clerk..... *Silvy Stewart*  
Police Judge..... *C. H. Carey*  
Chief of Police..... *Chas. H. Hunt*  
Capt's } *Chas. Gritzmacher, R. H. Cardwell, A. M.*  
of } *Cox, B. L. Norden, A. Holmberg, F. Buchtel.*  
Police }  
Clerk of Police Department..... *H. L. Murton*

## PORTLAND PAID FIRE DEPARTMENT.

---

Board of Fire Commissioners { ..... *J. H. Steffan*  
  { ..... *T. B. Trevett*  
  { ..... *Theo. Wygant*  
President..... *J. H. Steffan*  
Secretary ..... *C. A. Freeman*  
Chief Engineer..... *Robert Holman*  
First Assistant (Acting)..... *Dave Campbell*  
Second Assistant..... *W. H. H. Cummings*  
Third Assistant..... *T. DeBoest*  
Superintendent Fire Alarm..... *A. J. Coffee*

# THE WATER COMMITTEE

—OF THE—

CITY OF PORTLAND.

—  
JANUARY 1, 1893.  
—

H. W. CORBETT. C. H. HILL. C. H. RAFFETY.  
FRANK DEKUM. A. H. JOHNSON. S. G. REED.  
C. A. DOLPH. R. B. KNAPP. T. M. RICHARDSON  
HENRY FAILING, W. S. LADD. W. K. SMITH.  
L. FLEISCHNER. C. H. LEWIS. L. THERKELSEN.  
GEO. P. FRANK. J. LOEWENBERG.

—  
HENRY FAILING, *Chairman.*

C. H. LEWIS, *Treasurer.*

FRANK T. DODGE, *Clerk.*

—  
SUB-COMMITTEE ON WATER WORKS.

HENRY FAILING, *Chairman.*

L. FLEISCHNER.

T. M. RICHARDSON

—  
ISAAC W. SMITH, *Superintendent.*

FRANK T. DODGE, *Accountant.*



## MAYOR'S MESSAGE.

---

MAYOR'S OFFICE, }  
PORTLAND, OREGON, January 2, 1893. }

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

GENTLEMEN:—The year 1892 has gone from us, freighted with the scenes, incidents and events of a twelve-month. It might be well for us to take a brief review of the past year, and all that has been accomplished by this City Council. If we have, in our legislative capacity, committed errors, let us by the light of past experience remedy those errors in the future, and make every effort to build up for our city a name and reputation that we, each and all, can feel proud of, and place the municipal government of Portland on a pedestal of excellence that will gain it the admiration, not only of our own citizens, but of all who may become acquainted with its administration of laws and ordinances.

We sincerely trust that the Garbage question may be settled to your own satisfaction; that other evils that have existed in the past may no more prove a cause of reproach to our city.

That gambling houses that at one time ran with open doors, alluring to their tables the young men and boys, many of whom would there take their first step in crime, may be suppressed and never more be permitted to exert their corrupt influence.

That the social evil existing in the locality known as White Chapel, may be transformed into an orderly and exemplary district; the shouts and ribald language be no more heard, and the poor unfortunates that render that district a blot on the fair fame and name of our city, be induced to lead reputable lives.

#### IN MEMORIAM.

In the past year the reaper death has visited our city government—has claimed for his own the lamented James Flower, our worthy and respected City Assessor, stricken in the prime of life, taken from his family and duties. The widow and orphan children mourn the husband and father who will return no more to comfort and caress.

Our faithful friend and brother in the Council, Hans Hansen, while yet in the ripeness of judgment and well fitted for a counsellor, fell before the scythe of death that spares neither the aged nor the young. His family and friends can well feel proud of the record that can be inscribed upon the tablet which will mark his resting place: "Here lies an honest man."

It might be of interest to know some of the items of expense entering into a grand total of cost of running a city government. The items are taken from the report of the Auditor:

Salaries of Auditor's dept. ....	\$ 10,269.15
" Supt. of Sts. dept. ....	13,162.23
" Surveyor's " ....	28,692.05
" Assessor's " ....	5,460.47
" Treasurer's " ....	3,020.64
" City Attorney's dept \$ 5,200.00	
Litigation .....	1,362.72 6,562.77
" Police Judge and Clerk.....	3,000.00
" Park Keeper .....	\$ 1,200.00
Care of Park and Public Grounds	16,893.64 18,093.64
Expense of Fire Department.....	141,915.35
" Police Department.....	107,827.56
" Street Cleaning Department....	50,734.43
" Street Lighting.....	68,457.53
The above sum does not include the lighting of East Portland.	
Interest paid on bonded indebtedness.....	30,132.25

#### *Receipts and Expenditures for the Year:*

Balance in treasury Dec. 31, 1891 .....	95,065.07
Receipts from all sources .....	1,095,302.18
	<u>\$1,190,367.25</u>
Expenditures on all accounts.....	1,024,033.14
Balance in treasury in all different funds..\$	166,334.10

## STREET PAVING.

The subject of street paving is one of the serious topics that you have to grapple with. We do not seem up to this time in the history of our city to have adopted a pavement of our streets that possesses the requisites that are desirable for permanent adoption for paving material. The Belgian block pavement, when properly put down, seems to be the only material we have that will stand the wear and tear of heavy teaming; but the roughness of the surface makes it so very noisy when vehicles are passing over it as to render it undesirable. Vitrified brick is advocated as a durable and comparative noiseless pavement. I think it would be well for your Honorable Body to permit the laying of an intersection on some of our principal streets for the purpose of testing its availability for a street paving material.

Bituminous rock as a paving material, owing to a combination of circumstances, as alleged by the parties laying it, has not proved the success hoped for by the contractors, who regret more keenly than any one else its failure, which is attributed to an inferior and adulterated article which was sent them, when they paid for the best.

Trinidad Asphaltum will be given a test as soon as the weather will permit the work being done. We have good words of recommendation of this pavement, and trust it will be as perfect and durable as is claimed for it.

The bonding system of street improvement is strongly urged, and I am convinced its adoption would be a means of giving our city beautiful streets that our citizens would feel proud of. The burden on the tax-payers for the paving of the streets would not be so great, being divided in say ten annual payments as it would if the cost of the entire improvement had to be paid at once when the improvement was made. We trust a bill may be introduced and passed by the legislature at its present session permitting our property owners to make the needed improvements, and that the odium of having the dirtiest city on the coast may be removed.

With properly paved streets, our Street Cleaning Department could make a satisfactory record for the cost of supporting the Department, which at present is utterly impossible for them to do. The mud that is scraped off and hauled away from the macadamized streets but incurs the expenses of a new improvement of the crushed rock which in a short time is again represented by mud. Our properly paved streets are so few and intersecting streets not being paved, the mud from those not paved is hauled up and distributed on the paved streets by the wheels of vehicles, rendering the task of keeping the paved streets clean an almost hopeless one.

## SEWERS.

In the last year greater progress has been made in providing our city with a system of sewerage, under the intelligent direction of our able Street Superintendent.

ent and City Surveyor, than ever in the history of our city. In the year 1892 there has been built 96,695 feet, or 16 53-100 miles, at a cost of \$324,511.86, as against 6 66-100 miles in 1891, at a cost of \$98,117.00, giving our city now a total length of 62 miles of sewers.

#### STREETS IMPROVED.

In the year 1892 we have improved 40 7-10 miles of streets. In 1891 there were improved 25 8-10 miles, an increase of 15 miles over 1891.

#### BUILDING PERMITS.

During the year 1,078 building permits were issued. Cost of buildings \$3,295,000.00.

#### LIGHTS OF THE CITY.

The City of Portland has, at the close of 1892 :  
 460 Arc Lights.....of 2,000 candle power each  
 756 Incaudescant Lights.....of 25 candle power each

#### PLUMBING INSPECTOR.

The Plumbing Inspector's report shows a satisfactory condition of affairs in his department for the past year. He finds but little difficulty in inducing property owners to remodel their plumbing so as to comply with the ordinance. He reports a total number of sewers and cesspool connections, 1268. His work in connection with the City Physician in forcing the owners of buildings to make connection with the sewers, has been very satisfactory, but few have exhibited a disposition to dis-

obey the orders, as is proven by the fact that but six warrants have been sworn out for the violation of ordinance.

We presume the Police and Fire departments are progressing satisfactorily, but having no reports from these departments, am not able to go into detail.

#### GARBAGE.

The proper disposition of the garbage of the city is a serious question, to which your Honorable Body will have to give some thought and attempt to solve the problem. Our present facilities for disposing of it, and the unsatisfactory manner in which the service is performed, is an incentive to you to study out new methods for disposing of the same. Cremation seems to be the only method. I would suggest that you would instruct the proper committee to correspond with some of the cities of the older states, and thus get information that would be of benefit to our citizens in this emergency.

#### SANITATION.

In view of the fact that Cholera was prevented from finding a lodgement in this country through the port of New York last summer, only by the most rigid quarantine that any port of our country has ever known (all honor to the care and devotion of the physicians in charge for their untiring efforts), much apprehension is felt that it may visit us during the coming year. Our efforts in cleaning our city and adopting every precau-

tion to prevent the scourge from finding a lodgement in Portland should not relax. During the last summer our City Physician and his corps of assistants did splendid work, and, having the co-operation of the Plumbing Inspector, remedied many evils that, uncorrected, would have left our city in a condition that it would have easily become, through improper sewer connection and filthy condition of the surroundings in many localities, an easy prey to the fell destroyer—Cholera.

#### PUBLIC LIBRARY.

An effort is being made and we trust will be successful, to get up a public library in our city, free to all who desire to go there and store their minds with the knowledge and experience of the bright, intelligent and deeply learned men who have recorded their thoughts, and in the imperishable form of books. It is conceded as we educate and train the minds of the rising generation we improve the condition of society, morally and intellectually. The establishing of places of resort where the young men of our city can go and spend an evening in the company of the brightest, cultivated minds of the present and past ages, will go far to redeem our city from the blight of the disreputable institutions that at present exist in our midst. As intelligence and education (which should ever be encouraged) makes progress, the vices of gambling and other vile and vicious habits will decrease and if not eventually die for want of support, will be reduced to a minimum in our city. I would suggest that our City Council contribute a liberal donation, payable monthly, for the support of the pub-

lic Free Library. It will certainly be an investment that will reflect honor on the Council and, I trust, be amply repaid in affording the means to thousands of our young people for self education, whose limited means would otherwise prevent them from gaining the knowledge and drinking at the fountains of wisdom that they would there enjoy.

#### CITY AND COUNTY HOSPITAL.

County Judge Moreland called to see me a few days since and suggested that the city join the county in the erection of a hospital for the care of the sick and maimed, whose impecunious condition renders them unable to get the necessary care and attention; which cases now have to be sent to our hospitals operated by the different religious bodies, and the bills for attendance and nursing are paid by the city and county. The location would be on the county poor farm; the cost of the erection and furnishing of the building would be probably ten to twelve thousand dollars, and would be in charge of the city and county physicians. As an economical investment the city and county would be the gainers, and from a humanitarian stand point we would but carry out the grand principles of benevolence and mercy for which our City of Portland is noted, and which should ever be encouraged.

In July last a committee was appointed to revise the charter of our city, to go before the legislature of our State at the session commencing next Monday, for their approval. If the committee has accomplished its work,

I think it would be well to submit the amendments to this council before presenting the same to the legislature for their action. Some of the members of the council have been a number of years members of the city legislative body. Their experience might be of much value in making suggestions, that might prove of much benefit to the city and that might possibly be overlooked by the committee, who are all business men and whose minds are absorbed in looking, much of the time, after their own affairs.

I would venture a suggestion to the council, that you advertise shortly for bids to light the City of Portland. Our contract for lighting this side of the river expires in April. Bids can be asked for lighting the whole city. Should the bids be less than the plant belonging to the city on the east side can be run for, we can dispose of the plant that the city owns, and thus relieve the committee of the council who have labored so long and given so much of their valuable time, from their onerous duties, in this line. The water plant can then be turned over to the water committee of the city who refuse to receive it so long as the water and electric light plants are connected.

Respectfully submitted,

W. S. MASON,  
*Mayor.*

ANNUAL REPORT  
—OF THE—  
AUDITOR AND CLERK  
—OF THE—  
CITY OF PORTLAND  
FOR THE YEAR ENDING DECEMBER 31ST, 1892.

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

GENTLEMEN—I herewith submit to you my annual report for the year ending December 31, 1892.

GENERAL FUND.

Balance in Fund Dec. 31, 1891 . . . . . \$ 12,442 37½  
Received from—

Tax roll 1892 . . . . .	\$125,351 55	
“ 1892 dlqt. col. by Chief Police.	4,597 22	
“ 1892 “ Treasurer . .	1,527 04	131,475.81
“ 1891 “ “ . .	933 60	
“ 1890 “ “ . .	283 67	
“ 1889 “ “ . .	230 05½	
“ 1888 “ “ . .	50 23	
“ 1887 “ “ . .	79 68	
“ 1886 “ “ . .	122 12	
“ 1885 “ “ . .	64 92	
“ 1884 “ “ . .	94 34	

*Amounts carried forward . . . . . \$133,334 42½ \$12,442 37½*

Amounts brought forward . . . \$133,334 42½ \$12,442 37½

Received from--

Tax roll 1883	"	"	76	20
" 1882	"	"	22	00
" 1881	"	"	5	39
" 1879	"	"	4	65
" 1878	"	"	1	02
" 1877	"	"	28	17
" 1876	"	"		90
" 1871	"	"		72

Received from--

Costs col. dlqt. taxes, 1892		576	49
Business licenses	191,134	07	
Police Judge, fines and costs, city and state cases	13,854	00	
Dog licenses	2,585	50	
Poundmaster, pound fees	1,657	00	
Chief of Police, costs delinquent street and sewer assessments	1,704	11	
Sale of codified ordinances	37	50	
Mt. Tabor St. Ry. Co., rent of Madison St. bridge	300	00	
Rent steamer Louisa Vaughn	205	00	
D. S. Hutchins, burying horse	3	00	
Sale of two horses	20	00	
Sale of book	3	00	
A. Stoldt, balance due on street assessments	156	39	
G. T. Donner, redemption of land	7	53	

By transfers from--

Sundry street and sewer funds	3,519	05½
Sundry street extension funds	830	00
Interest fund, temporary loan	10,000	00
	<u>\$360,066</u>	<u>12</u>
		<u>\$372,508 49½</u>

Contra.

Transferred to--

Lamp fund	\$ 67,500	00
Street cleaning and sprinkling fund	50,000	00
Police fund	5,806	76
Light fund	500	00
Willamette river fund	100	00
East Portland interest fund	300	00
Albina interest fund	300	00
East Portland water fund	40,000	00
Sellwood street sewer fund	53	20
Clay street sewer fund	20	82
Sundry street improvement funds	1,990	46
Sundry street extension funds	1,159	30
Fire Department fund	11,400	00
Bonds redeemed	5,000	00
War's paid and returned to Dec. 31, '92.	169,277	73
	<u>\$353,408</u>	<u>27</u>
Balance in fund Dec. 31st 1892		19,100 22½
		<u>\$372,508 49½</u>

AUDITED CLAIMS PAID BY WARRANTS.

Salaries.

Mayor and Members Common Council	\$ 17,459	35
Auditor and Clerk	2,400	00
City Attorney	2,500	00
Superintendent of Streets	2,400	00
City Surveyor	2,400	00
City Assessor	3,588	32
City Treasurer	2,500	00
Police Judge	2,400	00

Poundmaster . . . . .	1,080 00
Inspector of Plumbing and Drainage . . . . .	1,250 00
Park Keeper . . . . .	1,200 00
Street Repairer . . . . .	924 00
Harbor Police . . . . .	1,200 00
Deputies, Superintendent of Streets . . . . .	10,762 23
Deputies, City Attorney . . . . .	2,700 00
Deputies, Insp'r Plumb'g and Drainage. . . . .	675 00
Deputies, Poundmaster . . . . .	900 00
Clerk hire Auditor and Clerk's office . . . . .	7,869 15
Clerk hire, Assessor's office . . . . .	1,872 15
Clerk hire, Police Judge . . . . .	600 00
Clerk hire, City Treasurer's office . . . . .	520 64
Assistants, City Surveyor . . . . .	11,261 95
City Surveyor's Assistants . . . . .	15,031 10

*Streets and Public Property.*

Improvement of streets in front of public property . . . . .	\$ 6,358 06
Repairs to streets and bridges . . . . .	5,445 05
Sewers and nuisances . . . . .	7,251 92
Care of parks and public grounds . . . . .	16,893 64
Street signs . . . . .	709 00

*Council Room and Offices.*

Rent of Council room and offices, fuel, etc. . . . .	\$ 5,615 51
Stationery and blanks . . . . .	2,584 84

*Miscellaneous.*

Advertising . . . . .	\$ 4,876 18
Miscellaneous expenses . . . . .	2,269 80
Crematory . . . . .	3,279 33
Working prisoners . . . . .	900 00
Relief of certain persons . . . . .	5,157 36
Contagious and infectious diseases . . . . .	1,601 44 ✓
Expense, Madison street bridge . . . . .	1,646 85
Litigation . . . . .	1,362 77
Steam road roller . . . . .	2,500 00
Construction blue print room . . . . .	268 93
Construction of Fountain . . . . .	200 00
Pay of viewers and assessors . . . . .	5,998 00
Poundmaster's wagon . . . . .	140 00
Street Repairer's wagon . . . . .	244 50
Compiling, printing and codifying ordinances . . . . .	4,704 50
Printing Mayor's message . . . . .	396 00
Elections . . . . .	1,961 89
Interest, Tanner Creek sewer . . . . .	567 00
Redemption of land . . . . .	8 48
Total warrants drawn in 1892 . . . . .	\$176,434 94
Warrants outstanding, Dec. 31, 1891 . . . . .	8,216 81
	<hr/>
	\$184,651 75

## Warrants paid and returned to Dec.

31, 1892 . . . . .	169,277 73
Warrants outstanding Dec. 31, 1892 . . . . .	15,328 24
Warrants cancelled . . . . .	45 78
	<hr/>
	\$184,651 75



## FIRE DEPARTMENT FUND.

Balance in fund Dec. 31, 1891 . . . \$	5,144 63
Received from—	
Tax roll, 1892 . . . . .	125,351 55
Tax roll, 1892, delinquent . . .	4,597 21 <i>129948 76</i>
Sale of exempt certificates . . .	28 00
S. P. R. R. Co. damage to hose . .	57 50
Sale of 1332 lb. scrap iron . . .	9 25
Sale of hose coupling . . . . .	12 00
Amt. refunded on overpaid bill . .	9 50
Transfers from general fund . . .	11,400 00
	<u>\$141,465 01</u>
	\$146,609 64

*Contra.*

War's paid and ret'd to Dec. 31, '92 .	\$133,160 36
Balance in fund Dec. 31, 1892 . . .	13,449 28
	<u>\$146,609 64</u>

*Warrants Drawn.*

General expenses fire department . .	141,915 35
Warrants outstanding Dec. 31, 1891 .	1,828 22
	<u>\$143,743 57</u>
War's paid and ret'd to Dec. 31, '92 .	\$133,160 36
Warrants outstanding Dec. 31, 1892 .	10,571 66
Warrants cancelled . . . . .	11 55
	<u>\$143,743 57</u>

## POLICE DEPARTMENT FUND.

Balance in fund Dec. 31, 1891 . . . \$	6,042 43
Received from—	
Tax roll, 1892 . . . . .	104,459 63
Tax roll, 1892, delinquent . . .	3,831 01
Sale of Lumber . . . . .	1 00 <i>108,290.64</i>
Transfers from general fund . . .	5,806 76
	<u>\$114,098 40</u>
	\$120,140 83

*Contra.*

War's paid and ret'd to Dec. 31, '92 .	\$107,703 11
Balance in fund Dec. 31, 1892 . . .	12,437 72
	<u>\$120,140 83</u>

*Warrants Drawn.*

Pay of police . . . . .	\$ 91,858 59
Feeding prisoners . . . . .	2,455 16
Expense, police building . . . . .	9,283 76
Indigent sick . . . . .	584 70
Medical attendance . . . . .	92 50
Contingent expenses . . . . .	191 10
Patrol wagon . . . . .	1,304 10
Call boxes . . . . .	1,786 28
	<u>\$107,556 19</u>
Total warrants drawn in 1892 . . .	
Warrants outstanding Dec. 31, 1891	271 37
	<u>\$107,827 56</u>

War's paid and ret'd to Dec. 31, '92 .	\$107,703 11
Warrants outstanding Dec. 31, 1892	68 90
Warrants cancelled . . . . .	55 55
	<u>\$107,827 56</u>

## STREET CLEANING AND SPRINKLING FUND.

Balance in fund Dec. 31, 1891 . . .	\$ 1,984 00
Received by transfer from gen'l fund	50,000 00
	<u>\$ 51,984 00</u>

*Contra.*

*War's paid and ret'd to Dec. 31, '92 .	\$ 47,305 77
Balance in fund Dec. 31, 1892! . . .	4,678 23
	<u>\$ 51,984 00</u>

\*\$1868.04 of the above expenditures was for feeding impounded stock and horses not belonging to the street cleaning and sprinkling department.

*Warrants Drawn.*

General expenses of Department . . .	\$ 49,065 48	
Warrants outstanding Dec. 31, 1891 . . .	1,668 85	\$ 50,734 33

War's paid and ret'd to Dec. 31, '92 . . .	\$ 47,305 77	
Warrants outstanding Dec. 31, 1892 . . .	3,428 56	\$ 50,734 33

## EAST PORTLAND WATER FUND.

Balance in fund Dec, 31, 1892 . . .	\$ 10,413 61	
Received by transfer from gen'l fund	40,000 00	
		\$ 50,413 61

*Contra.*

War's paid and ret'd to Dec. 31, '92 . . .	\$ 23,413 66	
Balance in fund Dec. 31, 1892 . . .	26,999 95	\$ 50,413 61

*Warrants Drawn.*

Construction of East Portland Water Works . . . . .	\$ 21,750 33	
Warrants outstanding Dec. 31, 1891 . . .	1,689 75	\$ 23,440 08

War's paid and ret'd to Dec. 31, '92 . . .	\$ 23,413 66	
Warrants outstanding Dec. 31, '92 . . .	26 42	\$ 23,440 08

## LIGHT FUND.

Balance in fund Dec. 31, 1891 . . .	\$ 17 25	
Received by transfer from gen'l fund	500 00	
		\$ 517 25

*Contra.*

War's paid and ret'd to Dec. 31, '92 . . .	\$ 517 25
--	-----------

*Warrants Drawn.*

Construction of E. P. E. L. and power house . . . . .	\$ 500 00	
Warrants outstanding Dec. 31, 1891 . . .	17 25	\$ 517 25

War's paid and ret'd to Dec. 31, '92 . . .	\$ 517 25
--	-----------

## EAST SIDE WATER EXPENSE FUND.

Balance in fund Dec. 31, 1891 . . .	\$ 60 13	
Received from water rates . . . . .	15,834 48	
		\$ 15,894 61

*Contra.*

War's paid and ret'd to Dec. 31, '92 . . .	\$ 11,447 57	
Balance in fund Dec. 31, '92 . . . . .	4,447 04	\$ 15,894 61

*Warrants Drawn.*

General expenses of East Portland water works . . . . .	\$ 11,406 28	
Warrants outstanding Dec. 31, '91 . . .	117 59	\$ 11,523 87

War's paid and ret'd to Dec. 31, '92 . . .	\$ 11,447 57	
War's outstanding Dec. 31, '92 . . . . .	76 30	\$ 11,523 87

## WILLAMETTE RIVER FUND.

Balance in fund Dec. 31, 1891 . . .	\$	73	81
Received by transfer from gen'l fund		100	00
	\$	173	81

*Contra.*

War's paid and ret'd to Dec. 31, '92 . \$	89	70
Balance in fund, Dec. 31, '92 . . .	84	11
	\$	173

*Warrants Drawn.*

General expenses city dredger . . . \$	82	50
Warrants outstanding, Dec. 31, '91 . .	11	95
	\$	94
War's paid and ret'd to Dec. 31, '92 . \$	89	70
War's outstanding Dec. 31, '92 . . .	4	75
	\$	94

## LAMP FUND.

Balance in fund Dec. 31, 1891 . . . \$	1,064	45
Rec'd from City & Sub'ban St. Ry. Co.	30	95
Rec'd by transfer from general fund .	67,500	00
	\$	68,595

*Contra.*

War's paid and ret'd to Dec. 31, '92 . \$	68,280	00
Balance in fund Dec. 31, '92 . . . .	315	40
	\$	68,595

*Warrants Drawn.*

Lighting City of Portland . . . . \$	67,663	57
Warrants outstanding Dec. 31, '91 . .	793	96
	\$	68,457
War's paid and ret'd to Dec. 31, '92 . \$	68,280	00
War's outstanding Dec. 31, '92 . . . .	177	53
	\$	68,457

## INTEREST FUND—BONDED INDEBTEDNESS.

Received from tax roll 1892 . . . . \$	62,675	77
Received from tax roll 1892, dlqt . . .	2,298	61
	\$	64,974

*Contra.*

Coupons paid and ret'd to Dec. 31, 1892, as follows—		
Int. b'ded indeb'dness Portland . \$	10,140	00
“ “ E. Portland . . . .	11,520	00
“ “ Albina . . . .	8,430	00
War's paid and ret'd (N. Y. Exchange)	42	25
Transferred to gen'l fund (tem. loan)	10,000	00
Balance in fund Dec. 31, 1892 . . . .	24,842	13
	\$	64,974

## INTEREST FUND—WATER BONDS.

Balance in fund Dec. 31, 1891 . . . . \$	17,525	00
Received from Water Committee . . .	35,000	00
	\$	52,525

*Contra.*

Coupons paid and ret'd to Dec. 31, '92 . \$	34,950	00
Balance in fund Dec. 31, '92 . . . .	17,575	00
	\$	52,525

## INTEREST FUND—CITY HALL BONDS.

Balance in fund, Dec. 31, '91 . . . .	\$	4,375
---------------------------------------	----	-------

*Contra.*

Coupons ret'd paid to Dec. 31, '92 . .	\$	4,375
--	----	-------

## INTEREST FUND—BONDED INDEBTEDNESS, ALBINA.

Balance in fund Dec. 31, '91 . . . . .	\$	540 00	
Rec'd by transfer from gen'l fund . . . . .		300 00	\$ 840 00

*Contra.*

Coupons ret'd paid to Dec. 31, '91 . . . . .	\$	840 00	
--	----	--------	--

## INTEREST FUND—BONDED INDEBTEDNESS, EAST PORTLAND.

Balance in fund, Dec. 31, '91 . . . . .	\$	840 00	
Rec'd by transfer from gen'l fund . . . . .		300 00	\$ 1,140 00

*Contra.*

Coupons paid and ret'd to Dec. 31, '92 . . . . .	\$	1,140 00	
--	----	----------	--

## FIRE BADGE REDEMPTION FUND.

Balance in fund Dec. 31, '91 . . . . .	\$	94 00	
--	----	-------	--

*Contra.*

Fire badges redeemed . . . . .	\$	16 00	
Balance in fund Dec. 31, '92 . . . . .		78 00	\$ 94 00

## BOULEVARD FUND.

Balance in fund Dec. 31, '91 . . . . .	\$	6,740 14	
--	----	----------	--

*Contra.*

War's paid and ret'd to Dec. 31, '92 . . . . .	\$	2,126 12	
Balance in fund Dec. 31, '92 . . . . .		4,614 02	\$ 6,740 14

*Warrants Drawn.*

Construction of boulevard . . . . .	\$	2,126 12	
War's paid and ret'd to Dec. 31, '92 . . . . .		2,126 12	\$ 4,252 24

## STREET IMPROVEMENT FUNDS.

Total balances in funds Dec. 31, '91 . . . . .	\$	15,774 31 <sup>1</sup> / <sub>2</sub>	
Received from collections . . . . .	\$	234,940 31	
Received by transfers from gen'l fund . . . . .		1,990 46	\$ 236,930 77
			\$ 252,705 08 <sup>1</sup> / <sub>2</sub>

*Contra.*

Total expenditure . . . . .	\$	223,665 97	
Transferred to general fund . . . . .		893 17 <sup>1</sup> / <sub>2</sub>	
Total balances in funds Dec. 31, '92 . . . . .		28,145 94	\$ 252,705 08 <sup>1</sup> / <sub>2</sub>

## SEWER FUND.

Total balances in funds Dec. 31, '91 . . . . .	\$	4,029 39	
Received from collections . . . . .	\$	127,727 11	
Received by transfer from gen'l fund . . . . .		74 02	\$ 127,801 13
			\$ 131,830 52

*Contra.*

Total expenditures . . . . .	\$	126,524 94	
Transferred to general fund . . . . .		2,625 88	
Total balances in funds Dec. 31, '92 . . . . .		2,679 70	\$ 131,830 52

## STREET EXTENSION FUNDS.

Total balances in funds Dec. 31, '91 . . . . .	\$	6,965 53 <sup>1</sup> / <sub>2</sub>	
Received from collections . . . . .	\$	31,244 41	
Received by transfers from gen'l fund . . . . .		1,159 30	\$ 32,403 71
			\$ 39,369 24 <sup>1</sup> / <sub>2</sub>

*Contra.*

Total expenditures . . . . .	\$ 33,142 46 <sup>1</sup> / <sub>2</sub>	
Transferred to general fund . . . . .	830 00	
Total balances in funds Dec. 31, '92 . . . . .	5,396 78	\$ 39,369 24 <sup>1</sup> / <sub>2</sub>

## STREET AND SEWER INTEREST FUND.

Balance in fund Dec. 31, '91 . . . . .	\$ 939 00	
Received from collections . . . . .	1,476 83	\$ 2,415 83

*Contra.*

War's paid and ret'd to Dec. 31, '92. \$	925 25	
Balance in fund Dec. 31, '92 . . . . .	1,490 58	\$ 2,415 83

## SUMMARY OF BALANCES IN TREASURY, DECEMBER 31, 1892.

General fund . . . . .	\$ 19,100 22 <sup>1</sup> / <sub>2</sub>	
Fire Department fund . . . . .	13,449 28	
Police Department fund . . . . .	12,437 72	
Street cleaning and sprinkling fund . . . . .	4,678 23	
East Portland water fund . . . . .	26,999 95	
East Side water expense fund . . . . .	4,447 04	
Willamette river fund . . . . .	84 11	
Lamp fund . . . . .	315 40	
Interest fund, bonded indebtedness . . . . .	24,842 13	
Interest fund, water bonds . . . . .	17,575 00	
Fire badge redemption fund . . . . .	78 00	
Boulevard fund . . . . .	4,614 02	
Street improvement funds . . . . .	28,145 94	
Sewer funds . . . . .	2,679 70	
Street extension funds . . . . .	5,396 78	
Street and sewer interest fund . . . . .	1,490 58	\$ 166,334 10 <sup>1</sup> / <sub>2</sub>

## STATEMENT OF RECEIPTS AND EXPENDITURES.

*Receipts.*

Total bal. in Treas. Dec. 31, '91 . \$	95,065 06 <sup>1</sup> / <sub>2</sub>	
Total receipts . . . . .	1,095,302 18 <sup>1</sup> / <sub>2</sub>	\$ 1,190,367 24 <sup>5</sup> / <sub>8</sub>

*Contra.*

Total expenditures . . . . .	\$ 1,024,033 14 <sup>1</sup> / <sub>8</sub>	
Total bal. in Treas. Dec. 31, '92 .	166,334 10 <sup>1</sup> / <sub>2</sub>	\$ 1,190,367 24 <sup>5</sup> / <sub>8</sub>

## SUMMARY OF BONDED INDEBTEDNESS—PORTLAND.

Bonds due June 1, 1893, held by First National Bank . . . . .	\$ 20,000 00	
Bonds due June 1, 1893, held by I. Steinhart, S. F . . . . .	23,500 00	
Bonds due May 1, 1901 . . . . .	56,500 00	
Bonds due January 1, 1920, held by D. F. Sherman . . . . .	175,000 00	
Bonds due (water bonds) . . . . .	700,000 00	
		\$ 975,000 00

## EAST PORTLAND.

Bonds due—		
January 1, 1894 . . . . .	\$ 10,000 00	
September 1, 1894 . . . . .	10,000 00	
May 1, 1921 . . . . .	250,000 00	
May 1, 1921 . . . . .	50,000 00	
		\$ 320,000 00

275,000.  
3200  
150  
745,000

## ALBINA.

## Bonds due—

August 18, 1910 . . . . .	\$ 10,000 00
June 1, 1921 . . . . .	40,000 00
June 1, 1921 . . . . .	50,000 00
June 1, 1921 . . . . .	50,000 00
	<u>\$150,000 00</u>

Total bonded indebtedness . . . . . \$1,445,000 00

Respectfully submitted,

W. T. BRANCH,  
*Auditor and Clerk.*

PORTLAND, OR, January 2, 1893.

## Appendix to Auditor and Clerk'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, 1892.

## STREET IMPROVEMENT FUNDS.

	Bal. in Fund Dec. 31, 1891	Receipts	Expenditures	Bal. in Fund Dec. 31, 1892
Chapman . . . . .	\$ 35 05	\$-----	\$-----	\$ 35 05
North 21st . . . . .		15 87	15 87	-----
South Front, Gaines to 1st ave . . . . .	18 55	-----	-----	18 55
Hood . . . . .	14 64	-----	-----	14 64
Taylor . . . . .	1 41	-----	-----	1 41
North 18th . . . . .	27 67	-----	-----	27 67
North 14th . . . . .	3 92	495 75	30 00	469 67
Twelfth . . . . .	71 16	-----	-----	71 16
R. N. 18th to N. Front South 2d, Sheridan to Gibbs . . . . .	186 75	-----	-----	186 75
Whitaker, S. Front to Multnomah . . . . .	405 54	-----	-----	405 54
N. Front, F. to N.W. end of N. Front . . . . .	12 46	-----	-----	12 46
Kelly . . . . .	414 20	1208 30	1622 50	-----
Curry . . . . .	11 40	-----	-----	11 40
Wood . . . . .	37 75	-----	37 75	-----
Gaines . . . . .	68 07	3 69	68 07	3 69
Clifton . . . . .	112 70	-----	112 70	-----
N. 16th . . . . .	39 40	276 85	-----	316 25
Tenth . . . . .	101 79	78 12	79 91	100 00
Columbia . . . . .	69 97	317 85	387 82	-----
Caruthers . . . . .	28 24	5 69	33 93	-----
H, N. 21st to N. 22d . . . . .	21 23	-----	-----	21 23
N. 20th . . . . .	83 65	17 25	97 40	3 50
Mill, Front to Water . . . . .	631 96	275 71	907 67	-----
	12 82	-----	-----	12 82

## STREET IMPROVEMENT FUNDS—CONTINUED

	Bal. in Fund Dec. 31, 1891	Receipts	Expenditures	Bal. in Fund Dec. 31, 1892
Third Ave . . . . .		58 67	58 67	-----
Grover . . . . .	9 44	339 49	348 93	-----
L . . . . .	18 96	-----	18 96	-----
Hood, Marquam Gulch to Grover . . . . .	88 50	381 95	470 45	-----
Eleventh . . . . .	7 14	95 56	102 70	-----
13th . . . . .	147 58	559 63	423 72	283 49
5th (grading) . . . . .	275 00	-----	216 87	58 13
18th, Clinton to Powell Valley road . . . . .	42 30	-----	-----	42 30
Williams ave., Grant to Going . . . . .	279 33	-----	-----	279 33
H, E to W. end . . . . .	901 74	2828 11	3652 13	77 72
15th, D to J . . . . .	2 09	-----	2 09	-----
A, 1st to 6th . . . . .	44 46	-----	-----	44 46
M, 4th to 12th . . . . .	43 16	-----	-----	43 16
Clinton, 12th to 21st . . . . .	62 73	205 32	205 32	62 73
Williams, Cherry to N. line of City . . . . .	26	307 52	307 52	26
9th, D to L . . . . .	5 20½	-----	5 10	10½
West Main . . . . .	103 25	-----	103 25	-----
G, E to W. end . . . . .	118 00	1416 92	1372 59	162 33
Clay, 4th to E. line of City . . . . .	4 80	24 64	24 64	4 80
5th, N. line City to A . . . . .	35½	-----	35½	-----
Sellwood, Helen to Will- iams ave . . . . .	211 25	-----	211 25	-----
5th, Oak to D . . . . .	218 19	720 03	938 22	-----
5th, K to Ellsworth . . . . .	383 79½	1524 90	1505 88	402 81½
Columbia, 13th to 14th F . . . . .	35 65	108 35	144 00	-----
Beach, Margaretta to Mississippi ave . . . . .	5 50	-----	5 50	-----
Myrtle . . . . .	67 58	105 91	173 49	-----
17th, Spring to Carter . . . . .	345 02	824 13	1033 51	135 64
Page . . . . .	65 51	225 59	291 10	-----
San Diego . . . . .	134 45	447 83	582 28	-----
O, 14th to 16th . . . . .	62 42	87 68	150 10	-----
H, 13th to 18th . . . . .	12 89	-----	12 89	-----
13th, D to J . . . . .	200 63	351 31	551 94	-----
13th, D to J . . . . .	82 14	627 91	705 99	4 06
16th, Jackson to Spring	148 63	734 44	883 07	-----

## STREET IMPROVEMENT FUNDS—CONTINUED

	Bal. in Fund Dec. 31, 1891	Receipts	Expenditures	Bal. in Fund Dec. 31, 1892
Spring . . . . .	527 38	1368 77	1896 15	-----
Elliott . . . . .	232 20	427 79	568 37	91 62
Cherry, 1st to 6th . . . . .	87 53	66 72	99 09	55 16
N. 16th, G to bridge bet. M and N . . . . .	22 80	104 48	10 88	116 40
B . . . . .	3 75	-----	3 75	-----
N. 17th, M to P . . . . .	203 26	412 67	615 93	-----
Washington, 2d to B . . . . .	74 10	1493 35	1567 45	-----
C, 2d to Cherry . . . . .	54 66	516 45	333 45	237 66
Baker, S. 3d to S. 4th . . . . .	117 15	218 70	335 85	-----
1st, Salmon to Madison E. half 1st . . . . .	329 45	575 68	899 38	5 75
Porter, Hood to S. 2d . . . . .	171 38	-----	171 38	-----
1968 68	138 75	2107 43	-----	-----
N. 17th, G to S . . . . .	1863 17	687 87	2551 04	-----
Goldsmith . . . . .	7 75	282 49	290 24	-----
3d, N. line City to Maple N. 22d, J to P . . . . .	1589 55	1235 57	2708 82	116 30
L, N. 21st to N. 22d . . . . .	167 71	166 86	225 99	108 58
14th, Myrtle to Elizabeth Pacific . . . . .	96 31	116 50	212 81	-----
148 29	1381 98	1331 30	198 97	-----
1568 99	2220 76	3763 50	26 25	-----
Front, Ash to Madison . . . . .	1 92	-----	1 92	-----
15th, Morrison to B . . . . .		3640 01	3640 01	-----
18th, Spring to Clifton . . . . .		861 64	840 59	21 05
S. 2d . . . . .		193 75	193 75	-----
N, 5th to 20th . . . . .		55 35	55 35	-----
16th, Holladay to Haw- thorne ave . . . . .		58 72	58 72	-----
Williams, Cherry to City limits (old) . . . . .		39 67	39 67	-----
5th, C to I . . . . .		370 34	370 34	-----
Water, L to U . . . . .		162 50	162 50	-----
15th, Halsey to N. line City . . . . .		3 47	3 47	-----
S. 1st, 1st to 2d ave . . . . .		592 17	501 58	90 59
Laurel . . . . .		1520 16	1439 33	80 83
G . . . . .		1 43	-----	1 43
Clay, 3d to 4th . . . . .		357 00	357 00	-----
Morrison, 1st to 9th . . . . .		1 00	1 00	-----
N. 18th, B to F . . . . .		1767 00	1767 00	-----
Elm . . . . .		829 05	743 88	85 17
H, N. 22d to N. 22d . . . . .		426 07	401 32	24 75

STREET IMPROVEMENT FUNDS—CONTINUED

	Bal. in Fund Dec. 31, 1891	Receipts	Expenditures	Bal. in Fund Dec. 31, 1892
11th, Hawthorne to V . . . . .		459 88	459 88	-----
Weidler, 1st to 5th . . . . .		258 92	258 92	-----
I, N. 20th to N. 22d . . . . .		1873 92	1873 92	-----
Alder, 5th to 15th . . . . .		9297 54	8719 96	577 58
N. 23d, F to J . . . . .		256 62	208 58	48 04
Delay . . . . .		486 78	484 03	2 75
Missouri ave, Multnomah to Grant . . . . .		4960 12	4491 28	468 84
G, 3d to N. W. Park . . . . .		7208 10	7194 36	13 74
Jackson, 15th to Smith Salmon, Ford to City Park . . . . .		208 87	208 87	-----
N. E. Park . . . . .		868 51	864 76	3 75
Multnomah, Grover to Curry . . . . .		15 08	15 08	-----
Corbett, 2d ave to Lane S. 1st, 3d to 4th ave . . . . .		2186 92	2177 82	9 10
Borthwick, Russel to Elliott . . . . .		631 76	594 92	36 84
H, N. 5th to N. 8th . . . . .		590 65	590 65	-----
8th, Oregon to Tillamook Oregon, 3d to 9th . . . . .		1612 56	1582 82	29 74
Irving, 23d to 24th . . . . .		4865 77	4795 23	70 54
3a, Main to Gilsan . . . . .		3686 75	3686 75	-----
6th, Clay to Salem . . . . .		1401 10	1387 80	13 30
Michigan ave . . . . .		451 45	451 45	-----
N. 18th, M to T . . . . .		55232 66	55222 96	9 70
O, Laburnum ave to E. line Sunnyside . . . . .		2259 25	2259 25	-----
Laburnum ave, K. to Hawthorne . . . . .		5764 25	5608 09	156 16
Adams . . . . .		2347 72	1781 28	566 44
Davis . . . . .		749 54	487 66	261 88
Eugene . . . . .		2559 08	2515 32	43 76
Russell . . . . .		447 75	447 75	-----
Broadway . . . . .		187 75	187 75	-----
E. Glisan, E. 9th to E. 12th . . . . .		521 27	403 13	118 14
E. 8th, E. Flanders to line bet. lots 7 and 8, Riverside Homestead		3188 19	3147 99	40 20
		1025 18	1019 18	6 00
		14934 39	3781 22	11153 17

STREET IMPROVEMENT FUNDS—CONTINUED

	Bal. in Fund Dec. 31, 1891	Receipts	Expenditures	Bal. in Fund Dec. 31, 1892
E. Sacramento, E. 7th to Union ave . . . . .		561 94	466 99	94 95
E. 16th . . . . .		4912 43	836 78	4075 65
E. 12th . . . . .		1004 91	996 40	8 51
Jackson, W. Park to 11th Mississippi ave, Russell to Skidmore . . . . .		535 90	535 90	-----
7th, Glisan to Johnson . . . . .		7803 89	6783 61	1020 28
Weidler . . . . .		1395 00	1393 25	1 75
Gantenbein ave . . . . .		6598 42	5304 21	1294 21
E. Irving . . . . .		1286 64	176 96	1109 68
Pine . . . . .		668 76	208 47	460 29
23d, Thurman to Wilson Washington, Burnside to 240 ft W. of E. line of city park . . . . .		1952 40	1789 73	162 67
2d, D to C . . . . .		895 71	766 80	128 91
Shaver, Maryland to Williams ave . . . . .		31572 58	31497 01	75 57
Thurman, 14th to 19th L . . . . .		539 18	536 18	3 00
Idaho . . . . .		2241 94	2230 18	11 76
Vaughn . . . . .		1436 85	1431 35	5 50
Montana ave . . . . .		490 00	490 00	-----
E. Hoyt . . . . .		427 16	-----	427 16
Hawthorne ave . . . . .		2842 50	2329 58	512 92
Northrup . . . . .		520 62	136 34	384 28
		2 22	-----	2 22
		1 24	-----	1 24
		156 09	-----	156 09
Totals . . . . .	\$15,774 31½	\$236,930 77	\$224,559 14½	\$28,145 94

SEWER FUNDS.

	Bal. in Fund Dec. 31, 1891	Receipts	Expenditures	Bal. in Fund Dec. 31, 1892
15th, Market and 14th . \$		-----	263 28	-----
S. Fourth . . . . .		290 00	97 90	387 90
N. 9th . . . . .		39 30	-----	39 30
T, N. 14th and U . . . . .		134 60	134 60	-----
P . . . . .		576 63	191 45	443 33
N. 20th . . . . .		7 00	-----	7 00
Johnson Creek . . . . .		57 00	57 00	-----



## SEWER FUNDS—CONTINUED

	Bal. in Fund Dec. 31, 1891	Receipts	Expenditures	Bal. in Fund Dec. 31, 1892
Ella . . . . .	19 58	-----	19 58	-----
Twelfth and Market . .		45 00	45 00	-----
Clay . . . . .	189 18	60 82	250 00	-----
13th . . . . .	44 50	-----	-----	44 50
S. 3d . . . . .	41 45	43 35	84 80	-----
M . . . . .	60 98	-----	60 98	-----
Clay, 15th to 14th . . .	21 40	108 60	100 00	30 00
13th and Jefferson . . .	87	-----	87	-----
Harding . . . . .	241 15	126 35	367 50	-----
Chapman, Mitchell to Stark . . . . .	215 50	46 00	261 50	-----
I, N. 22d to N. 23d . .	64	159 21	159 85	-----
9th, College to Jackson.	50 60	-----	50 60	-----
Margaretta ave . . . .	64 68	-----	64 68	-----
11th . . . . .	59 61	15 39	75 00	-----
Chapman, W. Madison Tanner creek . . . . .	75 00	-----	75 00	-----
Rodney ave . . . . .	121 10	278 90	400 00	-----
Knott, 125 ft. W. of Mar- garetta ave to Rodney ave . . . . .	335 40	147 46	482 86	-----
Front and S. Front . . .	40 60	-----	40 60	-----
H, N. 22d to N. 33d . .	173 63	25 57	199 20	-----
Clay, 3d to 6th . . . .	1 17	526 31	500 00	27 48
Sellwood . . . . .	50 50	675 75	702 25	24 00
Vancouver ave . . . . .	355 50	799 50	1155 00	-----
T, N. 26th to N. 20th . .	334 50	2999 90	3325 20	9 20
Columbia, 12th to 14th .	59 14	395 11	454 25	-----
L, N. 22d to N. 20th . .	161 90	-----	-----	161 90
Chapman, W. Main to Tanner creek . . . . .		753 16	753 16	-----
N. 8th . . . . .		108 92	108 92	-----
Knott, 180 ft. E. of Van. ave to Van. ave . . . .		227 20	227 20	-----
R, N. 20th to N. 28th . .		7028 00	7004 00	24 00
Q, N. 20th to Willam- ette river . . . . .		8478 17	8204 92	273 25
Mississippi ave, Morris to Russell . . . . .		1865 78	1823 67	42 11
N. 13th and D . . . . .		7200 05	7000 00	200 05
Stout . . . . .		613 05	613 05	-----

## SEWER FUNDS—CONTINUED

	Bal. in Fund Dec. 31, 1891	Receipts	Expenditures	Bal. in Fund Dec. 31, 1892
W. Main . . . . .		1505 00	1505 00	-----
Tanner creek (old) . . .		18 75	18 75	-----
Chapman, Stark to Rus- sell . . . . .		875 00	875 00	-----
Elliott . . . . .		389 00	389 00	-----
Mitchell . . . . .		1884 46	1884 46	-----
Sellwood . . . . .		702 00	702 00	-----
Tanner creek . . . . .		46408 78	46308 78	100 00
M, N. 22d to N. 23d . .		718 65	718 65	-----
Overton, 21st to 25th . .		3600 59	3600 59	-----
Elliott . . . . .		1804 00	1734 80	69 20
X . . . . .		1055 63	1055 63	-----
Flint . . . . .		527 66	527 66	-----
Hoyt, 8th to 9th . . . .		753 48	753 48	-----
7th, Hoyt to Glisan . . .		591 40	591 40	-----
6th, Hoyt to Glisan . . .		565 40	565 40	-----
Pettygrove, 21st to 24th. Columbia, Chapman to 17th . . . . .		2532 34	2532 34	-----
17th . . . . .		67 93	56 75	11 18
19th and Mill . . . . .		329 92	329 06	86
Savier . . . . .		1269 00	1218 20	50 80
Nartilla . . . . .		404 40	364 40	40 00
13th, Hall to Montgom- ery . . . . .		454 08	389 08	65 00
Holladay ave . . . . .		22035 85	22029 20	6 65
4th and Hooker . . . . .		1087 57	1045 32	42 25
Marquam gulch . . . . .		3978 42	3900 00	78 42
Overton, 200 ft. W. of 25th to 25th . . . . .		242 00	212 00	30 00
Knott, 160 ft. E. of Mit- chell to Mitchell . . . .		83 90	-----	83 90
Park ave . . . . .		255 97	200 00	55 97
Thomas creek . . . . .		719 35	-----	719 35
Totals . . . . .	\$ 4,029 39	\$127,801 13	\$129,150 82	\$ 2,679 70

## STREET EXTENSION FUNDS.

	Bal. in Fund Dec. 31, 1891	Receipts	Expenditures	Bal. in Fund Dec. 31, 1892
B . . . . .	5 00	-----	5 00	-----
N. 21st . . . . .	30 00	-----	30 00	-----
N. 22d . . . . .	5 00	-----	5 00	-----
Hood . . . . .	757 00	-----	757 00	-----
3d and N. 3d . . . . .	25 00	-----	25 00	-----
N. 1st . . . . .	8 00	-----	8 00	-----
W . . . . .	671 00	-----	-----	671 00
Heights Terrace . . . . .	375 00	180 00	365 00	190 00
V . . . . .	418 50	130 00	76 00	472 50
Russell . . . . .	149 50	-----	14 00	135 50
X . . . . .	138 00	-----	-----	138 00
S. 6th . . . . .	435 00	-----	425 00	10 00
L . . . . .	3414 70	1775 00	5189 70	-----
Clinton . . . . .	38 00	401 00	439 00	-----
4th . . . . .	495 83 $\frac{1}{2}$	-----	185 83 $\frac{1}{2}$	310 00
W . . . . .	-----	250 00	250 00	-----
Morris . . . . .	-----	600 00	600 00	-----
S. 5th . . . . .	-----	10 00	-----	10 00
Wood . . . . .	-----	1387 23	1387 22	01
R . . . . .	-----	142 35	72 15	70 20
S. 5th . . . . .	-----	690 86	528 94	161 92
Q . . . . .	-----	260 00	200 00	60 00
11th . . . . .	-----	720 55	705 85	14 70
E. 8th . . . . .	-----	9912 30	9912 30	-----
D . . . . .	-----	3439 00	3295 00	144 00
5th, K to U . . . . .	-----	784 75	102 30	682 45
9th . . . . .	-----	777 15	617 40	159 75
24th . . . . .	-----	2515 00	2515 00	-----
Vancouver ave . . . . .	-----	630 00	436 00	194 00
Hawthorne ave . . . . .	-----	817 55	752 65	64 90
Clackamas . . . . .	-----	1900 00	1900 00	-----
Ellsworth . . . . .	-----	870 00	870 00	-----
Portland Boulevard . . . . .	-----	1490 00	1490 00	-----
Harrison ave . . . . .	-----	75 00	-----	75 00
Cable . . . . .	-----	430 90	326 80	104 10
E. Stark . . . . .	-----	501 84	246 32	255 52
Powell . . . . .	-----	210 23	-----	210 23
E. 15th . . . . .	-----	240 00	240 00	-----
Belmont . . . . .	-----	106 00	-----	106 00
E. 18th . . . . .	-----	1157 00	-----	1157 00
Totals . . . . .	\$ 6,965 53 $\frac{1}{2}$	\$ 32,403 71	\$ 33,972 46 $\frac{1}{2}$	\$ 5,396 78

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 street and adjoining the south line of the Caruthers D. L. C.

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

*Park Blocks*—Numbered and designated respectively: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, city proper; and A, B, C, D, E, F in Couch addition to 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, 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 8, 9, 10 and 11.

*City Park Proper*—Bounded and described as follows: On the north by the Barnes county road, on the east by the H. D.

Green and Donald Macleay tracts of land, on the south by a continuation of the south boundary line of Donald Macleay tract of land, on the west by the King donation land claim, containing 40.78 acres.

*City Jail and Police Station*—Lot 4, Block 30, City, and City Jail building thereon.

BLOCK.	LOT.	ADDITION.
* 30 . . . . .	N ½ 3 . . . . .	City.
* 50 . . . . .	6 . . . . .	"
* 9 . . . . .	N ½ 4 . . . . .	"
* 143 . . . . .	6 . . . . .	"
† 150 . . . . .	3 and 4 . . . . .	"
† 315 . . . . .	E ½ 8 . . . . .	"
† 128 . . . . .	3 . . . . .	Caruthers.
† 32 . . . . .	all . . . . .	"
† 99 . . . . .	E ½ 2 & 3 . . . . .	Couch.
† 291 . . . . .	2 . . . . .	"

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

Lot 6 in block 6, Watson's addition; purchased November 3, 1883, for improvement of S street.

A triangular piece of land between Washington, B and Lownsdale streets, purchased Nov. 7, 1883, for improvement of B street.

Intersection of Fourteenth, Eighteenth, B and Alder streets, purchased November 3, 1883, for improvement of B street.

Lots 7 and 8 in block 83, in Couch addition, purchased Nov. 3, 1883, for improvement of D street.

\* Under Control of the Portland Paid Fire Department.

† Under Control of the City Water Works.

Lots 1, 2, 3 and 4 in block 84, Couch addition, purchased Nov. 3, 1883, for improvement of D street.

Lot 7 in block 75, Couch addition, purchased Nov. 3, 1883, for improvement of H street.

The undivided third of the west half of lot 2 in block 36, Couch addition, purchased Dec. 19, 1883, for improvement of F street.

Lot 6 in block 8, Watson's addition, purchased Jan. 16, 1884, for improvement of S street.

A tract being the east 100 feet of the north 30 feet of block S. ½ A, purchased March 26, 1884, for improvement of Tenth street.

Lot 2 in N. ½ K, city proper, purchased Feb. 6, 1884, for improvement of Eleventh street.

A tract of land bounded and described as follows: On the south by the north line of block No. 103, in Caruther's addition to the City of Portland; on the east by the west line of Hood street; on the north by a line parallel with, and 100 feet north of the north line of said block No. 103; and on the west by a line parallel with, and 100 feet west of the west line of Hood street; purchased May 14, 1884, for extension of Hood street.

A tract of land bounded and described as follows: On the south by the north line of block No. 102, in Caruther's addition to the City of Portland, on the west by the east line of Hood street; on the north by a line parallel with, and 100 feet north of the north line of said block No. 102, and on the east by a line parallel with and 100 feet east of the east line of Hood street; purchased May 14, 1884, for extension of Hood street.

Lot 3 in block 127, purchased May 14, 1884, for improvement of First street.

Lot 5 in block C, purchased June 18, 1884, for improvement of Front and South Front streets.

Lots 4 and 5 in block 88, city proper, purchased Dec. 4, 1884, for improvement of Stark street.

Lots 1, 2 and 3 in block 88, purchased Dec. 4, 1884, for improvement of Stark street.

A tract of land bounded and described as follows: Bounded on the north by the south line of block P; on the south by the north line of a tract of land known as the City Tract, on the west by the east line of Hood street; and on the east by a line 100 feet east of the east line of Hood street.

The north 46 feet of lot 1, block A, Caruther's addition, purchased Feb. 5, 1885, for improvement of Hood street.

Lot 1 block 75, purchased Feb. 5, 1885, for sewer in G street.

Lots 5, 6, 7 and 8, block 45, Caruther's addition, purchased Feb. 5, 1885, for extension of south Front street.

Lot 8, block 142, city, purchased Feb. 5, 1885, for improvement of Montgomery street.

Lots 1, 2 and 8, block 35, Caruther's addition, purchased Feb. 5, 1885, for improvement of Montgomery street.

Lots 1 and 2, block B, Caruther's addition, purchased Feb. 5, 1885, for improvement of Hood street.

Undivided  $\frac{1}{2}$  of E.  $\frac{1}{2}$  lot 4, block C, subdivision 25, Carter's addition, purchased Feb. 5, 1885, for improvement of Montgomery street.

Undivided  $\frac{1}{2}$  of W.  $\frac{1}{2}$  lot 3, block C, subdivision 25, Carter's addition, purchased Feb. 5, 1885, for improvement of Montgomery street.

Undivided  $\frac{1}{2}$  of E.  $\frac{1}{2}$  lot 3, block C, sub-division 25, Carter's addition, purchased Feb. 5, 1885, for improvement of Montgomery street.

Lot 3, block 8, Sherlock's addition, purchased April 2, 1885, for extension of North Twenty-first street.

Lot 2, block 8, Sherlock's addition, purchased April 2, 1885, for extension of North Twenty-first street.

N.  $\frac{1}{2}$  block 293, Couch addition, purchased April 2, 1885, for extension of T street.

Lot 5, in block opposite block A, Caruther's addition, purchased April 2, 1885, for improvement of Hood street.

E. 100 feet of lot 5, block C, subdivision 26, Carter's addition, purchased June 11, 1885, for improvement of Montgomery street.

Lots 5 and 6, block 50, Caruther's addition, purchased June 11, 1885, for improvement of Front and South Front streets.

Lots 7 and 8, block 50, Caruther's addition, purchased June 11, 1885, for improvement of Front and South Front streets.

Lot 9, block B, Caruther's addition, purchased June 11, 1885, for improvement of Hood street.

E.  $\frac{1}{2}$  lot 4, S.  $\frac{1}{2}$  block I, city, purchased June 25, 1885, for improvement of Tenth street.

Lot 1, block 5, Market street addition, purchased July 9, 1885, for improvement of Montgomery street.

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

PROPERTY BELONGING TO THE CITY IN THE FORMER CITY OF EAST PORTLAND.

*City Park*—Blocks Nos. 132, 133, 140 and 141, Holladay's addition to East Portland.

*East Side Water Works*—A tract of land bounded on the north by the land of Mary Tibbits, on the east by the land of Mary Tibbit's 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 acres.

BLOCK.	LOT.	ADDITION.
* 76 . . . . .	S 1/2 7 . .	East Portland.
* 47 . . . . .	W 1/2 of E 1/2 6 . .	" "
* 257 . . . . .	5 and 6 . .	Holladays Addition.

PROPERTY BELONGING TO THE CITY IN THE FORMER CITY OF ALBINA.

*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 northerly side line of county road, and on the west by the west line of John Windle D. L. C. all in section 8; T. 1 N., R. 1 E. W. M. and containing 29.46 acres.

BLOCK.	LOT.	ADDITION.
* 18 . . . . .	2 . .	Albina.
29 . . . . .	14 . .	" "
10 . . . . .	11 . .	Proebstel's addition.
14 . . . . .	12, 13, 14, 15 . .	" "
14 . . . . .	13 . .	Multnomah.
S 1/2 6 . . . . .		St. John's Irregular Blocks.
2 . . . . .		" " " "
9 . . . . .		All Albina Homestead.

Blocks Nos. 6, 8, 18, 19, 20, 21, 22, 23, 24, 25, 26, 28 and 29 to 43 inclusive, all in St. John's addition to St. John's.

Blocks 17, 21 and 24 to 32 inclusive, St. John's second addition to St. John's.

DREDGING APPARATUS, Etc.

- 1 steam Dredger with machinery, tackle and apparel complete.
- 1 steam Tug, Louisa Vaughn, with tackle and apparel complete.
- 1 Wood Scow (sunk.)

\*Under Control of Fire Department.

INVENTORY OF CITY PROPERTY IN CITY OFFICES.

AUDITOR AND CLERK'S OFFICE—PUBLIC ROOM.

1 business counter.	1 spittoon.
1 ice water tank and tumbler.	1 office desk.
1 bid-box, padlock and key.	1 ink stand.
1 Lewis & Dryden Atlas.	1 map city of Albina, 1891.
1 map city of Portland, 1882.	1 gas lamp and rubber tubing.
1 map city of Portland, 1889.	1 letter scale.
1 map county of Multnomah.	1 city directory, 1892.
1 three-jet chandelier.	

AUDITOR'S OFFICE, PROPER.

1 Tilton & McFarland safe, old.	1 map case, solid oak.
1 large Hall's safe.	1 large pine case with compartments.
1 small Webb safe.	1 tax roll case.
1 large secretary with box compartments and drawers.	1 walnut case with box compartments and drawers.
1 pair shears.	1 walnut side case with pigeon holes and compartments.
4 spittoons.	1 high desk.
2 three-jet chandeliers.	1 city seal.
2 two-jet chandeliers.	4 coal stoves and fixtures.
4 gas lamps and rubber tubing.	1 Remington typewriter.
3 waste baskets.	1 book rest.
3 rotary office chairs, cushioned.	3 oak chairs.
1 small walnut table.	3 cane seated chairs.
1 book rack.	6 cane seated stools.
1 office desk, folding top.	1 walnut hat and umbrella rack.
3 office desks, common.	1 newspaper file.
3 arm rests.	1 high oak bottom stool.
5 ink stands.	1 wooden "T" square.
1 Seth Thomas calendar clock.	1 thread cabinet.
1 feather duster.	4 body Brussels carpets.
1 puncher.	9 ballot boxes.
1 step-ladder.	103 record boxes.
1 unabridged dictionary.	375 ordinance books, codified 1892.
6 office tables.	

## MAYOR'S OFFICE.

1 three-jet chandelier.	1 walnut upholstered easy chair.
2 spittoons.	1 ink stand.
1 two-jet chandelier.	1 folding secretary.
1 easy chair.	7 upholstered walnut chairs.
1 coal stove and fixtures.	1 body Brussels carpet.
1 sofa.	1 rug.

## COMMITTEE ROOM A.

1 committee table.	4 spittoons.
8 committee chairs.	1 hat and umbrella rack.
6 oak chairs.	1 map city of Portland, 1882.
1 coal stove and fixtures.	1 feather duster.
1 two-jet gas chandelier.	1 lobby bench.

## COMMITTEE ROOM B.

1 committee table.	1 coal stove and fixtures.
8 cane seated chairs.	1 two-jet chandelier.

## COUNCIL CHAMBER.

2 coal stoves and fixtures.	2 umbrella racks.
5 lobby benches, cushioned.	5 cane seated oak chairs.
1 lobby railing.	1 mayor's seat and table, with gavel and Cushing's Rules of Order and codified ordinances of 1892.
2 hat racks.	1 canopy.
1 body Brussels carpet.	1 picture of Washington and his Gen- erals.
4 four-jet gas chandeliers.	1 reporter's table with gaslight, 3 chairs, 3 spittoons and umbrella rack.
16 council chairs.	16 portfolio books.
16 council desks.	11 ink stands.
1 clerk of council table with two chairs.	83 record books.
11 spittoons.	3 black walnut cane seated chairs.
1 sergeant-at-arms chair.	
1 marble top pitcher table with pitcher.	
1 oak table with pitcher.	

## FIRST QUARTERLY REPORT

—OF—

FRANK HACHENEY, CITY TREASURER,

—FOR—

QUARTER ENDING MARCH 31ST, 1892.

Balance as per report Dec. 31, 1891 . . . . .	\$93,834 53 <sup>1</sup> / <sub>2</sub>
Balance in New York to redeem inter- est coupons . . . . .	1,230 00
Received from all sources . . . . .	536,997 48 <sup>1</sup> / <sub>2</sub>
Disbursed the sum of . . . . . \$201,194 42	
Interest coupons paid in New York . . . . .	780 00
Leaving a balance in the Treasury of 429,637 59 <sup>3</sup> / <sub>8</sub>	
Leaving a balance in New York of . . . . .	450 00
	<hr/>
	\$632,062 01 <sup>5</sup> / <sub>8</sub> \$632,062 01 <sup>5</sup> / <sub>8</sub>

## GENERAL FUND

Balance per last report, Dec. 31, 1891 . . . . .	\$ 12,442 37 <sup>1</sup> / <sub>2</sub>
Received 30 per cent. of \$417,838 50, city tax 1892 . . . . .	125,351 55
Received from—	
General licenses . . . . .	47,259 17
Dog licenses . . . . .	58 50
C. H. Carey, Police Judge, fines and costs police court . . . . .	3,824 50
W. Myers, pound money . . . . .	52 50
	<hr/>
Amount carried forward . . . . .	\$188,988 59 <sup>1</sup> / <sub>2</sub>

<i>Amount brought forward</i> . . . . .	\$188,988 59 $\frac{1}{2}$
S. B. Parrish, Chief of Police costs improvement N. Front street . . .	44 85
A. E. Borthwick, del. tax . . . . .	2 58
M. M. Brooks, del. tax . . . . .	14 24
W. T. Branch, account A. Stoldt . .	156 39
T. W. Stout, del. tax . . . . .	85
W. H. Saylor, del. tax . . . . .	1 40
R. H. Cardwell, del. tax . . . . .	22 00
W. Myers, pound stock sold . . . .	85 00
S. B. Parrish, costs improvement of Columbia street . . . . .	3 50
W. E. Thomas, del. tax . . . . .	10 00
W. T. Branch, sale of old blank book	3 00
O. T. Murphy, del. tax . . . . .	1 25
S. B. Parrish, costs of improvement of 11th street . . . . .	8 95
W. H. Chambers, del. tax . . . . .	26 60
J. K. Wilson, costs improvement of Morrison street . . . . .	4 85
W. Myers, pound stock sold . . . .	32 00
Ladd & Tilton, del. tax . . . . .	4 00
L. and D. C. Miller, del. tax . . . .	7 44
Ella L. Plymale, del. tax . . . . .	2 13
C. W. Gray, del. tax . . . . .	6 40
S. B. Parrish, costs improvement of 5th street, K to Ellsworth . . . .	90 00
Ella L. Plymale, del. tax . . . . .	2 71
Laura A. Hursch, del. tax . . . . .	47 $\frac{1}{2}$
Eliza Shepard, del. tax . . . . .	7 95
S. B. Parrish, costs improvement 5th street, Oak to D . . . . .	3 00
S. B. Parrish, costs sewer in H street	1 50
<i>Amount carried forward</i> . . . . .	\$189,531 66

<i>Amount brought forward</i> . . . . .	\$189,531 66
S. B. Parrish, costs sewer in Clay street	18 50
E. S. Buffum, del. tax . . . . .	1 10
S. B. Parrish, costs improvement Spring street . . . . .	13 55
S. B. Parrish, costs improvement Williams avenue . . . . .	6 00
Mt. Tabor St. Ry. Co., for right of way to run cars over Madison street bridge . . . . .	300 00
Geo. P. Gray, del. tax . . . . .	5 20
S. B. Parrish, costs improvement N street, from E. to W. end . . . .	3 00
S. B. Parrish, costs improvement N street, 13th to 18th . . . . .	3 00
S. B. Parrish, costs improvement 5th street, Oak to D . . . . .	11 95
J. McAyeal, del. tax . . . . .	14 85
W. M. Gregory, del. tax . . . . .	80
Thos. Healey, del. tax . . . . .	4 75
Mrs. V. Langrez, del. tax . . . . .	5 62
J. W. Dunbar, del. tax . . . . .	3 90
Mrs. Mary West, del. tax . . . . .	17 69
Theodore E. Kraft, del. tax . . . .	50
S. B. Parrish, costs improvement 13th street, D to J . . . . .	3 00
S. B. Parrish, costs improvement G street, E. to W. end . . . . .	6 00
W. Erwin, del. tax and interest . . .	55
W. H. Merrick, del. tax . . . . .	1 10
W. H. Lone, del. tax . . . . .	1 15
J. B. Montgomery, del. tax . . . .	1 20
<i>Amount carried forward</i> . . . . .	\$189,955 07

<i>Amount brought forward</i> . . . . .	\$ 189,955 07
S. B. Parrish, costs improvement L street, 21st to 22d . . . . .	1 50
Fannie Warren, del. tax and int . . . . .	11 20
W. Myers, pound money . . . . .	28 50
M. A. Dunseth, del. tax . . . . .	2 00
R. Koehler, del. tax . . . . .	23 97
J. W. Graham, del. tax . . . . .	3 40
W. Young, del. tax . . . . .	1 75
C. P. Hogue, del. tax . . . . .	2 70
Eugene Semple, del. tax . . . . .	72
S. L. Cohn, del. tax . . . . .	6 95
A. J. Stafford, del. tax . . . . .	3 25
W. E. Showers, del. tax . . . . .	14 80
S. B. Parrish, costs improvement Pacific street . . . . .	5 00
S. and H. Roth, del. tax . . . . .	3 45
W. Myers, pound stock sold . . . . .	62 00
E. K. Jones, del. tax . . . . .	8 30
Mrs. C. P. Mendenhall, del. tax . . . . .	7 39
S. B. Parrish, costs improvement N. 17th street . . . . .	23 65
S. B. Parrish, cost sewer T street . . . . .	11 80
W. C. Noon, del. tax . . . . .	13 67
S. B. Parrish costs improvement Elliott street . . . . .	4 50
Geo. Sinfield, del. tax . . . . .	2 48
Portland Cable Ry. Co., del. tax . . . . .	9 10
J. V. W. Montague, del. tax . . . . .	1 50
S. B. Parrish, costs improvement N. 22d street . . . . .	3 00
S. B. Parrish, costs sewer Vancouver avenue . . . . .	3 75
<i>Amount carried forward</i> . . . . .	\$190,215 40

<i>Amount brought forward</i> . . . . .	\$190,215 40
Transferred from—	
Sewer fund . . . . .	191 45
Street extension fund . . . . .	825 00
Transferred to—	
Street lamp fund . . . . .	20,000 00
Street cleaning and sprinkling fund . . . . .	16,000 00
Bonded indebtedness, interest fund E.	
Portland . . . . .	300 00
Willamette river fund . . . . .	100 00
Bonded indebtedness, interest, fund	
Albina . . . . .	300 00
Sewer fund . . . . .	53 20
Street improvement fund . . . . .	1,964 23
East Portland light fund . . . . .	500 00
Police Department fund . . . . .	1,806 76
Street extension fund . . . . .	125 00
Warrants paid and returned . . . . .	35,243 90
Balance on hand . . . . .	114,838 76
	<hr/>
	\$191,231 85 \$191,231 85

## FIRE DEPARTMENT FUND.

Balance per report Dec. 31, 1891 . . . \$	\$5,144 10
30 per cent. of \$417,738.50, tax 1892	125,351 55
C. H. Hutchins for five exempt cert.	10 00
Warrants paid and returned . . . . .	30,633 34
Balance on hand . . . . .	99,872 31
	<hr/>
	\$130,505 65 \$130,505 65



## POLICE DEPARTMENT FUND.

Balance per report Dec. 31, 1891 . .	\$ 6,042 43	
25 per cent. of \$417,838.50, tax 1892	104,459 63	
Transferred from general fund . . .	1,806 76	
Warrants paid and returned . . . .	21,882 46	
Balance on hand . . . . .	90,426 36	
	<u>\$112,308 82</u>	\$112,308 82

## STREET CLEANING AND SPRINKLING FUND.

Balance per report Dec. 31, 1891 . . \$	\$ 1,984 00	
Transferred from general fund . . .	16,000 00	
Warrants paid and returned . . . .	10,593 87	
Balance on hand . . . . .	7,390 13	
	<u>\$ 17,984 00</u>	\$ 17,984 00

## STREET IMPROVEMENT FUND.

Balance per report Dec. 31, 1891 . .	\$ 15,774 31 <sup>1</sup> / <sub>2</sub>	
Received from sundry collections . .	28,245 85	
Transferred from general fund . . .	1,964 23	
Warrants paid and returned . . . . \$	28,161 37	
Balance on hand . . . . .	17,823 02 <sup>1</sup> / <sub>2</sub>	
	<u>\$ 45,984 39<sup>1</sup>/<sub>2</sub></u>	\$ 45,984 39 <sup>1</sup> / <sub>2</sub>

## SEWER FUND.

Balance per report Dec. 31, 1891 . .	\$ 4,029 39	
Received from sundry collections . .	20,207 95	
Transferred from general fund . . .	53 20	
Transferred to general fund . . . . \$	191.45	
Warrants paid and returned . . . .	8,035 18	
Balance on hand . . . . .	16,063 91	
	<u>\$ 24,290 54</u>	\$ 24,290 54

## STREET EXTENSION FUND.

Balance per report Dec. 31, 1891 . .	\$ 6,965 53 <sup>1</sup> / <sub>2</sub>	
Received from sundry collections . .	14,643 57	
Transferred from general fund . . .	125 00	
Transferred to general fund . . . . \$	825 00	
Warrants paid and returned . . . .	12,940 40	
Balance on hand . . . . .	7,968 70 <sup>1</sup> / <sub>2</sub>	
	<u>\$ 21,734 10<sup>1</sup>/<sub>2</sub></u>	\$ 21,734 10 <sup>1</sup> / <sub>2</sub>

## STREET LAMP FUND.

Balance per report Dec. 31, 1891 . .	\$ 1,064 45	
Transferred from general fund . . .	20,000 00	
Warrants paid and returned . . . . \$	17,146 10	
Balance on hand . . . . .	3,918 35	
	<u>\$ 21,064 45</u>	\$ 21,064 45

## BONDED INDEBTEDNESS INTEREST FUND--EAST PORTLAND.

Balance per report Dec. 31, 1891 . .	\$ 150 00	
Balance in New York . . . . .	690 00	
Transferred from general fund . . . .	300 00	
Coupons paid in New York and ret'd. \$	240 00	
Coupons paid in Portland and ret'd .	450 00	
Balance in New York . . . . .	450 00	
	<u>\$ 1,140 00</u>	\$ 1,140 00

## WILLAMETTE RIVER FUND.

Balance per report Dec. 31, 1891 . .	\$ 73 81	
Transferred from general fund . . .	100 00	
Warrants paid and returned . . . . \$	75 00	
Balance on hand . . . . .	98 81	
	<u>\$ 173 81</u>	\$ 173 81

## WATER BOND INTEREST FUND.

Balance per report Dec. 31. 1891 . . .	\$ 17,525 00	
Coupons paid and returned . . . . .	\$ 17,500 00	
Balance on hand . . . . .	25 00	
	<u>\$ 17,525 00</u>	<u>\$ 17,525 00</u>

## STREET AND SEWER INTEREST FUND.

Balance per report Dec. 31, 1891 . . .	\$ 939 00	
Received from sundry collections . . .	543 61	
Warrants paid and returned . . . . .	\$ 699 32	
Balance on hand . . . . .	783 29	
	<u>\$ 1,482 61</u>	<u>\$ 1,482 61</u>

## BONDED INDEBTEDNESS INTEREST FUND—ALBINA.

Balance in New York per report Dec. 31, 1891 . . . . .	\$ 540 00	
Transferred from general fund . . . .	300 00	
Coupons paid and returned . . . . .	\$ 840 00	
	<u>\$ 840 00</u>	<u>\$ 840 00</u>

## CITY HALL BOND INTEREST FUND.

Balance per report Dec. 31, 1891 . . .	\$ 4,375 00	
Coupons paid and returned . . . . .	\$ 4,375 00	
	<u>\$ 4,375 00</u>	<u>\$ 4,375 00</u>

## EAST SIDE WATER EXPENSE FUND.

Balance per report Dec. 31, 1891 . . .	\$ 60 13	
Received from Walter Johnson, water rates . . . . .	3,086 53	
Warrants paid and returned . . . . .	\$ 2,932 10	
Balance on hand . . . . .	214 56	
	<u>\$ 3,146 66</u>	<u>\$ 3,146 66</u>

## FIRE BADGE REDEMPTION FUND.

Balance per report Dec. 31, 1891 . . .	\$ 94 00	
Fire badges returned and redeemed . . \$	16 00	
Balance on hand . . . . .	78 00	
	<u>\$ 94 00</u>	<u>\$ 94 00</u>

## WATER FUND—EAST PORTLAND.

Balance per report Dec. 31, 1891 . . .	\$ 10,413 61	
Warrants paid and returned . . . . .	\$ 9,237 13	
Balance on hand . . . . .	1,176 48	
	<u>\$ 10,413 61</u>	<u>\$ 10,413 61</u>

## LIGHT FUND—EAST PORTLAND.

Balance per report Dec. 31, 1891 . . .	\$ 17 25	
Transferred from general fund . . . .	500 00	
Warrants paid and returned . . . . .	\$ 517 25	
	<u>\$ 517 25</u>	<u>\$ 517 25</u>

## BOULEVARD FUND—ALBINA.

Balance per report Dec. 31, 1891 . . .	\$ 6,740 14	
Warrants paid and returned . . . . .	\$ 156 00	
Balance on hand . . . . .	6,584 14	
	<u>\$ 6,740 14</u>	<u>\$ 6,740 14</u>

BONDED INDEBTEDNESS INTEREST FUND—CONSOLIDATED  
PORTLAND.

Received 15 per cent. of \$417,838 50, tax 1892 . . . . .	\$ 62,675 77	
Coupons paid and returned . . . . .	\$ 300 00	
Balance on hand . . . . .	62,375 77	
	<u>\$ 62,675 77</u>	<u>\$ 62,675 77</u>

## GENERAL SUMMARY.

Total balance on hand as stated . . .	\$429,637 59 <sup>5</sup>
Balance in New York as stated . . .	450 00
Credited to the several funds as follows:	
General fund . . . . .	\$114,838 76
Fire Department fund . . . . .	99,872 31
Police Department fund . . . . .	90,426 36
Street cleaning and sprinkling fund . . . . .	7,390 13
Street improvement fund . . . . .	17,823 02 <sup>1</sup>
Sewer fund . . . . .	16,063 91
Street extension fund . . . . .	7,968 70 <sup>1</sup>
Street lamp fund . . . . .	3,918 35
Bonded indebtedness interest fund (East Portland) in New York . . . . .	450 00
Willamette river fund . . . . .	98 81
Water bond interest fund . . . . .	25 00
Street and Sewer interest fund . . . . .	783 29
East Side water expense fund . . . . .	214 56
Fire badge redemption fund . . . . .	78 00
Water fund (East Portland) . . . . .	1,176 48
Bonded indebtedness interest fund (Consolidated Portland) . . . . .	62,375 77
Boulevard fund (Albina) . . . . .	6,584 14
	<u>\$430,087 59<sup>5</sup> \$430,087 59<sup>5</sup></u>

## STREET IMPROVEMENT FUND.

Balance in this fund as stated . . . . .	\$ 17,823 02 <sup>1</sup>
Credited as follows:	
Fifth street, Stephens to Adams . . . . .	\$ 61 28
N street, 15th to 20th . . . . .	55 35
15th street, D to J . . . . .	2 09
A street, 6th to 1st . . . . .	44 46
<i>Amount carried forward</i> . . . . .	<u>\$ 163 18</u>

<i>Amount brought forward</i> . . . . .	\$ 163 18
M street, 4th to 12th . . . . .	43 16
Clinton street, 12th to 21st . . . . .	62 73
Williams avenue, N. boundary of E. Portland to Cherry street . . . . .	26
18th street, Clinton to Powell val- ley road . . . . .	42 30
Williams avenue, Grant to Going R street, 18th to N. Front . . . . .	279 33
Chapman street . . . . .	186 75
N. 14th street, B to U . . . . .	35 05
South Front street, Gaines to 1st avenue . . . . .	3 92
Hood street . . . . .	18 55
Taylor street, 10th to 14th . . . . .	14 64
N. 18th street . . . . .	1 41
Whitaker street, Multnomah to S. Front . . . . .	27 67
S. 2d street, Sheridan to Gibbs . . . . .	12 46
12th street . . . . .	405 54
Clifton street . . . . .	71 16
Kelly street, Grover to Abernethy Curry street . . . . .	39 40
10th street, Yamhill to College . . . . .	11 40
Gaines street, Kelly to Multnomah Columbia street, 8th to 11th . . . . .	37 75
Caruthers street, Hood to 6th . . . . .	69 97
N. Front street, F to boneyard . . . . .	112 70
N. 16th street S, to N. Front . . . . .	5 25
Woods street, Front to 4th . . . . .	21 23
Grover street, Hood to Front . . . . .	261 03
Front street, Ash to Madison . . . . .	53 79
L street, 19th to 22d . . . . .	68 07
	9 44
	1 92
	18 96
<i>Amount carried forward</i> . . . . .	<u>\$ 2,079 02</u>

<i>Amount brought forward</i> . . . . .	\$ 2,079 02
Mill street, Front to Water . . . . .	12 82
Hood street, Marquam gulch to Grover street . . . . .	88 50
H street, 21st to 22d . . . . .	83 65
11th street, Hall to Montgomery 3d avenue, Corbett to Illinois . . . . .	5 24
13th street, College to Hawthorne Clay street, 4th to East boundary of E. Portland . . . . .	30 37
W. Main street, Chapman to Stout 5th street, N. boundary E. Portland to A street . . . . .	340 03
5th street, Oak to D . . . . .	4 80
Sellwood street, Helm to Williams avenue . . . . .	3 25
5th street, K to Ellsworth . . . . .	35½
Myrtle street, 13th to 19th . . . . .	72 07
13th street, D to J . . . . .	
Beech street, Margaretta avenue to Mississippi avenue . . . . .	211 25
Page street . . . . .	402 81½
Columbia street, 13th to 14th . . . . .	255 38
H street, 13th to 18th . . . . .	3 06
17th street, Spring to Carter . . . . .	
F street, Multnomah to Killingsworth avenue . . . . .	67 58
Cherry street, 1st to 6th . . . . .	76 48
16th street, Jackson to Spring . . . . .	1 50
San Diego street . . . . .	29 94
G street, East to West End . . . . .	44 06
Spring street, Lowndale to 15th . . . . .	
<i>Amount carried forward</i> . . . . .	1 20
	30 65
	139 41
	62 42
	17 95
	345 22
	\$ 4,409 02

<i>Amount brought forward</i> . . . . .	\$ 4,409 02
N. 16th street, G to bridge between M and N . . . . .	116 40
N. 17th street, M to P . . . . .	566 89
B street, N. 22d to Green property . . . . .	3 75
Washington street, 2d to B . . . . .	1,176 30
C street, 2d to Cherry . . . . .	54 66
Elliott street, Helm to Williams avenue . . . . .	302 96
9th street, D to L . . . . .	10½
Baker street, 3d to 4th . . . . .	3 50
Goldsmith street, Russ. to Mitchell 3d street, N. boundary of E. Portland to Maple street . . . . .	8 07
N. 17th street, G to S . . . . .	152 41
Porter street, Hood to 2d . . . . .	640 69
1st street, Salmon to Madison . . . . .	211 73
N. 22d street, J to P . . . . .	5 75
L street, 21st to 22d . . . . .	334 57
East ½ 1st street . . . . .	3 75
14th street, Myrtle to Elizabeth . . . . .	2 00
H street, East to West End . . . . .	197 92
Pacific street, Maple to 12th . . . . .	541 84
Laurel street . . . . .	3,022 99
15th street, Morrison to B . . . . .	634 43
S. 1st, 1st to 2d avenue . . . . .	28 10
Morrison street, Front to 9th . . . . .	195 36
15th street, Halsey to N. boundary of E. Portland . . . . .	1 00
H street, 22d to 23d . . . . .	3 47
S. 2d street, Sheridan to bridge . . . . .	301 17
	81 40
<i>Amount carried forward</i> . . . . .	\$ 13,000 23½

<i>Amount brought forward</i> . . . . .	\$ 13,000 23 <sup>1</sup> / <sub>2</sub>
N. 18th street, B to F . . . . .	743 55
18th street, Spring to Clifton . .	352 55
Elm street . . . . .	390 21
I street, 20th to 22d . . . . .	572 81
Alder street, 5th to 15th . . . . .	2,637 40
G street, Front to W. line blocks 280 and 281 . . . . .	1 43
N. 23d street, F to J . . . . .	124 84
	<hr/>
	\$ 17,823 02 <sup>1</sup> / <sub>2</sub> \$ 17,823 02 <sup>1</sup> / <sub>2</sub>

SEWER FUND.

Balance in this fund as stated . . . . \$ 16,063 91

Credited as follows:

15th street, Market and 14th . . .	\$ 263 28
Johnson creek . . . . .	57 00
S. 4th street . . . . .	12 69
N. 9th street . . . . .	39 30
P street . . . . .	443 33
Clay street, 120 ft. W. of 12th to 14th . . . . .	189 18
Ella street . . . . .	19 58
L street, 12th to 22d . . . . .	161 90
S. 3d street . . . . .	41 45
Clay street, 14th to 15th . . . . .	21 40
M street, 17th to 20th . . . . .	60 98
13th and Jefferson streets . . . . .	87
13th street, Montgomery to Market	44 50
Harding street . . . . .	278 90
Margaretta avenue . . . . .	64 68
Chapman street, 85 ft. N. of Mad- ison to Tanner creek . . . . .	75 00

*Amount carried forward* . . . . . \$ 1,774 04

<i>Amount brought forward</i> . . . . .	\$ 1,774 04
9th street, College to Jackson . . .	50 60
I street, 100 ft. W. of 22d to 23d	40 32
N. 20th street, B to F . . . . .	7 00
N. 8th street, H to I . . . . .	108 92
11th street, Montgomery to Mar- ket . . . . .	59 61
Knott street, 125 ft. W. of Mar- garetta to Rodney . . . . .	65 14
Front and S. Front streets . . . . .	40 60
T, N. 14th and U streets . . . . .	134 60
H street, 100 ft. W. of 22d to 23d	25 00
Clay street, 3d to 6th . . . . .	30 79
Sellwood street, 3d to 6th . . . . .	19 45
Vancouver avenue, Elliott to Rus- sell . . . . .	566 00
Columbia street, 12th to 14th . . .	141 75
T street . . . . .	9 20
Knott street, 180 ft. E. of Van- couver avenue to proposed Van- couver avenue sewer . . . . .	49 32
W. Main street, Chapman to 200 ft. W. of Stout . . . . .	762 55
Q street, 120 ft. E. of 20th to river . . . . .	7,415 31
Chapman street, W. Main to Tan- ner creek . . . . .	676 18
Mississippi avenue, Morris to Rus- sell . . . . .	199 98
R street, 20th to 250 ft. W. of 28th	3,464 00
Stout street, Jefferson to between Main and Madison . . . . .	423 55

---

\$ 16,063 91 \$ 16,063 91

## STREET EXTENSION FUND.

Balance in this fund as stated . . . \$	7,968	70 <sup>1</sup> / <sub>2</sub>
Credited as follows:—		
Russell street . . . . .	\$	149 50
B street . . . . .		5 00
V street . . . . .		472 50
Heights terrace . . . . .		375 00
W street . . . . .		671 00
X street . . . . .		138 00
L street . . . . .	4,324	70
S. 6th street . . . . .	435	00
Clinton street . . . . .	118	00
4th street . . . . .	495	83 <sup>1</sup> / <sub>2</sub>
8th street . . . . .	265	65
R street . . . . .	142	35
S. 5th . . . . .	161	92
D street . . . . .	144	00
Woods street . . . . .	70	25
	<u>\$ 7,968</u>	<u>70<sup>1</sup>/<sub>2</sub> \$ 7,968 70<sup>1</sup>/<sub>2</sub></u>

All of which is respectfully submitted,

FRANK HACHENEY,

*City Treasurer.*

PORTLAND, OR., May 30, 1892.

## SECOND QUARTERLY REPORT

—OF—

FRANK HACHENEY, CITY TREASURER,

—FOR—

QUARTER ENDING JUNE 30TH, 1892.

Balance in Treasury, per report March		
31, 1892 . . . . .	\$	\$429,637 59 <sup>5</sup> / <sub>8</sub>
Balance in New York, per report Mch.		
31, 1892 . . . . .		450 00
Received since, from all sources . . .		153,501 01
There has been disbursed in Portland		
the sum of . . . . .	232,368	18
Interest coupons paid in New York and		
returned . . . . .	4,275	00
Leaving balance in the Treasury of . .	335,815	42 <sup>5</sup> / <sub>8</sub>
Leaving balance in New York of . . .	11,070	00
	<u>\$583,588</u>	<u>60<sup>5</sup>/<sub>8</sub> \$583,588 60<sup>5</sup>/<sub>8</sub></u>

## GENERAL FUND.

Balance per report March 31, 1892 . . \$	\$114,838	76
General licenses . . . . .	48,221	95
Dog licenses . . . . .		48 00
C. H. Carey, Police Judge, fines and		
costs of Police Court . . . . .	2,252	50
J. W. Watson, del. tax . . . . .		6 89
S. B. Parrish, costs improvement 3d		
street . . . . .		5 00
W. Myers, pound stock sold . . . . .		133 00
<i>Amount carried forward . . . . .</i>	<u>\$165,506</u>	<u>10</u>

<i>Amount brought forward</i> . . . . .	\$165,506 10
S. B. Parrish, costs improvement Page street . . . . .	6 25
S. B. Parrish, costs sewer in Knott street . . . . .	11 30
J. A. Walker, del. tax . . . . .	3 10
S. B. Parrish, costs improvement 3d street . . . . .	4 00
S. B. Parrish, costs improvement Williams street . . . . .	6 05
Mary E. Foot, del. tax . . . . .	8 70
Emil Frey, del. tax . . . . .	2 18
S. B. Parrish, costs improvement H street E. to W. end . . . . .	12 40
J. T. Clark, del. tax . . . . .	17 28
S. B. Riggen et al, del. tax . . . . .	5 33
S. B. Parrish, costs improvement 14th street . . . . .	3 00
A. C. Brush, del. tax . . . . .	68
W. Myers, pound stock sold . . . . .	57 00
C. Clinkenbeard, del. tax . . . . .	70
F. L. Roberts, del. tax . . . . .	2 80
S. B. Parrish, costs improvement Myrtle street . . . . .	3 00
C. E. Anderson, del. tax . . . . .	60
C. Undin, del. tax . . . . .	60
S. B. Parrish, costs improvement Beech street . . . . .	10 15
W. Myers, pound stock sold . . . . .	116 50
W. Rennison, del. tax and interest . . . . .	2 15
R. L. Sabin, del. tax and interest . . . . .	124 20
S. B. Parrish, costs improvement Pacific street . . . . .	12 00
<i>Amount carried forward</i> . . . . .	\$165,916 07

<i>Amount brought forward</i> . . . . .	\$165,916 07
S. B. Parrish, costs sewer Q street . . . . .	3 00
S. B. Parrish, costs widening Clinton street . . . . .	39 20
S. B. Parrish, costs improvement S. 1st street . . . . .	3 00
S. B. Parrish, costs sewer Mississippi avenue . . . . .	9 00
S. B. Parrish, costs improvement Beech street . . . . .	6 00
D. W. Hoelbing, del. tax . . . . .	21 60
M. M. Spaulding, del. tax . . . . .	101 10
F. L. Litherland, del. tax . . . . .	6 15
Willis Beck, costs improvement San Diego street . . . . .	3 00
F. M. Stout, del. tax . . . . .	1 01
T. A. Shane, del. tax . . . . .	1 50
C. Dorsey, del. tax . . . . .	9 37
Mary B. Henderson, del. tax . . . . .	3 35
A. Johnson, del. tax . . . . .	3 65
W. Myers, pound stock sold . . . . .	120 50
Title Guaranty Trust Co., del. tax . . . . .	1 70
W. Zachman, del. tax . . . . .	95
R. J. Holmes, del. tax . . . . .	20 88
O. E. Hintz, del. tax . . . . .	13 30
G. T. Donner, del. tax . . . . .	10 25
G. T. Donner, redemption tax . . . . .	7 53
A. Bauer, del. tax . . . . .	73
J. A. Haseltine, del. tax . . . . .	80
D. H. Harnett, del. tax . . . . .	25
Agnes W. Reid, del. tax . . . . .	115 55
C. L. Dickey, del. tax . . . . .	8 10
<i>Amount carried forward</i> . . . . .	\$166,427 54

<i>Amount brought forward</i> . . . . .	\$ 166,427 54	
W. R. Shirvier, del. tax . . . . .	11 88	
Annie M. Bancroft, del. tax . . . . .	16 50	
J. Fungi, del. tax . . . . .	5 40	
J. Corkish, del. tax . . . . .	90	
Transferred to—		
E. Portland water fund . . . . .	40,000 00	
Lamp fund . . . . .	15,000 00	
Street cleaning and sprinkling fund . . . . .	10,000 00	
Wood street extension . . . . .	774 30	
Sewer fund . . . . .	20 82	
Warrants paid and returned . . . . .	40,238 10	
Balance on hand . . . . .	60,429 00	
	<u>\$166,462. 22</u>	<u>\$166,462 22</u>

## FIRE DEPARTMENT FUND.

Balance per report March 31, 1892 . \$	\$ 99,872 31	
Received from—		
C. Hutchins, for 6 exempt cert's	12 00	
C. Hutchins, 1 exempt certificate	2 00	
Money refunded on repairs to truck, . . . . .	9 50	
Warrants paid and returned . . . . .	40,314 83	
Balance on hand . . . . .	59,580 98	
	<u>\$ 99,895 81</u>	<u>\$ 99,895 81</u>

## POLICE DEPARTMENT FUND.

Balance per report March 31, 1892 . \$	\$ 90,426 36	
Warrants paid and returned . . . . .	24,782 75	
Balance on hand . . . . .	65,643 61	
	<u>\$ 90,426 36</u>	<u>\$ 90,426 36</u>

## STREET CLEANING AND SPRINKLING FUND.

Balance per report March 31, 1892 . \$	\$ 7,390 13	
Transferred from general fund . . . . .	10,000 00	
Warrants paid and returned . . . . .	10,680 82	
Balance on hand . . . . .	6,709 31	
	<u>\$ 17,390 13</u>	<u>\$ 17,390 13</u>

## STREET IMPROVEMENT FUND.

Balance per report March 31, 1892 . \$	\$ 17,823 02½	
Received from sundry collections . . . . .	20,983 71	
Warrants paid and returned . . . . .	22,855 68	
Balance on hand . . . . .	15,951 05½	
	<u>\$ 38,806 73½</u>	<u>\$ 38,806 73½</u>

## SEWER FUND.

Balance per report March 31, 1892 . \$	\$ 16,063 91	
Received from sundry collections . . . . .	55,050 58	
Transferred from general fund . . . . .	20 82	
Warrants paid and returned . . . . .	65,795 89	
Balance on hand . . . . .	5,339 52	
	<u>\$ 71,135 41</u>	<u>\$ 71,135 41</u>

## STREET EXTENSION FUND.

Balance per report March 31, 1892 . \$	\$ 7,968 70½	
Transferred from general fund . . . . .	774 30	
Received from sundry collections . . . . .	4,673 77	
Warrants paid and returned . . . . .	3,000 12	
Balance on hand . . . . .	10,416 65½	
	<u>\$ 13,416 77½</u>	<u>\$ 13,416 77½</u>



BONDED INDEBTEDNESS, INTEREST FUND—CONSOLIDATED  
PORTLAND.

Balance per report March 31, 1892 . . . . .	\$	62,375 77	
Coupons paid in New York and ret'd . . . . .	3,825 00		
Coupons paid in Portland and ret'd . . . . .	1,187 50		
Balance on hand . . . . .	46,293 27		
Balance in New York . . . . .	11,070 00		
	\$	62,375 77	\$ 62,375 77

## STREET LAMP FUND.

Balance per report March 31, 1892 . . . . .	\$	3,918 35	
Transferred from general fund . . . . .	15,000 00		
Warrants paid and returned . . . . .	17,015 11		
Balance on hand . . . . .	1,903 24		
	\$	18,918 35	\$ 18,918 35

## BONDED INDEBTEDNESS, INTEREST FUND—EAST PORTLAND

Balance in New York, per report Mch. 31, 1892 . . . . .	\$	450 00	
Coupons paid in New York and ret'd . . . . .	450 00		
	\$	450 00	\$ 450 00

## WILLAMETTE RIVER FUND.

Balance per report March 31, 1892 . . . . .	\$	98 81	
Warrants paid and returned . . . . .	7 20		
Balance on hand . . . . .	91 61		
	\$	98 81	\$ 98 81

## WATER BOND INTEREST FUND.

Balance per report March 31, 1892 . . . . .	\$	25 00	
Received of City Water Committee . . . . .	17,500 00		
Balance on hand . . . . .	\$ 17,525 00		
	\$	17,525 00	\$ 17,525 00

## STREET AND SEWER INTEREST FUND.

Balance per report March 31, 1892 . . . . .	\$	783 29	
Received from sundry collections . . . . .	177 99		
Warrants paid and returned . . . . .	\$ 56 19		
Balance on hand . . . . .	905 09		
	\$	961 28	\$ 961 28

## EAST SIDE WATER EXPENSE FUND.

Balance per report March 31, 1892 . . . . .	\$	214 56	
Received from Walter Johnson, act. . . . .	3,467 90		
Warrants paid and returned . . . . .	\$ 2,738 27		
Balance on hand . . . . .	944 19		
	\$	3,682 46	\$ 3,682 46

## FIRE BADGE REDEMPTION FUND.

Balance per report March 31, 1892 . . . . .	\$	78 00	
Balance on hand . . . . .	\$ 78 00		
	\$	78 00	\$ 78 00

## WATER FUND—EAST PORTLAND.

Balance per report March 31, 1892 . . . . .	\$	1,176 48	
Transferred from general fund . . . . .	40,000 00		
Warrants paid and returned . . . . .	\$ 3,695 72		
Balance on hand . . . . .	37,480 76		
	\$	41,176 48	\$ 41,176 48

## BOULEVARD FUND.

Balance per report March 31, 1892 . . . . .	\$	6,584 14	
Balance on hand . . . . .	\$ 6,584 14		
	\$	6,584 14	\$ 6,584 14

## GENERAL SUMMARY.

Balance on hand as stated . . . . .	\$335,875 42 <sup>5</sup> / <sub>8</sub>
Balance in New York . . . . .	11,070 00
Credited as follows—	
General fund . . . . .	\$ 60,429 00
Fire Department fund . . . . .	59,580 98
Police Department fund . . . . .	65,643 61
Street cleaing and sprinkling fund . . . . .	6,709 31
Street improvement fund . . . . .	15,951 05 <sup>1</sup> / <sub>2</sub>
Sewer fund . . . . .	5,339 52
Street extension fund . . . . .	10,416 65 <sup>1</sup> / <sub>2</sub>
Bonded indebtedness interest (on hand) . . . . .	46,293 27
Bonded indebtedness interest (in New York) . . . . .	11,070 00
Street lamp fund . . . . .	1,903 24
Willamette river fund . . . . .	91 61
Water bond interest fund . . . . .	17,525 00
Street and sewer interest fund . . . . .	905 09
East Side water expense fund . . . . .	944 19
Fire badge redemption fund . . . . .	78 00
East Portland water fund . . . . .	37,480 76
Boulevard fund . . . . .	6,584 14
	<hr/>
	\$346,945 42 <sup>5</sup> / <sub>8</sub> \$346,945 42 <sup>5</sup> / <sub>8</sub>

## STREET IMPROVEMENT FUND.

Balance in this fund as stated . . . . .	\$ 15,951 05 <sup>1</sup> / <sub>2</sub>
Credited as follows—	
5th street, Stephens to Adams . . . . .	58 13
N street, 5th to 20th . . . . .	55 35
15th street, D to J . . . . .	2 09
A street, 6th to 1st . . . . .	44 46
	<hr/>
<i>Amounts carried forward</i> . . . . .	\$ 15,951 05 <sup>1</sup> / <sub>2</sub> \$ 160 03

<i>Amounts brought forward</i> . . . . .	\$ 15,951 05 <sup>1</sup> / <sub>2</sub> \$ 160 03
M street, 4th to 12th . . . . .	43 16
Williams street, N. boundary of E. Portland to Cherry . . . . .	81 38
Clinton street, 12th to 21st . . . . .	62 73
18th street, Clinton to Powell valley road . . . . .	42 30
Williams avenue, Grant to Going R street, N. 18th to N. Front . . . . .	279 33
Chapman street, Jefferson to Taylor . . . . .	186 75
N. 14th street, B to U . . . . .	35 05
S. Front street, Gaines to 1st ave. Hood street . . . . .	3 92
Taylor street, 10th to 14th . . . . .	18 55
N. 18th street, M to Sherlock's addition . . . . .	14 64
Whitaker street . . . . .	1 41
S. 2d street . . . . .	27 67
12th street . . . . .	12 46
Clifton street . . . . .	405 54
Kelly street, Grover to Abernethy Curry street, 12th to Multnomah 10th street, Yamhill to College . . . . .	71 16
Gaines street . . . . .	39 40
Columbia street, 8th to 11th . . . . .	11 40
Caruthers street, Hood to 6th . . . . .	37 75
N. Front street . . . . .	69 97
N street, 16th to N. Front . . . . .	112 70
Wood street, Front to 4th . . . . .	5 25
Grover street, Hood to Front . . . . .	21 23
Front street, Ash to Madison . . . . .	11 03
L street, 19th to 22d . . . . .	131 91
	68 07
	9 44
	1 92
	18 96
	<hr/>
<i>Amounts carried forward</i> . . . . .	\$ 15,951 05 <sup>1</sup> / <sub>2</sub> \$ 1,985 11

<i>Amounts brought forward</i> . . .	\$ 15,951 05 <sup>1</sup> / <sub>2</sub>	\$ 1,985 11
Mill street, Front to Water . . .	12 82	
H street, 22d to 21st . . . . .	83 65	
11th street, Hall to Montgomery	5 24	
3d avenue, Corbett to Illinois . .	30 37	
13th street, College to Hawthorne	145 41	
N. 20th street, L to Sherlock ave.	7 79	
W. Main street, Chapman to Stout	3 25	
5th street, N. boundary of E.		
Portland to A street . . . . .	35 <sup>1</sup> / <sub>2</sub>	
5th street, Oak to D . . . . .	72 07	
Sellwood street, Helm to Williams		
avenue . . . . .	211 25	
5th street, K to Ellsworth . . . .	577 00 <sup>1</sup> / <sub>2</sub>	
Myrtle street, 13th to 19th . . . .	349 14	
13th street, D to J . . . . .	16 30	
Beech street, Margaretta to Miss-		
issippi Ave . . . . .	08	
Page street, Williams avenue to		
Gaines avenue . . . . .	08	
Columbia street, 13th to 14th . .	1 50	
H street, 13th to 18th . . . . .	29 94	
17th street, Spring to Carter . . .	7 28	
F street, Multnomah to Killings-		
worth avenue . . . . .	1 20	
Cherry street, 1st to 6th . . . . .	50 26	
16th street, Jackson to Spring . .	165 48	
San Diego street . . . . .	101 65	
G street, East to West End . . . .	162 33	
Spring street, Lownsdale to 15th	345 22	
N. 16th street, G to bridge near M	116 40	
N. 17th street, M to P . . . . .	7 69	
B street, 22d to Green property . .	3 75	
<i>Amounts carried forward</i> . . .	\$ 15,951 05 <sup>1</sup> / <sub>2</sub>	\$ 4,492 62

<i>Amounts brought forward</i> . . .	\$ 15,951 05 <sup>1</sup> / <sub>2</sub>	\$ 4,492 62
Washington street, 2d to B . . . .	67 45	
C street, 2d to Cherry . . . . .	237 66	
Elliott street, Helm to Williams		
avenue . . . . .	366 72	
9th street, D to L . . . . .	10 <sup>1</sup> / <sub>2</sub>	
Baker street, 3d to 4th . . . . .	3 50	
Goldsmith street, Russell to Mit-		
chell . . . . .	8 07	
3d street, N. boundary of city to		
Maple . . . . .	343 51	
N. 17th street, G to S . . . . .	297 19	
Porter street, Hood to 2d . . . . .	211 73	
1st street, Salmon to Madison . . .	5 75	
N. 22d street, J to P . . . . .	195 77	
L street, 21st to 22d . . . . .	3 75	
E. 1/2 1st street . . . . .	2 00	
14th street, Myrtle to Elizabeth	48 28	
H street, East to West End . . . .	73 40	
Pacific street, Maple to 12th . . .	2,896 01	
Laurel street, 13th to W. line		
blocks 77 and 88 . . . . .	222 46	
15th street, Morrison to B . . . . .	1 75	
S. 1st street, 1st to 2d avenue . .	72 10	
Morrison street, 1st to 9th . . . .	1 00	
15th street, Halsey to N. bound-		
ary of E. Portland . . . . .	3 47	
H street, 22d to 23d . . . . .	62 97	
S. 2d street, Sheridan to Bridge . .	1 00	
N. 18th street, B to F . . . . .	7 50	
18th street, Spring to Clifton . . .	288 29	
Elm street, 15th to West End . . .	400 96	
<i>Amounts carried forward</i> . . .	\$ 15,951 05 <sup>1</sup> / <sub>2</sub>	\$ 10,315 01 <sup>1</sup> / <sub>2</sub>

<i>Amounts brought forward</i> . . .	\$ 15,951 05½	\$ 10,315 01½
I street, 20th to 22d . . . . .	29	86
Alder street, 5th to 15th . . . .	1,270	78
G street, Front to W. line blocks 280 and 281 . . . . .	1	43
N. 23d street, F to J . . . . .	47	29
Missouri avenue, Multnomah to Grant . . . . .	1,891	35
Delay street, Russell to Goldsmith	24	97
G street, 3d to W. Park . . . . .	23	15
Salmon street, Ford to City Park	615	69
N. E. Park . . . . .	1	25
Multnomah street, Grover to Curry . . . . .	1,027	93
Corbett street, 2d avenue to Lane	153	57
S. 1st street, 3d to 4th avenue .	180	50
Borthwick street . . . . .	55	65
8th street, Tillamook to Oregon	302	02
Jackson street, 15th to Smith . .	5	80
Clay street, 4th to E. boundary of E. Portland . . . . .	4	80
	<u>\$ 15,951 05½</u>	<u>\$ 15,951 05½</u>

## SEWER FUND.

Balance in this fund as stated . . .	\$ 5,339 52
Credited as follows—	
Johnson creek . . . . .	\$ 57 00
15th street, Market to 14th . . .	263 28
S. Fourth street . . . . .	12 69
N. 9th street . . . . .	39 30
P street . . . . .	443 33
Ella street . . . . .	19 58
<i>Amounts carried forward</i> . . .	<u>\$ 5,339 52</u> <u>\$ 835 18</u>

<i>Amounts brought forward</i> . . .	\$ 5,339 52	\$ 835 18
L street, 20th to 22d . . . . .	161	90
Clay street, 14th to 15th . . . . .	21	40
M street, 17th to 20th . . . . .	60	98
13th and Jefferson streets . . . .		87
13th street, Montgomery to Mar- ket . . . . .	44	50
Margaretta avenue, Morris to Rus- sell . . . . .	64	68
9th street, College to Jackson . .	50	60
I street, 100 ft. W. 22d to 23 . .	40	32
N. 20th street, B to F . . . . .	7	00
N. 8th street, H to I . . . . .	108	92
Chapman street, 85 ft. N. of Mad- ison to Tanner Creek . . . . .	75	00
11th street, Montgomery to Mar- ket . . . . .	75	00
Knott street, 125 feet W. of Mar- garetta avenue to Rodney ave . .		06
Front and S. Front streets . . . .	40	60
T, N. 14th and U streets . . . . .	134	60
H street, 100 ft. W. of 22d to 23d	25	00
Clay street, 3d to 6th . . . . .	30	79
Sellwood street, 70 ft. W. of Rod- ney avenue to Williams avenue . .	19	45
Vancouver avenue, Elliott to Rus- sell . . . . .	56	98
Columbia street, 12th to 14th . . .	17	10
T street . . . . .	9	20
Knott street, 180 ft. E. of Van- couver avenue to Vancouver ave . .	119	12
W. Main street . . . . .	87	73
<i>Amounts carried forward</i> . . .	<u>\$ 5,339 52</u>	<u>\$ 2,086 98</u>

<i>Amounts brought forward</i> . . . . .	\$ 5,339 52	\$ 2,086 98
Q street . . . . .	678 17	
Chapman street, W. Main to Tanner creek . . . . .	54 43	
Mississippi avenue, Morris to Russell . . . . .	168 73	
R street, 20th to 250 ft. W. of 28th . . . . .	5 40	
Stout street, Jefferson to a point between Main and Madison . . . . .	23 51	
Mitchell street, Russell to Morris . . . . .	20 96	
Elliott street, 100 ft. W. of Williams to Vancouver avenue . . . . .	56 00	
Sellwood street, opp. N. W. cor. lot 5, block 15, to Margaretta avenue . . . . .	3 00	
Tanner creek . . . . .	443 98	
M street, 22d to 23d . . . . .	171 36	
N, 13th and D streets . . . . .	189 16	
Chapman street, Stark to Russell . . . . .	32 70	
Elliott street . . . . .	290 20	
Overton street . . . . .	1,114 94	
	<u>\$ 5,339 52</u>	<u>\$ 5,339 52</u>

## STREET EXTENSION FUND.

Balance in this fund as stated . . . . \$ 10,416 65<sup>1</sup>/<sub>2</sub>

Credited as follows—

Russell street . . . . .	135 50
B street . . . . .	5 00
V street . . . . .	472 50
Heights Terrace . . . . .	375 00
W street . . . . .	671 00
<i>Amounts carried forward</i> . . . . .	<u>\$ 10,416 65<sup>1</sup>/<sub>2</sub></u>
	\$ 1,659 00

<i>Amounts brought forward</i> . . . . .	\$ 10,416 65 <sup>1</sup> / <sub>2</sub>	\$ 1,659 00
X street . . . . .	138 00	
L street . . . . .	5,189 70	
S. 6th . . . . .	60 00	
Clinton street . . . . .	14 00	
4th street . . . . .	495 83 <sup>1</sup> / <sub>2</sub>	
8th street . . . . .	72 00	
R street . . . . .	142 35	
S. 5th street . . . . .	690 86	
D street . . . . .	144 00	
Woods street . . . . .	01	
11th street . . . . .	339 55	
9th street . . . . .	394 80	
5th street . . . . .	546 55	
24th street . . . . .	410 00	
Vancouver avenue . . . . .	120 00	
	<u>\$ 10,416 65<sup>1</sup>/<sub>2</sub></u>	<u>\$ 10,416 65<sup>1</sup>/<sub>2</sub></u>

All of which is respectfully submitted,

FRANK HACHENEY,

*City Treasurer.*

THIRD QUARTERLY REPORT  
 —OF—  
 FRANK HACHENEY, CITY TREASURER,  
 —FOR—  
 QUARTER ENDING SEPTEMBER 30TH, 1892.

---

Balance per report June 30, 1892 . . . \$	\$335,875 42 <sup>5</sup> / <sub>8</sub>
Balance in New York, per report June 30, 1892 . . . . .	11,070 00
There has been rec'd from all sources	205,567 58
There has been disbursed in Portland the sum of . . . . .	295,823 32
Interest coupons paid in New York and returned . . . . .	9,390 00
Leaving a balance in the Treasury of .	245,319 68 <sup>5</sup> / <sub>8</sub>
Balance in New York to redeem interest coupons . . . . .	1,980 00
	\$552,513 00 <sup>5</sup> / <sub>8</sub> \$552,513 00 <sup>5</sup> / <sub>8</sub>

GENERAL FUND.

Balance per report June 30, 1892 . . . \$	\$ 60,429 00
Received from—	
General licenses . . . . .	47,951 30
Dog licenses . . . . .	1,883 50
C. H. Carey, Police Judge, fines and costs Police Court . . . . .	1,669 00
<i>Amount carried forward</i> . . . . .	\$111,932 80

<i>Amount brought forward</i> . . . . .	\$111,932 80
S. B. Parrish, costs improvement Spring street . . . . .	13 97
W. Myers, pound stock sold and redeemed . . . . .	237 00
S. B. Parrish, costs improvement I street . . . . .	3 00
S. B. Parrish, costs sewer R street Portland Trust Co., del. tax . . .	1 50 28 95
S. B. Parrish, costs improvement Alder street . . . . .	1 50
Elijah Williams, del. tax . . . .	5 75
S. B. Parrish, costs sewer Elliott street . . . . .	12 00
D. S. Hutchins, burying horse . .	3 00
R. L. Durham, del. tax . . . . .	1 75
R. L. Durham, del. tax . . . . .	1 85
J. R. Bryson, del. tax . . . . .	50
J. R. Bryson, del. tax . . . . .	50
D. F. Sherman, del. tax . . . . .	1 60
Hannah Smith, del. tax . . . . .	6 50
S. Mathison, del. tax . . . . .	4 25
A. W. Cauthorn, del. tax . . . . .	55
L. M. Parrish, del. tax . . . . .	1 35
S. B. Parrish, costs improvement N. 20th street . . . . .	1 50
S. B. Parrish, costs improvement Porter street . . . . .	11 20
S. B. Parrish, costs improvement Grover street . . . . .	40 95
S. B. Parrish, costs improvement Alder street . . . . .	49 35
<i>Amount carried forward</i> . . . . .	\$112,361 32

<i>Amount brought forward</i> . . . . .	\$112,361 32
S. B. Parrish, costs extension 11th street . . . . .	1 50
S. B. Parrish, costs extension E. 9th street . . . . .	14 85
S. B. Parrish, costs improvement Alder street . . . . .	4 90
Susan J. Riegle, del. tax . . . . .	1 30
A. N. King, del. tax . . . . .	2 00
Hannah Peterson, del. tax . . . .	2 00
Esther A. Turner, del. tax . . . . .	14 80
Sol. Loan & Trust Co del. tax . . .	2 75
Jno. Haberthier, del. tax . . . . .	2 50
S. B. Parrish, del. tax . . . . .	27 30
Dr. Surman, del. tax . . . . .	19 65
Alliance Trust Co., del. tax . . . .	5 50
G. M. Stearns, del. tax . . . . .	10 50
W. H. Hawley, del. tax . . . . .	3 70
Union Planing Mills, del. tax . . .	21 65
H. O. Pearson, del. tax . . . . .	4 75
T. W. Claggett, del. tax . . . . .	8 65
B. W. Mattock & Co., del. tax . . .	7 40
Veronica Lind, del. tax . . . . .	2 50
A. W. Lambert, del. tax . . . . .	4 50
F. L. Letherland, del. tax . . . . .	12 75
J. Foulkes, del. tax . . . . .	3 50
Ladd & Tilton, del. tax . . . . .	5 50
James Lowne, del. tax . . . . .	1 50
E. W. Spencer, costs extension 9th street . . . . .	3 00
W. Myers, pound stock redeemed . .	136 50
McMaster & Birrell, del. tax . . .	11 35
<i>Amount carried forward</i> . . . . .	\$112,698 12

<i>Amount brought forward</i> . . . . .	\$112,698 12
T. Barker, del tax . . . . .	14 40
A. S. Foster, del. tax . . . . .	35 75
A. C. Shively, del. tax . . . . .	4 60
Piggott, by Watkins, del. tax . . . . .	8 15
J. O. Geldness, del. tax . . . . .	90
I. Geldness, del. tax . . . . .	1 30
S. B. Parrish, del. tax . . . . .	38 55
I. S. Hurst, del. tax . . . . .	7 65
S. B. Parrish, costs improvement roth street, Yamhill to Col. . . . .	16 40
A. Eklind, del. tax . . . . .	3 55
S. B. Parrish, costs extension 5th street . . . . .	6 00
Geo. F. Roth, del. tax . . . . .	1 50
Breyman & Sommerville, del. tax . . . . .	31 00
Schaffer & Conrad, del. tax . . . . .	9 75
Dun. Mtg. Co., by Wilson, del. tax . . . . .	7 25
G. S. Pershin, del. tax . . . . .	9 95
Fred Reno, del. tax . . . . .	2 10
J. E. Davis, del. tax . . . . .	3 05
E. W. Spencer, costs sewer N. 13th and D . . . . .	37 00
Grant W. Boyer, del. tax . . . . .	1 75
S. B. Parrish, costs sewer W. Main street . . . . .	4 50
S. B. Parrish, costs improvement N. 14th, B to U . . . . .	9 75
W. W. Thayer, del. tax . . . . .	2 00
M. J. Espey, del. tax . . . . .	25 00
E. Thompson, del. tax . . . . .	15 30
<i>Amount carried forward</i> . . . . .	\$112,995 27

<i>Amount brought forward</i> . . . . .	\$112,995 27
E. W. Spencer, costs improve- ment Alder street . . . . .	1 50
S. B. Parrish, del. tax . . . . .	9 45
Dora Malare, del. tax . . . . .	7 00
J. V. Marvin, del. tax . . . . .	75
E. W. Spencer, costs extension Hawthorne avenue . . . . .	7 50
Holt Wilson, del. tax . . . . .	7 40
James Shepard, del. tax . . . . .	2 85
N. Baum, del. tax . . . . .	9 90
J. L. Dunn, del. tax . . . . .	55
B. S. Grogg, del. tax . . . . .	90
W. Eshorn, del. tax . . . . .	2 65
W. O'Brien, del. tax . . . . .	14 25
J. B. Smith, del. tax . . . . .	2 30
E. Lund, del. tax . . . . .	1 75
Anna Ellingson, del. tax . . . . .	1 30
Mary Driscoll, del. tax . . . . .	8 50
A. Anderson, del. tax . . . . .	4 10
J. C. Thompson, del. tax . . . . .	13 50
F. H. Ramsey, del. tax . . . . .	10 70
W. R. Byrum del. tax . . . . .	1 30
J. P. Menefee, del. tax . . . . .	5 00
S. B. Parrish, costs sewer N. 13th and D . . . . .	15 10
E. J. Hill, del. tax . . . . .	2 55
Emma Malarkey, del. tax . . . . .	15 00
S. B. Parrish, costs improvement Myrtle street . . . . .	6 00
E. W. Spencer, costs improve- ment Michigan avenue . . . . .	7 61
<i>Amount carried forward</i> . . . . .	\$113,154 68



<i>Amount brought forward</i> . . . . .	\$113,154 68
E. W. Spencer, costs improvement 3d streets . . . . .	26 67
E. W. Spencer, costs sewer N. 13th and D . . . . .	3 00
D. W. Scars, del. tax . . . . .	15 45
E. C. Keyt, del. tax . . . . .	26 25
Albira Real Estate Association . . . . .	51 30
Albina Real Estate Association . . . . .	5 40
Albina Real Estate Association . . . . .	3 50
Carrie Jones . . . . .	5 50
J. W. and V. Cook, rent of steamer Louisa Vaughn . . . . .	205 00
W. Myers, pound stock sold . . . . .	133 00
J. R. Williams, del. tax . . . . .	74
Brown & Gray, del. tax . . . . .	17 87
P. Manceit, del. tax . . . . .	11 75
M. Lavid, del. tax . . . . .	3 75
W. Myers, pound stock sold . . . . .	23 00
S. B. Parrish, cost del. tax 1892 . . . . .	576 49
S. B. Parrish, 30 per cent. of \$15,324.05, del. tax 1892 . . . . .	4,597 22
C. J. McDougall, del. tax . . . . .	371 00
L. D. Brown, del. tax . . . . .	22 83
C. P. Hogue, del. tax . . . . .	1 20
C. J. McDougall, del. tax . . . . .	201 96
C. J. McDougall, del. tax . . . . .	124 00
J. C. Roberts, del. tax . . . . .	23 15
A. Wekedahl, del. tax . . . . .	1 85
J. M. Howard, del. tax . . . . .	3 25
D. O'Neil, del. tax . . . . .	1 00
Mary R. Fisher, del. tax . . . . .	7 50
H. H. Roth, del. tax . . . . .	1 85
<i>Amount carried forward</i> . . . . .	\$119,620 16

<i>Amount brought forward</i> . . . . .	\$119,620 16
E. W. Spencer, costs sewer Over-ton street . . . . .	12 00
E. W. Spencer, costs sewer Harding street . . . . .	3 00
M. E. Thompson, del. tax . . . . .	93
Soden & Spicer, del. tax . . . . .	43 55
John Gantenbein, del. tax . . . . .	26 50
C. Landiger, del. tax . . . . .	4 10
Dr. Hunter Wells, del. tax . . . . .	5 50
J. U. Smith, del. tax . . . . .	2 70
H. N. Weber, del. tax . . . . .	1 20
M. E. Thompson, del. tax . . . . .	93
E. W. Spencer, costs improvement 10th street . . . . .	3 00
E. W. Spencer, costs improvement H street . . . . .	1 50
E. W. Spencer, costs improvement 8th street . . . . .	3 00
E. W. Spencer, costs extension Clackamas street . . . . .	14 15
Mary H. Couch, costs sewer, N, 13th and D . . . . .	12 00
Thos. Hislop del. tax . . . . .	9 10
J. N. Cook, del. tax . . . . .	4 50
Van Rice, del. tax . . . . .	4 10
W. M. Smith, del. tax . . . . .	270 50
W. T. Branch, auditor and clerk, 3 copies ordinances sold . . . . .	7 50
E. W. Spencer, costs improvement 14th street . . . . .	16 74
E. W. Spencer, costs improvement Elliott street . . . . .	4 81
<i>Amount carried forward</i> . . . . .	\$120,071 47

<i>Amount brought forward</i> . . . . .	\$120,071 47
E. W. Spencer, costs improvement I street . . . . .	8 56
E. W. Spencer, costs improvement San Diego street . . . . .	4 46
E. W. Spencer, amount bid in excess of assessment on Missouri avenue . . . . .	3 00
E. W. Spencer, amount bid in excess of assessment on X street sewer . . . . .	12 29
E. W. Spencer, costs improvement Missouri avenue . . . . .	31 25
E. W. Spencer, costs X street sewer . . . . .	16 44
J. D. Wilcox, del. tax . . . . .	53 50
E. W. Spencer, costs improvement Corbett street . . . . .	6 00
E. W. Spencer, costs sewer, N, 13th and D . . . . .	107 25
E. W. Spencer, costs improvement Missouri avenue . . . . .	6 00
H. A. Moss, del. tax . . . . .	2 00
F. S. C. Krupke, del. tax . . . . .	13 05
Transferred to—	
Street lamp fund . . . . .	\$ 20,000 00
Street extension fund . . . . .	260 00
Street cleaning and sprinkling fund . . . . .	10,000 00
Bonds redeemed, and returned paid . . . . .	5,000 00
Warrants paid and returned . . . . .	44,803 76
Balance on hand . . . . .	40,271 51
	<hr/>
	\$120,335 27 \$120,335 27

## FIRE DEPARTMENT FUND.

Balance per report June 30, 1892 . . . . .	\$ 59,580 98
Received from—	
C. A. Freeman, secretary, for 50 ft. hose damaged by S. P. R. Co . . . . .	57 50
S. B. Parrish, 30 per cent. of \$15,-324.05 del. tax, 1892 . . . . .	4,597 21
C. A. Freeman for 1232 pounds scrap iron . . . . .	9 25
Warrants paid and returned . . . . .	\$ 32,238 02
Balance on hand . . . . .	32,006 92
	<hr/>
	\$ 64,244 94 \$ 64,244 94

## POLICE DEPARTMENT FUND.

Balance per report June 30, 1892 . . . . .	\$ 65,643 61
Received from—	
S. B. Parrish, 25 per cent. of \$15,-324.05, del. tax 1892 . . . . .	3,831 01
E. W. Spencer, sale of old lumber . . . . .	1 00
Warrants paid and returned . . . . .	\$ 28,631 94
Balance on hand . . . . .	40,843 68
	<hr/>
	\$ 69,475 62 \$ 69,475 62

## STREET CLEANING AND SPRINKLING FUND.

Balance per report June 30, 1892 . . . . .	\$ 6,709 31
Transferred from general fund . . . . .	10,000 00
Warrants paid and returned . . . . .	\$ 13,294 35
Balance on hand . . . . .	3,414 96
	<hr/>
	\$ 16,709 31 \$ 16,709 31

## STREET IMPROVEMENT FUND.

Balance per report June 30, 1892 . . . . .	\$ 15,951 05 <sup>1</sup>	
Received from sundry collections . . . . .	105,241 91	
Warrants paid and returned . . . . .	\$ 92,232 72	
Balance on hand . . . . .	28,960 24 <sup>1</sup>	
	<u>\$121,192 96<sup>1</sup></u>	<u>\$121,192 96<sup>1</sup></u>

## SEWER FUND.

Balance per report June 30, 1892 . . . . .	\$ 5,339 52	
Received from sundry collections . . . . .	16,873 14	
Warrants paid and returned . . . . .	\$ 16,622 29	
Balance on hand . . . . .	5,590 37	
	<u>\$ 22,212 66</u>	<u>\$ 22,212 66</u>

## STREET EXTENSION FUND.

Balance per report June 30, 1892 . . . . .	\$ 10,416 65 <sup>1</sup>	
Transferred from general fund . . . . .	260 00	
Received from sundry collections . . . . .	7,473 50	
Warrants paid and returned . . . . .	\$ 13,847 19	
Balance on hand . . . . .	4,302 96 <sup>1</sup>	
	<u>\$ 18,150 15<sup>1</sup></u>	<u>\$ 18,150 15<sup>1</sup></u>

## BONDED INDEBTEDNESS INTEREST FUND.

Balance per report June 30, 1892 . . . . .	\$ 46,293 27	
Balance in New York . . . . .	11,070 00	
Received of S. B. Parrish, 15 per cent. of \$15,324.05, del. tax, 1892 . . . . .	2,298 61	
Coupons paid and returned, New York	\$ 9,390 00	
Coupons paid and returned, Portland	5,125 00	
Warrants paid and returned . . . . .	5 00	
Balance on hand . . . . .	43,161 88	
Balance in New York . . . . .	1,980 00	
	<u>\$ 59,661 88</u>	<u>\$ 59,661 88</u>

## STREET LAMP FUND.

Balance per report June 30, 1892 . . . . .	\$ 1,903 24	
Transferred from general fund . . . . .	20,000 00	
Received from Walter Johnson . . . . .	30 95	
Warrants paid and returned . . . . .	\$ 16,884 48	
Balance on hand . . . . .	5,049 71	
	<u>\$ 21,934 19</u>	<u>\$ 21,934 19</u>

## WILLAMETTE RIVER FUND.

Balance per report June 30, 1892 . . . . .	\$ 91 61	
Balance on hand . . . . .	\$ 91 61	
	<u>\$ 91 61</u>	<u>\$ 91 61</u>

## WATER BOND INTEREST FUND.

Balance per report June 30, 1892 . . . . .	\$ 17,525 00	
Coupons paid and returned . . . . .	\$ 16,200 00	
Balance on hand . . . . .	1,325 00	
	<u>\$ 17,525 00</u>	<u>\$ 17,525 00</u>

## STREET AND SEWER INTEREST FUND.

Balance per report June 30, 1892 . . . . .	\$ 905 09	
Received from sundry collections . . . . .	469 43	
Warrants paid and returned . . . . .	\$ 110 64	
Balance on hand . . . . .	1,263 88	
	<u>\$ 1,374 52</u>	<u>\$ 1,374 52</u>

## EAST SIDE WATER EXPENSE FUND.

Balance per report June 30, 1892 . . . . .	\$	944	19
Received from Walter Johnson for water rates . . . . .		4,777	80
Warrants paid and returned . . . . .	\$	2,655	77
Balance on hand . . . . .		3,066	22
	\$	5,721	99
	\$	5,721	99

## FIRE BADGE REDEMPTION FUND.

Balance on hand per report June 30, 1892 . . . . .	\$	78	00
Balance on hand . . . . .	\$	78	00
	\$	78	00
	\$	78	00

## EAST PORTLAND WATER FUND.

Balance per report June 30, 1892 . . . . .	\$	37,480	76
Warrants paid and returned . . . . .	\$	7,816	79
Balance on hand . . . . .		29,663	97
	\$	37,480	76
	\$	37,480	76

## BOULEVARD FUND—ALBINA.

Balance per report June 30, 1892 . . . . .	\$	6,584	14
Warrants paid and returned . . . . .	\$	355	37
Balance an hand . . . . .		6,228	77
	\$	6,584	14
	\$	6,584	14

## GENERAL SUMMARY.

Balance on hand as stated . . . . .	\$245,319	68 <sup>5</sup> / <sub>8</sub>
Balance in New York . . . . .	1,980	00
Credited as follows—		
General fund . . . . .	\$	40,271 51
Fire Department fund . . . . .		32,006 92
Police Department fund . . . . .		40,843 68
Street cleaning and sprinkling fund . . . . .		3,414 96
Street improvement fund . . . . .		28,960 24 <sup>1</sup> / <sub>2</sub>
Sewer fund . . . . .		5,590 37
Street extension fund . . . . .		4,302 96 <sup>1</sup> / <sub>2</sub>
Bonded indebtedness interest, Portland . . . . .		43,161 88
Bonded indebtedness interest, New York . . . . .		1,980 00
Street lamp fund . . . . .		5,049 71
Willamette river fund . . . . .		91 61
Water bond interest fund . . . . .		1,325 00
Street and sewer interest fund . . . . .		1,263 88
East Side water expense fund . . . . .		3,066 22
Fire badge redemption fund . . . . .		78 00
Water fund . . . . .		29,663 97
Boulevard fund . . . . .		6,228 77
	\$247,299	68 <sup>5</sup> / <sub>8</sub>
	\$247,299	68 <sup>5</sup> / <sub>8</sub>

## STREET IMPROVEMENT FUND.

Balance in this fund as stated . . . .	\$ 28,960 24½
Credited as follows—	
5th street, Stephens to Adams . . . .	\$ 58 13
N street, 5th to 20th . . . . .	55 35
15th street, D to J . . . . .	2 09
A street, 6th to 1st . . . . .	44 46
M street, 4th to 12th . . . . .	43 16
Williams street, N. boundary of E. Portland to Cherry street . . . .	26
Clinton street, 12th to 21st . . . .	62 73
18th street, Clinton to Powell val- ley road . . . . .	42 30
Williams avenue, Grant to Going	279 33
R street, N. 18th to N. Front . . . .	186 75
Chapman street . . . . .	35 05
N. 14th street, B to U . . . . .	469 67
S. Front street, Gaines to 1st ave	18 55
Hood street . . . . .	14 64
Taylor street, 10th to 14th . . . .	1 41
N. 18th street, M to Sherlock ave	27 67
Whitaker street . . . . .	12 46
S. 2d street . . . . .	405 54
12th street . . . . .	71 16
Clifton street . . . . .	39 40
Kelly street, Grover to Abernethy	11 40
Curry street, 2d avenue to Mult- nomah . . . . .	9 67
10th street, Yamhill to College . . . .	62 57
Gaines street . . . . .	112 70
N. 21st street, J to Springville county road . . . . .	15 87
Columbia street, 8th to 11th . . . .	5 25
<i>Amounts carried forward</i> . . . .	\$ 28,960 24½ \$ 2,087 57

<i>Amounts brought forward</i> . . . .	\$ 28,960 24½ \$ 2,087 57
Caruthers street, Hood to 6th . . . .	21 23
N. Front street, F to boneyard . . . .	1 51
N street, 16th to N. Front . . . . .	131 91
Wood street, Front to 4th . . . . .	68 07
Grover street, Hood to Front . . . . .	9 23
Front street, Ash to Madison . . . .	1 92
L street, 19th to 22d . . . . .	18 96
Mill street, Front to Water . . . . .	12 82
11th street, Montgomery to Hall	5 24
3d avenue, Corbett to Illinois . . . .	7 50
13th street, College to Hawthorne . .	145 41
N. 20th street, L to Sherlock ave	4 97
Clay street, 4th to E. boundary of E. Portland . . . . .	4 80
W. Main street, Chapman to Stout	3 25
5th street, Oak to D . . . . .	35
5th street, N. boundary of E. Portland to A . . . . .	35
Sellwood street, Helm to Will- iams ave . . . . .	211 25
5th street, K to Ellsworth . . . . .	402 81½
Myrtle street, 13th to 19th . . . .	135 64
13th street, D to J . . . . .	4 06
Page street, Williams to Gaines . . . .	08
Columbia street, 13th to 14th . . . .	1 50
H street, 13th to 18th . . . . .	29 94
17th street, Spring to Carter . . . .	7 28
F street, Multnomah to Killings- worth . . . . .	1 20
Cherry street, 1st to 6th . . . . .	53 11
16th street, Jackson to Spring . . . .	20 20
San Diego street . . . . .	10
<i>Amounts carried forward</i> . . . .	\$ 28,960 24½ \$ 3,392 27

<i>Amounts brought forward</i> . . .	\$ 28,960 24½	\$ 3,392 27
G street, east to west end . . .	162	33
Spring street, Lowndale to 15th	101	75
N. 16th street, G to bridge bet. M and N . . . . .	116	40
B street, 22d to Green property	3	75
Washington street, 2d to B . .	67	45
C street, 2d to Cherry . . . .	237	66
Elliott street, Helm to Williams avenue . . . . .	528	11
9th street, D to L . . . . .	10½	
Baker street, 3d to 4th . . . .	3	50
Goldsmith street, Russell to Mit- chell . . . . .	8	07
3d street, N. boundary of E. Port- land to Maple . . . . .	116	30
N. 17th street, G to S . . . . .	261	58
Porter street, Hood to 2d . . . .	31	63
1st street, Salmon to Madison . .	5	75
N. 22d street, J. to P . . . . .	108	58
L street, 21st to 22d . . . . .	3	75
E. ½ 1st street . . . . .	2	00
14th street, Myrtle to Elizabeth	277	45
H street, east to west end . . . .	77	72
Pacific street, Maple to 12th . .	26	25
Laurel street, 13th to W. line of blocks 77 and 88 . . . . .	22	05
15th street, Morrison to B . . . .	1	75
S. 1st street, 1st to 2d avenue . .	72	10
Morrison street, 1st to 9th . . . .	1	00
15th street, Halsey to N. bound- ary of E. Portland . . . . .	3	47
H street, 22d to 23d . . . . .	102	66
<i>Amounts carried forward</i> . . .	\$ 28,960 24½	\$ 5,735 43½

<i>Amounts brought forward</i> . . .	\$ 28,960 24½	\$ 5,735 43½
S. 2d street, Sheridan to bridge . .	1	00
N. 18th street, B to F . . . . .	7	50
18th street, Spring to Clifton . .	21	05
Elm street, 15th to west end . . .	85	17
I street, 20th to 22d . . . . .	102	70
Alder street, 5th to 15th . . . .	1,424	10
G street, Front to W. line blocks 280 and 281 . . . . .	1	43
N. 23d street, F to J . . . . .	48	04
Missouri avenue, Multnomah to Grant . . . . .	747	41
Delay street, Russell to Goldsmith	2	75
G street, 3d to W. Park . . . . .	13	74
Salmon street, Ford to Park . . . .	65	99
N. East Park street . . . . .	1	25
Multnomah street, Grover to Curry	9	10
Corbett street, 2d avenue to Lane	317	86
S. 1st street, 3d to 4th avenue . .	204	65
Borthwick street . . . . .	29	74
8th street, Oregon to Tillamook	753	37
Jackson street, 15th to Smith . . .	1	75
Irving street, 23d to 24th . . . .	210	03
H street, 5th to 8th . . . . .	1,247	54
Michigan avenue . . . . .	1,490	49
3d street, Main to Glisan . . . . .	83	66
Oregon street, 3d to 9th . . . . .	78	93
6th street, Clay to Salem . . . .	125	38
N. 18th street, M to T . . . . .	849	54
Laburnum avenue . . . . .	494	86
Davis street, Front to First . . . .	1	25
O street, Lab. to E. line Sun- side . . . . .	244	96
<i>Amounts carried forward</i> . . .	\$ 28,960 24½	\$ 14,400 67½

Amounts brought forward . . . \$ 28,960 24½ \$ 14,400 67½

Eugene street, Union avenue to E. 7th . . . . .	346 86
Russell street, Williams to Union Adams street, Pacific to Holladay E. 8th street, E. Flanders to Riv. Homestead . . . . .	463 83 2 00 9,607 72
Broadway . . . . .	88 35
Jackson street . . . . .	6 28
E. Glisan street . . . . .	612 10
Mississippi avenue, Russell to Skidmore . . . . .	963 72
E. Sacramento street . . . . .	127 30
E. 16th street, Holladay avenue to Belmont street . . . . .	2,052 74
Weidler street . . . . .	216 01
E. 12th street . . . . .	72 66
	<hr/>
	\$ 28,960 24½ \$ 28,960 24½

SEWER FUND.

Balance in this fund as stated . . . \$ 5,590 37 \$

Credited as follows:—

Johnson creek . . . . .	57 00
15th, Market and 14th streets . . .	263 28
S. 4th street . . . . .	100 19
N. 9th street . . . . .	39 30
P street . . . . .	443 33
Ella street . . . . .	19 58
L street, 20th to 22d . . . . .	161 90
Clay street, 14th to 15th . . . . .	21 40
M street, 17th to 20th . . . . .	60 98

Amounts carried forward . . . \$ 5,590 37 \$ 1,166 96

Amounts brought forward . . . \$ 5,590 37 \$ 1,166 96

13th and Jefferson . . . . .	87
13th street, Montgomery to Mar- ket . . . . .	44 50
Margaretta avenue . . . . .	64 68
9th street, College to Jackson . . .	50 60
I street, 100 feet W. of 22d to 23d . .	159 85
N. 20th street, B to F . . . . .	7 00
N. 8th street, H to I . . . . .	108 92
Chapman street, 85 feet N. of Mad. to Tanner creek . . . . .	75 00
11th street, Montgomery to Mar- ket . . . . .	75 00
Knott street, 125 feet W. Marg. to Rodney . . . . .	06
Front and S. Front street . . . . .	40 60
T street and N. 14th and U . . . . .	134 60
H street, 100 feet W. 22d to 23d . . .	25 00
Clay street, 3d to 6th . . . . .	30 79
Sellwood street, 70 feet W. Rod- ney to Williams avenue . . . . .	19 45
Vancouver avenue . . . . .	56 98
Columbia street, 12th to 14th . . . . .	17 10
T street . . . . .	9 20
Knott street, 180 feet E. of, to Vanc. avenue . . . . .	19 12
W. Main street . . . . .	164 20
Q street . . . . .	273 25
Chapman street . . . . .	54 43
Mississippi avenue . . . . .	168 73
R street, 20 feet to 200 feet W. of 28th . . . . .	24 00

Amounts carried forward . . . \$ 5,590 37 \$ 2,790 89

<i>Amounts brought forward</i> . . . \$	5,590 37	\$	2,790 89
Stout street, Jefferson to point bet. Main and Madison . . . . .	100 01		
Mitchell street, Russell to Morris	365 96		
Elliott street, 100 feet W. of Williams to Vancouver . . . . .	11 00		
Sellwood street, opp. N. W. cor. lot 5, block 15, to Marg . . . . .	235 00		
Tanner creek . . . . .	365 27		
M street, 22d to 23d . . . . .	49 00		
N. 13th and D streets . . . . .	773 21		
Chapman street, Stark to Russell	32 70		
Elliott street, 100 feet W. Vanc. to Borthwick . . . . .	113 20		
Overton street, 21st to 28th . . . . .	143 44		
Flint street . . . . .	40 00		
7th street, Glisan to Hoyt . . . . .	40 00		
6th street, Glisan to Hoyt . . . . .	40 00		
X street . . . . .	229 26		
Hoyt street, 8th to 9th . . . . .	73 08		
Pettygrove street . . . . .	71 85		
Savier street . . . . .	7 80		
Tanner creek (old) . . . . .	18 75		
Nartilla street . . . . .	11 10		
Twelfth and Market streets . . . . .	45 00		
Harding street . . . . .	33 85		
	<hr/>		
\$	5,590 37	\$	5,590 37

## STREET EXTENSION FUND.

Balance in this fund as stated . . . . .	\$	4,302 96 <sup>1</sup> / <sub>2</sub>
Credited as follows—		
Russell street . . . . .		135 50
B street . . . . .		5 00
V street . . . . .		472 50
Heights Terrace . . . . .		10 00
W street . . . . .		671 00
S. 6th street . . . . .		60 00
Fourth street . . . . .		403 33 <sup>1</sup> / <sub>2</sub>
R street, 18th to 21st . . . . .		70 20
S. 5th street . . . . .		367 02
D street . . . . .		144 00
Wood street . . . . .		01
11th street . . . . .		114 70
9th street . . . . .		159 75
5th street, K to U . . . . .		747 65
X street . . . . .		138 00
Vancouver avenue . . . . .		247 00
Q street . . . . .		60 00
Hawthorne avenue . . . . .		299 90
S. 5th street . . . . .		10 00
Cable street . . . . .		137 40
Harrison avenue . . . . .		50 00
	<hr/>	
	\$	4,302 96 <sup>1</sup> / <sub>2</sub> \$ 4,302 96 <sup>1</sup> / <sub>2</sub>

All of which is respectfully submitted,

FRANK HACHENEY,

*City Treasurer.*



FOURTH QUARTERLY REPORT  
 —OF—  
 FRANK HACHENEY, CITY TREASURER,  
 —FOR—  
 QUARTER ENDING DECEMBER 31ST, 1892.

Balance on hand per report September 30, 1892 . . . . .	\$245,319 68 <sup>3</sup> / <sub>4</sub>
Balance in New York per report September 30, 1892 . . . . .	1,980 00
There has been rec'd from all sources	199,236 64
There has been disbursed in Portland.	\$278,222 22 <sup>1</sup> / <sub>2</sub>
Interest coupons paid in New York and returned . . . . .	1,980 00
Balance in treasury . . . . .	158,534 10 <sup>1</sup> / <sub>2</sub>
Balance in New York to redeem interest coupons . . . . .	7,800 00
	\$446,536 32 <sup>5</sup> / <sub>8</sub> \$446,536 32 <sup>5</sup> / <sub>8</sub>

GENERAL FUND.

Balance per report Sept. 30, 1892 . . . . .	\$ 40,271 51
Received from—	
General licenses . . . . .	47,701 65
Dog licenses . . . . .	595 50
C. H. Carey, Police Judge, fines and costs Police Court . . . . .	6,108 00
T. J. Watson, del. tax . . . . .	19 50
W. L. Weatherd, del. tax . . . . .	2 48
<i>Amount carried forward</i> . . . . .	\$ 94,698 64

<i>Amount brought forward</i> . . . . .	\$ 94,698 64
E. W. Spencer, costs sewer N. 13th and D . . . . .	50 00
W. T. Branch, 1 copy city ordi- nances sold . . . . .	2 50
W. T. Branch, costs refunded in suit . . . . .	19 85
Alice R. Knott, del. tax . . . . .	4 00
W. Myers, pound fees . . . . .	184 50
Julius Heilbruner, del. tax . . . . .	5 65
W. Myers, pound fees . . . . .	2 00
E. W. Spencer, costs sewer N. 13th and D . . . . .	56 00
Alvin T. Smith, del. tax . . . . .	1 30
E. W. Spencer, costs sewer N. 13th and D . . . . .	62 00
E. Meyer, del. tax . . . . .	3 10
E. T. Murphy, del. tax . . . . .	3 00
V. B. DeLashmutt, del. tax . . . . .	78 40
S. P. Lee, costs improvement Cherry street . . . . .	1 50
C. W. Thrift, del. tax . . . . .	3 50
E. W. Spencer, costs sewer N. 13th and D . . . . .	4 00
E. W. Spencer, costs sewer Tan- ner creek . . . . .	37 04
S. B. Linthicum, del. tax . . . . .	10 70
Emma Jones, del. tax . . . . .	5 60
W. T. Branch, 1 copy ordinances sold . . . . .	2 50
G. M. Stearns, del. tax . . . . .	2 05
H. R. Gibbs . . . . .	18 75
<i>Amount carried forward</i> . . . . .	\$ 95,256 58

<i>Amount brought forward</i> . . . . .	\$ 95,256 58
James Gordon, del. tax . . . . .	90
E. W. Spencer, costs improvement I street . . . . .	6 08
W. T. Branch, 1 copy ordinances sold . . . . .	2 50
T. Huntington, del. tax . . . . .	51 80
L. L. McKeen, del. tax . . . . .	20 15
E. W. Spencer, costs street im- provement . . . . .	92 37
J. and F. A. Mason, del. tax . . . . .	13 65
W. T. Branch, 1 copy ordinances sold . . . . .	2 50
H. Wagnitsky, del. tax . . . . .	3 30
H. C. Hansen, del. tax . . . . .	1 30
A. Severson, del. tax . . . . .	1 30
E. W. Spencer, costs street im- provement . . . . .	16 78
W. T. Branch, 1 copy ordinances sold . . . . .	2 50
W. L. Boise, del. tax . . . . .	4 50
Jacob Haas, del. tax . . . . .	3 10
E. W. Spencer, costs sewer Tan- ner creek . . . . .	184 99
Jas. Anderson, del. tax . . . . .	74
J. Rindlaub, del. tax . . . . .	15
Geo. Hartness, del. tax . . . . .	49 54
W. T. Branch, 1 copy ordinances sold . . . . .	2 50
T. J. Watson, del. tax . . . . .	4 40
Wm. Pfunder, del. tax . . . . .	3 97
Pfunder & Watson, del. tax . . . . .	6 82
<i>Amount carried forward</i> . . . . .	\$ 95,732 42

<i>Amount brought forward</i> . . . . .	\$ 95,732 42
W. T. Branch, 1 copy ordinances sold . . . . .	2 50
E. W. Spencer, costs st. imp't . . . . .	7 50
W. Myers, pound fees . . . . .	134 50
L. B. Nelson, del. tax . . . . .	1 35
A. E. Borthwich, del. tax . . . . .	5 40
P. S. Savings Loan and Building Society . . . . .	2 60
W. T. Branch, 1 copy ordinances sold . . . . .	2 50
A. C. Gibbs, del. tax . . . . .	6 05
Julia Severson, del. tax . . . . .	10 42
W. T. Branch, 1 copy ordinances sold . . . . .	2 50
W. T. Branch, 1 copy ordinances sold . . . . .	2 50
H. J. Vincent, del. tax . . . . .	55
J. B. Pilkington, del. tax . . . . .	55 30
C. A. Nystrom, del. tax . . . . .	6 95
W. T. Branch . . . . .	4 00
E. W. Spencer, costs street im- provement . . . . .	4 00
W. T. Branch, 1 copy ordinances sold . . . . .	2 50
C. H. Hunt, costs improvement Laburnum avenue . . . . .	12 25
A. Anderson, del. tax . . . . .	1 75
J. J. Anderson, del. tax . . . . .	1 50
C. H. Hunt, costs sewer Mississippi avenue . . . . .	11 50
Title Guar. and T. Co., del. tax . . . . .	3 05
Title Guar. and T. Co., del. tax . . . . .	33
<i>Amount carried forward</i> . . . . .	\$ 96,013 92

<i>Amount brought forward</i> . . . . .	\$ 96,013 92
C. C. Cowing, del. tax . . . . .	13 70
D. H. Brown, del. tax . . . . .	10 90
C. H. Hunt, costs sewer 19th and Mill . . . . .	6 00
Title Guar. and T. Co., del. tax . . . . .	33
R. Corbett, del. tax . . . . .	19 15
C. H. Hunt, costs street improve- ment . . . . .	10 50
Jennie Estes, del. tax . . . . .	33 45
Levi Estes, del. tax . . . . .	21 60
J. Holm, del. tax . . . . .	80
C. H. Hunt, costs improvement Mississippi avenue . . . . .	3 00
Title Guar. and T. Co., del. tax . . . . .	15
C. H. Hunt, cost street improve- ment . . . . .	20 54
J. C. Moreland, del. tax . . . . .	1 50
Hannah Lardner, del. tax . . . . .	5 50
W. T. Branch, 1 copy ordinances sold . . . . .	2 50
J. Kenworthy, del. tax . . . . .	2 95
Atkinson, del. tax . . . . .	4 25
Jno. Russell, del. tax . . . . .	29 10
H. O. Walden, del. tax . . . . .	5 75
W. Myers, pound stock redeemed . . . . .	59 00
R. O'Brien, del. tax . . . . .	1 50
Sarah Besser, del. tax . . . . .	17 65
G. Koshnitzky, del. tax . . . . .	5 70
W. Myers, pound stock redeemed . . . . .	50 00
C. H. Hunt, costs extension Cable street . . . . .	1 50
<i>Amount carried forward</i> . . . . .	\$ 96,340 94

<i>Amount brought forward</i> . . . . .	\$ 96,340 94
C. H. Hunt, costs sewer Holladay avenue . . . . .	4 50
G. W. Ross, pound stock sold . . . . .	10 50
C. H. Hunt, costs sewer Nartilla street . . . . .	2 90
W. S. M. L. & M. Co . . . . .	67 65
C. H. Hunt, costs Mississippi avenue sewer . . . . .	6 68
F. J. Bailey, del. tax . . . . .	18 20
Investment Co., del. tax . . . . .	150 00
L. Besser, del. tax . . . . .	11 10
C. H. Hunt, costs street imp't . . . . .	21 00
C. Bomberger, 2 horses sold . . . . .	20 00
Mary Wetmore, del. tax . . . . .	13 50
C. H. Hunt, costs improvement Weidler street . . . . .	10 50
C. E. Allen, del. tax . . . . .	3 00
Mary E. Rounds, del. tax . . . . .	1 85
M. E. Thompson, del. tax . . . . .	3 50
Transferred from—	
Street improvement fund . . . . .	893 17 $\frac{1}{2}$
Sewer fund . . . . .	2,434 43
Street extension fund . . . . .	5 00
Bonded indebtedness int. fund . . . . .	10,000 00
Transferred to—	
Street cleaning and sprinkling fund . . . . .	14,000 00
Street improvement fund . . . . .	26 23
Street lamp fund . . . . .	12,500 00
Police department fund . . . . .	4,000 00
Fire department fund . . . . .	11,400 00
Warrants paid and returned . . . . .	48,991 97
Balance on hand . . . . .	19,100 22 $\frac{1}{2}$

\$110,018 42 $\frac{1}{2}$  \$110,018 42 $\frac{1}{2}$

## FIRE DEPARTMENT FUND.

Balance per report Sept. 30, 1892 . \$	\$ 32,006 92
Received from—	
W. T. Branch, to correct long standing error . . . . .	53
C. A. Freeman, two exempt certificates . . . . .	4 00
C. A. Freeman, hose couplings sold . . . . .	12 00
Transferred from general fund . . . . .	11,400 00
Warrants paid and returned . . . . .	29,974 17
Balance on hand . . . . .	13,449 28
	<hr/>
	\$ 43,423 45 \$ 43,423 45

## POLICE DEPARTMENT FUND.

Balance per report Sept. 30, 1892 . \$	\$ 40,843 68
Transferred from general fund . . . . .	4,000 00
Warrants paid and returned . . . . .	32,405 96
Balance on hand . . . . .	12,437 72
	<hr/>
	\$ 44,843 68 \$ 44,843 68

## STREET CLEANING AND SPRINKLING FUND.

Balance per report Sept. 30, 1892 . \$	\$ 3,414 96
Transferred from general fund . . . . .	14,000 00
Warrants paid and returned . . . . .	12,736 73
Balance on hand . . . . .	4,678 23
	<hr/>
	\$ 17,414 96 \$ 17,414 96

## STREET IMPROVEMENT FUND.

Balance per report Sept. 30, 1892 . \$	\$ 28,960 24 <sup>1</sup> / <sub>2</sub>
Received from sundry collections . .	80,468 84
Transferred from general fund . . .	26 23
Transferred to general fund . . . .	893 17 <sup>1</sup> / <sub>2</sub>
Warrants paid and returned . . . .	80,416 20
Balance on hand . . . . .	28,145 94
	<hr/>
	\$109,455 31 <sup>1</sup> / <sub>2</sub> \$109,455 31 <sup>1</sup> / <sub>2</sub>

## SEWER FUND.

Balance per report Sept. 30, 1892 . \$	\$ 5,590 37
Received from sundry collections . .	35,595 34
Transferred to general fund . . . .	2,434 43
Warrants paid and returned . . . .	36,071 58
Balance on hand . . . . .	2,679 70
	<hr/>
	\$ 41,185 71 \$ 41,185 71

## STREET EXTENSION FUND.

Balance per report Sept. 30, 1892 . \$	\$ 4,302 96 <sup>1</sup> / <sub>2</sub>
Received from sundry collections . .	4,453 57
Transferred to general fund . . . .	5 00
Warrants paid and returned . . . .	3,354 75 <sup>1</sup> / <sub>2</sub>
Balance on hand . . . . .	5,396 78
	<hr/>
	\$ 8,756 53 <sup>1</sup> / <sub>2</sub> \$ 8,756 53 <sup>1</sup> / <sub>2</sub>

## BONDED INDEBTEDNESS INTEREST FUND.

Balance per report Sept. 30, 1892 . \$	\$ 43,161 88
Balance in New York per report Sept. 30, 1892 . . . . .	1,980 00
Transferred to general fund . . . .	10,000 00
Warrants paid and returned . . . .	37 25
Coupons paid in Portland and returned	1,187 50
Coupons paid in New York and ret'd	9,075 00
Balance on hand . . . . .	17,042 13
Balance in New York . . . . .	7,800 00
	<hr/>
	\$ 45,141 88 \$ 45,141 88

## STREET LAMP FUND.

Balance per report Sept. 30, 1892 . \$	\$ 5,049 71
Transferred from general fund . . .	12,500 00
Warrants paid and returned . . . .	17,234 31
Balance on hand . . . . .	315 40
	<hr/>
	\$ 17,549 71 \$ 17,549 71

## WILLAMETTE RIVER FUND.

Balance per report Sept. 30, 1892 . \$	\$ 91 61
Warrants paid and returned . . . .	7 50
Balance on hand . . . . .	84 11
	<hr/>
	\$ 91 61 \$ 91 61

## WATER BOND INTEREST FUND.

Balance per report Sept. 30, 1892 . \$	\$ 1,325 00
Received of city water committee . .	17,500 00
Coupons paid and returned . . . .	1,250 00
Balance on hand . . . . .	17,575 00
	<hr/>
	\$ 18,825 00 \$ 18,825 00

## STREET AND SEWER INTEREST FUND.

Balance per report Sept. 30, 1892 . . . . .	\$	1,263	88
Received from sundry collections . . . . .		285	80
Warrants paid and returned . . . . .		59	10
Balance on hand . . . . .		1,490	58
	\$	1,549	68
	\$	1,549	68

## EAST SIDE WATER EXPENSE FUND.

Balance per report Sept. 30, 1892 . . . . .	\$	3,066	22
Received for Walter Johnson, water rates . . . . .		4,502	25
Warrants paid and returned . . . . .		3,121	43
Balance on hand . . . . .		4,447	04
	\$	7,568	47
	\$	7,568	47

## FIRE BADGE REDEMPTION FUND.

Balance per report Sept. 30, 1892 . . . . .	\$	78	00
Balance on hand . . . . .		78	00
	\$	78	00
	\$	78	00

## WATER FUND—EAST PORTLAND.

Balance per report Sept. 30, 1892 . . . . .	\$	29,663	97
Warrants paid and returned . . . . .		2,664	02
Balance on hand . . . . .		26,999	95
	\$	29,663	97
	\$	29,663	97

## BOULEVARD FUND—ALBINA.

Balance per report Sept. 30, 1892 . . . . .	\$	6,228	77
Warrants paid and returned . . . . .		1,614	75
Balance on hand . . . . .		4,614	02
	\$	6,228	77
	\$	6,228	77

## GENERAL SUMMARY.

Balance on hand as stated . . . . .	\$158,534	10 <sup>1</sup> / <sub>2</sub>
Balance in New York . . . . .	7,800	00
Credited as follows:—		
General fund . . . . .	\$	19,100 22 <sup>1</sup> / <sub>2</sub>
Fire department fund . . . . .		13,449 28
Police department fund . . . . .		12,437 72
Street cleaning and sprinkling fund . . . . .		4,678 23
Street improvement fund . . . . .		28,145 94
Sewer fund . . . . .		2,679 70
Street extension fund . . . . .		5,396 78
Bonded indebtedness, interest fund, Portland . . . . .		17,042 13
Bonded indebtedness, interest fund, New York . . . . .		7,800 00
Street lamp fund . . . . .		315 40
Willamette river fund . . . . .		84 11
Water bonds interest fund . . . . .		17,575 00
Street and sewer interest fund . . . . .		1,490 58
East Side water expense fund . . . . .		4,447 04
Fire badge redemption fund . . . . .		78 00
Water fund, East Portland . . . . .		26,999 95
Boulevard fund, Albina . . . . .		4,614 02
	\$166,334	10 <sup>1</sup> / <sub>2</sub>
	\$166,334	10 <sup>1</sup> / <sub>2</sub>

## STREET IMPROVEMENT FUND.

Balance in this fund as stated . . . .	\$ 28,145 94
Credited as follows:—	
5th street, Stephens to Adams . . . .	\$ 58 13
A street, 1st to 6th . . . . .	44 46
M street, 4th to 12th . . . . .	43 16
Clinton street, 12th to 21st . . . .	62 73
Williams avenue, N. boundary E. Portland to Cherry . . . . .	26
18th street, Clinton to Powell val- ley road . . . . .	42 30
Williams avenue, Grant to Going R street . . . . .	279 33 186 75
Chapman street . . . . .	35 05
N. 14th street, B to U . . . . .	469 67
S. Front, Gaines to 1st avenue . . . .	18 55
Hood street (old) . . . . .	14 64
Taylor street, 10th to 14th . . . . .	1 41
N. 18th street . . . . .	27 67
Whitaker street, Multnomah to S. Front . . . . .	12 46
S. 2d street, Sheridan to Gibbs . . . .	405 54
12th street . . . . .	71 16
Clifton street, 13th to 15th . . . . .	316 25
Kelly street, Grover to Abernethy . . . .	11 40
Caruthers street, Hood to 6th . . . . .	21 23
N. 16th street, S to N. Front . . . . .	100 00
Wood street, front to 4th . . . . .	3 69
Mill street, Front to Water . . . . .	12 82
H street, 21st to 22d . . . . .	3 50
13th street, College to Hawthorne . . . .	283 49
Clay street, 4th to E. boundary of E. Portland . . . . .	4 80
<i>Amounts carried forward</i> . . . .	\$ 28,145 94 \$ 2,530 45

<i>Amounts brought forward</i> . . . .	\$ 28,145 94 \$ 2,530 45
5th street, K to Ellsworth . . . . .	402 81½
Myrtle street, 13th to 19th . . . . .	135 64
13th street, D to J . . . . .	4 06
Cherry street, 1st to 6th . . . . .	55 16
G street, east to west end . . . . .	162 33
C street, 2d to Cherry . . . . .	237 66
N. 16th street, G to M . . . . .	116 40
Elliott street, Helm to Williams avenue . . . . .	91 62
9th street, D to L . . . . .	10½
3d street, N. boundary of E. Portland to Maple . . . . .	116 30
1st street, Salmon to Madison . . . . .	5 75
N. 22d street, J to P . . . . .	108 58
14th street, Myrtle to Elizabeth . . . .	198 97
H street, east to west end . . . . .	77 27
Pacific street, Maple to 12th . . . . .	26 25
Laurel street, 13th to W. line of blocks 77 and 88 . . . . .	80 83
S. 1st, 1st to 2d avenue . . . . .	90 59
H street, 22d to 23d . . . . .	24 75
18th street, Spring to Clifton . . . . .	21 05
Elm street, 15th to west end . . . . .	85 17
Alder street, 5th to 15th . . . . .	577 58
G street, Front to W. line of blocks 280 and 281 . . . . .	1 43
N. 23d street, F to J . . . . .	48 04
Missouri avenue, Multnomah to Grant . . . . .	468 84
Delay street, Russell to Goldsmith . . . .	2 75
G street, 3d to W. Park . . . . .	13 74
Salmon street, Ford to City Park . . . .	3 75
<i>Amounts carried forward</i> . . . .	\$ 28,145 94 \$ 5,688 33

<i>Amounts brought forward</i> . . .	\$ 28,145 94	\$ 5,688 33
Multnomah street, Grover to Curry	9 10	
Corbett street, 2d avenue to Lane	36 84	
Borthwick street, Russell to Elliott	29 74	
H street, 5th to 8th . . . . .	70 54	
Michigan avenue, Multnomah to Cook . . . . .	156 16	
3d street, Main to Glisan . . . . .	9 70	
Oregon street, 3d to 9th . . . . .	13 30	
N. 18th street, M to T . . . . .	566 44	
Laburnum avenue, K to Hawthorne	43 76	
O street, Sunnyside . . . . .	261 88	
Eugene street, Union avenue to E. 7th . . . . .	118 14	
Russell street, Williams to Union avenue . . . . .	40 20	
E. 8th street, E. Flanders to Riv. Homestead . . . . .	11,153 17	
Broadway . . . . .	6 00	
E. Glisan street, E. 9th to E. 12th	6 00	
E. Sacramento street, E. 7th to Union avenue . . . . .	94 95	
E. 16th street, Holladay to Belmont . . . . .	4,075 65	
Mississippi avenue, Russell to Skidmore . . . . .	1,020 28	
Weidler street . . . . .	1,294 21	
E. 12th street, Hancock to Thompson . . . . .	8 51	
23d street, Thurman to Wilson . . . . .	128 91	
7th street, Glisan to Johnson . . . . .	1 75	
Washington street, B to 240 ft. W. of E. line of City Park . . . . .	75 57	
<i>Amounts carried forward</i> . . .	\$ 28,145 94	\$ 24,909 13

<i>Amounts brought forward</i> . . .	\$ 28,145 94	\$ 24,909 13
E. Irving street, E. 3d to E. 7th	460 29	
Pine street, F to Vancouver wagon road . . . . .	162 67	
Shaver street, Maryland to Williams avenue . . . . .	11 76	
Thurman street, 14th to 100 ft. W. of 19th . . . . .	5 50	
2d street, C to D . . . . .	3 00	
Gantenbein avenue, Russell to Morris . . . . .	1,109 68	
Idaho street, Macadam to Wisconsin . . . . .	427 16	
Vaughn street, 21st to 27th . . . . .	512 92	
Montana avenue, Freemont to Multnomah . . . . .	384 28	
Northrup street, 150 ft. W. of 16th to 21st . . . . .	156 09	
Hawthorne avenue . . . . .	1 24	
E. Hoyt street . . . . .	2 22	
	\$ 28,145 94	\$ 28,145 94

## SEWER FUND.

Balance in this fund as stated . . .	\$ 2,679 70
Credited as follows—	
N. 9th street . . . . .	39 30
P street . . . . .	443 33
L street . . . . .	161 90
Clay street, 14th to 15th . . . . .	30 00
13th street, Montgomery to Market . . . . .	44 50
<i>Amounts carried forward</i> . . .	\$ 2,679 70
	\$ 719 03



<i>Amounts brought forward</i> . . . . .	\$ 2,679 70	\$ 719 03
N. 20th street, B to F . . . . .		7 00
Clay street, 3d to 6th . . . . .		27 48
Sellwood street, 70 feet. W. of Rodney to Williams . . . . .		24 00
T street, 20th to 250 ft. W. of 26th		9 20
Q street, 12 ft. of 20th to river .		273 25
Mississippi avenue, Morris to Rus- sell . . . . .		42 11
R street, 20th to 250 ft. W. of 28th . . . . .		24 00
Tanner creek . . . . .	100 00	
N. 13th and D streets . . . . .	200 05	
Elliott street, 100 ft. W. of Van- couver avenue to Borthwick .		69 20
Savier street, 28th to 100 ft. W. of 29th . . . . .		50 80
Nartilla street, 106 ft. N. of Mad- ison to Jefferson . . . . .		40 00
Holladay avenue . . . . .		6 65
13th street, 25 ft. N. of Hall to Montgomery . . . . .		65 00
19th and Mill streets . . . . .		86
Columbia street, Chapman to 17th		11 18
4th and Hooker streets . . . . .		42 25
Marquam Gulch . . . . .		78 42
Knott street, 160 feet E. of, to Mitchell . . . . .		83 90
Park avenue . . . . .		55 97
Overton street, 25th to 200 ft. W.		30 00
Thomas creek . . . . .		719 35
	\$ 2,679 70	\$ 2,679 70

## STREET EXTENSION FUND.

Balance in this fund as stated . . . . \$ 5,396 78

Credited as follows—

Russell street . . . . .	135 50
V street . . . . .	472 50
Heights Terrace . . . . .	190 00
W street . . . . .	671 00
X street . . . . .	138 00
S. 6th street . . . . .	10 00
4th street . . . . .	310 00
R street . . . . .	70 20
S. 5th street . . . . .	161 92
D street . . . . .	144 00
Woods street . . . . .	01
11th street . . . . .	14 70
9th street . . . . .	159 75
5th street . . . . .	682 45
Vancouver avenue . . . . .	194 00
Q street . . . . .	60 00
Hawthorne avenue . . . . .	64 90
S. 5th street . . . . .	10 00
Cable street . . . . .	104 10
Harrison avenue . . . . .	75 00
E. Stark street . . . . .	255 52
Powell street . . . . .	210 23
Belmont street . . . . .	106 00
E. 18th street . . . . .	1,157 00

---

\$ 5,396 78 \$ 5,396 78

All of which is respectfully submitted,

FRANK HACHENEY,

*City Treasurer.*

REPORT OF SUPERINTENDENT OF STREETS.

---

OFFICE OF THE SUPT. OF STREETS. }  
PORTLAND, OR., January, 2d, 1893. }

*To the Hon. Mayor and Common Council of the City of  
Portland:*

GENTLEMEN:—I have the honor to herewith submit my report as Superintendent of Streets for the year ending December 31, 1892.

The amount of street and sewer improvement carried on during the past twelve months is largely in excess of that of the preceding year. This increase is specially noticeable on the east side of the river, where the property owners in every direction seem imbued with an earnest desire for better streets, and the construction of sewers that have been so long needed.

Improvement Associations are being organized in all parts of our city, not for the purpose of booming real estate, but so far as can be judged, with the the one object in view of meeting together and consulting as to where improvements are needed to benefit their respective localities, the character of the improvements best adapted to their wants and the speediest measures to take in order to hasten their completion.

The proposed passage of an act to provide for the issuance of bonds for the improvement of streets, and the laying of sewers in incorporated cities, and for the payment of the cost of such improvements and laying of sewers by installment, appears to receive very favorable consideration from the majority of the property owners. At the present time many small property owners who are anxious to obtain the benefit of sewers and graded streets are often compelled to remonstrate against proposed improvements, owing to the fact that the entire cost of the same must be paid upon completion of the work. Should an act be passed so that assessments for such improvements can be paid for by annual installments, it will have a decided effect in increasing the amount of sewer and street work during the present year. It would be particularly beneficial in the matter of the construction of sewers.

When a main sewer for a district, or a system of sewers is constructed, it usually extends through but a portion of the sewer district, as a part may be so sparsely settled, or the land of so little value as to hardly justify entailing on the property owners the heavy expense of constructing the sewer or sewers to the extreme boundary lines of said district.

The portions of the sewer or sewers built must however be made sufficiently large to provide for carrying off at some future time, the additional sewage and storm water from the remaining portion of the district. The assessors in making the assessment for the payment of the sewer, levy on all the property in the district, in pro-

portion to the amount of benefits derived. As a consequence owners of lots located sometimes from six to sixteen blocks away from the sewer feel that they are injured by being compelled to pay a part of the costs of a sewer with which they cannot at present connect, although as a fact, they are only paying their proportion of the cost of the increased size of the sewer, which has been made for their future accommodation. Under the installment plan, in most of cases, the main sewer or a system of sewers through the entire district, could be constructed without delay.

The Bituminous Rock Pavement recently laid on Washington street, from Second street to the City Park, and on Third street, from Main street to Glisan street, has not come up to the expectations that were entertained for it. The contractors have been compelled to make repairs to these streets in a great many places. They claim that this is owing to the fact that while paying for first-class material, they were furnished with an inferior article, but that in making all repairs, none but first-class bituminous rock has been or will be used. These two streets have been put to a very severe test by being subjected to probably five times as much travel as they would receive if other streets in the vicinity were improved with the same material. The contract for the improvement of Morrison street with Trinidad Pitch Lake Asphalt, was awarded so late in the year that our winter weather set in before the contractors could commence work; so that I am unable from actual observation to make any comparison as to the relative merits of the two kinds

of pavements. It is to be sincerely hoped that **what-**ever the defects may be in the Bituminous Pavement, whether in the character of the material, or the **manner** in which it is laid, that they may be remedied.

Once assured of their durability in this climate, **which** appears to be exceedingly hard on them, the Asphalt and Bituminous pavements would soon become the favorites, owing to their smoothness, the ease **with** which they can be cleaned and their being practically noiseless.

Vitrified Brick pavement is now being used **very ex-**tensively in several eastern cities and on the **whole** appears to be giving good satisfaction, and to be **wear-**ing well under exceptionally heavy traffic.

The owners of property on Stark street, between **Front** and First streets, have entered into a private **contract** for the laying of a vitrified brick pavement. **Work on** the same will be commenced in a very short time, and we will have an opportunity of testing its durability. There is an abundance of clay in the vicinity of **this** city suitable for the manufacture of paving brick, and if the pavement proves to be satisfactory, it will be an important factor in diminishing the cost of street **im-**provement, stimulating home production, and to a **cer-**tain extent at least, in settling the so far intricate **ques-**tion as to what is the best paving material for **this city.**

Three-hundred and forty-eight plans and specifications have been prepared during the past year for the **con-**

struction of sewers, bridges, etc., copies of which have been filed with the Auditor and the necessary copies furnished the inspectors. Amongst the number the following required special time and attention, viz:

A system of sewerage for Portland Heights; a main sewer on Holladay ave. from the river to E. 11th street; a system of sewerage for the district lying between E. Stark street and Sullivan's Gulch, and between the river and eastern city limits; and a main sewer commencing at low water mark of the Willamette river at E. Alder street, thence winding its way easterly and southerly as far as E. 14th street and Hawthorne avenue, thence northerly and easterly terminating at E. Yamhill and E. 34th streets.

In addition to the sewers shown in tabular form, plans and specifications were prepared just near the close of the year, for a sewer in Union avenue, from the south line of Weidler street to the Holladay avenue sewer.

---

The following tabular statement shows the amount of street work completed during the past year.

## UNDER ORDINANCES.

Kind of Work.	Lineal Feet.
Sidewalk . . . . .	121,041
Crosswalks (wood) . . . . .	25,532
Crosswalks (stone) . . . . .	5,254
Macadam . . . . .	6,652
Gravel . . . . .	35,504
Bridging . . . . .	3,766
Sewers . . . . .	87,962
Stone block pavement . . . . .	3,628
Plank roadway . . . . .	14,576
Bituminous rock . . . . .	8,500

## UNDER PERMIT.

Kind of Work.	Lineal Feet.
Sidewalk (wood) . . . . .	134,397
“ (cement) . . . . .	18,409
“ (bituminous) . . . . .	2,331
Crosswalk . . . . .	453
Grading . . . . .	87,320
Gravel . . . . .	47,217
Macadam . . . . .	410
Plank roadway . . . . .	2,065
Stone block pavement . . . . .	3,802

## UNDER NOTICES.

Kind of Work.	Lineal Feet.
Sidewalks . . . . .	58,404
Crosswalk . . . . .	5,025
Plank roadway . . . . .	75

## AGGREGATE.

Kind of Work.	Lineal Feet.
Sidewalk (wood) . . . . .	313,842
“ (cement) . . . . .	18,409
“ (bituminous) . . . . .	2,331
Crosswalk (wood) . . . . .	31,010
“ (stone) . . . . .	5,254
Macadam . . . . .	7,062
Grading . . . . .	87,320
Gravel . . . . .	82,721
Bridging . . . . .	3,766
Sewers . . . . .	87,962
Stone block pavement . . . . .	7,430
Plank roadway . . . . .	16,716
Bituminous pavement . . . . .	8,500

## PERMITS ISSUED 1892.

To dig up streets for laying gas pipe . . . . .	83
“ “ “ sewer “ . . . . .	523
“ “ “ water “ . . . . .	583
To use streets for building purposes . . . . .	1,079
“ “ moving houses . . . . .	33
To improve streets by grading . . . . .	1,281
To erect private electric lights . . . . .	26
Total . . . . .	3,608

## NOTICES ISSUED 1892.

To re-fill holes in streets . . . . .	119
Repair sidewalk and crosswalk . . . . .	1,697
Miscellaneous notices and communications . . . . .	228
Total . . . . .	2,044

## SEWERS.

The sewer work commenced and completed during the past year contrasts favorably with that of '91, showing an expenditure of \$182,366.43, as compared with \$30,814.27, or approximately six times as much as that of the year previous. This great increase is due to the construction of two sewerage systems and two large main district sewers, viz: A system of sewerage for Portland Heights; a system of sewerage on the East Side, between Sullivan's Gulch and East Stark street; a main district sewer in Holladay avenue and one in the Thomas creek gulch, at an aggregate cost of \$144,000. In addition to this the unfinished work of 1891 has been completed and new sewer contracts let to the sum of \$141,011.11, embracing some thirteen sewers which will be finished during the next few months. The largest contract let during the past year, in fact ever let in this city, is the main brick and stone sewer now being constructed on East Alder street, and terminating at East Yanhill and E. 34th streets, at a cost of \$116,512.17, the length of which is two-and-one-half miles.

The following table shows the amount and character of sewers now constructed in the city:

Diameter in inches.	Lineal feet.	Miles.	Location.	Material.
92x64 . .	3,984 . .	.75 . .	Tanner Creek . . . . .	Brick.
81x54 . .	1,756 . .	.34 . .	" " . . . . .	"
72 . .	5,016 . .	.95 . .	" " . . . . .	Brick and stone.
72x48 . .	3,160 . .	.60 . .	Johnson " . . . . .	Brick.
66x44 . .	1,800 . .	.34 . .	" " . . . . .	"
40x60 . .	3,820 . .	.72 . .	" " . . . . .	"

Diameter in inches.	Lineal feet.	Miles.	Location.	Material.
45 . .	800 . .	.15 . .	17th, Market & Chapman . .	Brick.
24x36 . .	700 . .	.14 . .	" " " . . . . .	"
30x45 . .	1,000 . .	.19 . .	Marquam Gulch . . . . .	"
30x45 . .	756 . .	.15 . .	" " . . . . .	Brick and stone.
3x4 box . .	1,350 . .	.25 . .	" " . . . . .	Wooden.
2x2 box . .	930 . .	.18 . .	Mill Street . . . . .	"
24 . .	1,640 . .	.31 . .	Lovejoy Street . . . . .	Brick and stone.
30 . .	510 . .	.09 . .	Chapman Street . . . . .	"
24 . .	766 . .	.14 . .	" " . . . . .	"
60 . .	970 . .	.18 . .	Thomas Creek . . . . .	"
48 . .	1,088 . .	.21 . .	" " . . . . .	"
36 . .	2,410 . .	.45 . .	" " . . . . .	"
54 . .	930 . .	.18 . .	Holladay Avenue . . . . .	"
52 . .	520 . .	.09 . .	" " . . . . .	"
42 . .	780 . .	.15 . .	" " . . . . .	"
42 . .	780 . .	.15 . .	" " . . . . .	Brick.
40 . .	260 . .	.05 . .	" " . . . . .	"
38 . .	260 . .	.05 . .	" " . . . . .	"
36 . .	260 . .	.05 . .	" " . . . . .	"
34 . .	260 . .	.05 . .	" " . . . . .	"
48 . .	662 . .	.12 . .	East Oak Street . . . . .	Brick and stone.
40 . .	290 . .	.05 . .	" " . . . . .	"
38 . .	255 . .	.05 . .	East Third " . . . . .	"
36 . .	260 . .	.05 . .	" " . . . . .	"
34 . .	220 . .	.04 . .	" " . . . . .	"
30 . .	300 . .	.06 . .	" " . . . . .	"
28 . .	490 . .	.09 . .	" " . . . . .	"
24 . .	6,755 . .	1.28 . .	" " . . . . .	Terra Cotta.
22 . .	2,475 . .	.47 . .	" " . . . . .	"
20 . .	1,245 . .	.24 . .	" " . . . . .	"
18 . .	8,532 . .	1.61 . .	" " . . . . .	"
16 . .	15,633 . .	2.96 . .	" " . . . . .	"
15 . .	18,735 . .	3.54 . .	" " . . . . .	"
14 . .	33,271 . .	6.30 . .	" " . . . . .	"
12 . .	121,866 . .	23.08 . .	" " . . . . .	"
10 . .	26,125 . .	4.95 . .	" " . . . . .	"
9 . .	39,928 . .	7.56 . .	" " . . . . .	"
8 . .	10,412 . .	1.97 . .	" " . . . . .	"
Total . .	323,960 . .	61.35 . .		

SEWER WORK BEGUN AND COMPLETED IN 1892.

Name of Sewer.	No. of Ord.	Kind of Sewer.	Size in Inches.	Est. Length in feet.	Date of Contract.	Date of Acceptance.	Name of Contractor.	Contractor's Bid.
Thomas creek	6716	Br'k&st'ne	36, 48, 60	4,468	June 23, 1892	Dec. 27, 1892	Bays & Jeffery	\$ 28,984 53
X street	6809	Terra cotta	12	405	Mch. 21, 1892	May 26, 1892	Patrick Towey	919 55
Chapman street	6905	"	12	470	Jan. 19, 1892	April 4, 1892	Jas. Phillips	817 00
Mitchell street	6999	"	12	1,240	Jan. 19, 1892	April 1, 1892	B. S. Reilley	1,925 10
Sellwood street	7088	"	12	445	Jan. 27, 1892	April 1, 1892	B. S. Reilley	651 75
Elliott street (now Stanton)	7188	"	10	226	Jan. 27, 1892	April 1, 1892	B. S. Reilley	378 00
Elliott street	7240	"	12	1,224	Mch. 19, 1892	May 3, 1892	B. S. Reilley	1,734 80
Marshall street	7290	"	12	510	Mch. 19, 1892	April 12, 1892	B. S. Reilley	668 65
Overton street	7395	"	16, 14, 12	2,095	Mch. 19, 1892	July 8, 1892	J. B. Slemmons	3,457 15
Holladay avenue	7457	Br'k&st'ne	54 to 34	4,050	April 7, 1892	Sept. 24, 1892	Hofman & Bates	23,168 75
Savner street	7509	Terra cotta	12	690	May 7, 1892	July 25, 1892	J. B. Slemmons	962 00
Flint street	7553	"	10	475	May 7, 1892	May 13, 1892	B. S. Reilley	487 66
Nartilla street	7554	"	8	400	May 21, 1892	Aug. 3, 1892	J. B. Slemmons	364 40
Hoyt street	7560	"	10	465	May 7, 1892	June 7, 1892	J. B. Slemmons	713 40
Sixth street	7561	"	10	310	May 6, 1892	June 7, 1892	J. B. Slemmons	525 40
Seventh street	7562	"	10	310	May 6, 1892	June 7, 1892	J. B. Slemmons	551 40
Portland Heights	7579	B. S. & T. C.	30, 24, 16 to 8	12,513	July 5, 1892	Dec. 27, 1892	American B. & C. Co	22,597 50
Fourth and Hooker	7589	Terra cotta	10	1,052	July 14, 1892	Sept. 12, 1892	J. B. Slemmons	1,105 42
Nineteenth and Mill	7590	"	12	300	July 6, 1892	Aug. 5, 1892	B. S. Reilley	529 06
Columbia street	7610	"	10	220	June 11, 1892	June 17, 1892	B. S. Reilley	206 75
Pettygrove street	7635	"	16, 14	1,584	July 6, 1892	July 25, 1892	B. S. Reilley	2,457 24
Thirteenth street	7677	"	8	462	Aug. 8, 1892	Aug. 22, 1892	B. S. Reilley	414 08
E. 11th, Multn'h, E. 12th	7715	"	18 to 8	2,046	Sept. 17, 1892	Dec. 15, 1892	P. H. Trainey	2,676 11
Marquam gulch	7737	Br'k&st'ne	45, 30	756	Sept. 23, 1892	Dec. 15, 1892	American B. & C. Co	4,800 02
*E. Oak, E. Third, etc.	7745	B. S. & T. C.	48, 40, 38, 36, 34, 30, 28, 24, 16, 14, 12, 10	26,307	Sept. 9, 1892	-----	Reilley & Trainey	68,957 65

SEWER WORK BEGUN AND COMPLETED IN 1892—Continued.

Name of Sewer.	No. of Ord.	Kind of Sewer.	Size in Inches.	Est. Length in feet.	Date of Contract.	Date of Acceptance.	Name of Contractor.	Contractor's Bid.
Overton street	7760	Terra cotta	12	200	Sept. 17, 1892	Oct. 13, 1892	B. S. Reilley	\$ 212 00
Knott street	7782	"	10	195	Sept. 23, 1892	Dec. 21, 1892	John Reilley	190 81
Thurman street	7783	"	12	2,975	Sept. 17, 1892	Nov. 9, 1892	P. H. Trainey	3,379 17
Park avenue	7801	"	8	580	Oct. 10, 1892	Nov. 7, 1892	Patrick Towey	468 89
Elizabeth street	7802	"	8	450	Oct. 25, 1892	Nov. 19, 1892	J. B. Slemmons	438 00
*Ross, Multnomah, Adams	7803	"	14, 12, 10,	1,990	Oct. 25, 1892	---	John Reilley	2,504 60
Twentieth street	7860	"	10	587	Oct. 25, 1892	Dec. 15, 1892	American B. & C. Co	560 90
*Corbett street	7892	"	16, 14	1,925	Oct. 25, 1892	-----	J. B. Slemmons	3,102 05
*Pennoyer street	7916	"	10	675	Nov. 23, 1892	-----	E. J. O'Connor	826 24
Totals				72,600				\$182,366 43

\* Practically completed but not accepted.

72,600  
53,023  
-----  
12,577

UNFINISHED SEWER WORK OF 1892.

Name of Sewer.	No. of Ord.	Kind of Sewer.	Size in Inches.	Est. Length in feet.	Date of Contract.	Name of Contractor.	Contractor's Bid.
E. Alder, E. 7th, etc., to Sunnyside	7768	Br'k&st'ne	84 to 34	13,210	Oct. 5, 1892	Wilson & Ryan . . .	\$ 116,512 17
E. Seventh street . . . . .	7858	Terra cotta	14, 12, 10	1,810	Nov. 12, 1892	B. S. Reilley . . .	2,026 27
E. Tenth street . . . . .	7859	"	14, 12, 10	1,812	Nov. 11, 1892	J. B. Slemmons . . .	2,076 23
Kelly street . . . . .	7889	"	14	980	Oct. 25, 1892	J. B. Slemmons . . .	1,421 80
Mississippi avenue . . . . .	7890	"	10	290	Dec. 19, 1892	B. R. Smith . . . .	209 97
Curry street . . . . .	7915	"	12	1,575	Nov. 23, 1892	Robertson Bros. . . .	1,936 42
E. Sixth street . . . . .	7917	"	16, 14, 12, 10	1,790	Nov. 11, 1892	Robertson Bros. . . .	2,248 39
Lovejoy street . . . . .	7918	Br'k&st'ne	24	1,465	Dec. 3, 1892	American B. & C. Co	4,669 20
Thirty-second street . . . . .	7953	Terra cotta	12	628	Nov. 23, 1892	Robertson Bros. . . .	532 99
Williams ave, Victoria, Wheeler, etc	7954	"	16, 14, 12, 10	4,506	Dec. 19, 1892	Patrick Towey . . . .	5,627 26
Larrabee street . . . . .	7955	"	20, 14, 12, 10	1,862	Nov. 23, 1892	Robertson Bros. . . .	2,334 36
Kearney street . . . . .	7974	"	14	1,002	Dec. 19, 1892	J. B. Slemmons . . . .	1,016 70
Borthwick street . . . . .	7975	"	10	473	Dec. 9, 1892	B. R. Smith . . . . .	399 35
Totals . . . . .				31,403			\$ 141,011 11

UNFINISHED SEWER WORK OF 1891, FINISHED IN 1892.

Name of Sewer.	No. of Ord.	Kind of Sewer.	Size in Inches.	Est. Length in feet.	Date of Contract.	Date of Acceptance.	Name of Contractor.	Contractor's Bid.
Tanner creek . . . . .	6685	Brick & Stone	72	3,894	July 9, 1891	Feb. 1, 1892	Bays & Jeffery . . .	\$ 40,446 32
Chapman street . . . . .	6904	Terra Cotta	12	490	Oct. 10, 1891	Feb. 29, 1892	Patrick Towey . . . .	706 53
Mississippi avenue . . . . .	6906	"	12	1,212	Oct. 10, 1891	Jan. 27, 1892	Patrick Towey . . . .	1,799 73
N. Thirteenth and D sts	6998	Brick & Stone	72	485	Nov. 7, 1891	Feb. 24, 1892	American B. & C. Co	6,648 30
Q street . . . . .	7072	Terra Cotta	12	3,476	Nov. 25, 1891	April 26, 1892	B. S. Reilley . . . .	8,654 02
Stout street . . . . .	7085	"	12	388	Dec. 31, 1891	April 4, 1892	W. D. O'Regan . . . .	613 04
West Main . . . . .	7086	"	12	782	Dec. 31, 1891	Mch. 23, 1892	W. D. O'Regan . . . .	1,430 80
R street . . . . .	7087	"	16, 14, 12	4,430	Dec. 31, 1891	Mch. 29, 1892	J. B. Slemmons . . . .	7,004 00
Totals . . . . .				15,157				\$ 67,302 74



ELECTRIC LIGHTS.

On December 8th, 1891, the city was paying on the West Side for 721 incandescent 25 candle power lamps at the rate of \$1.98 per month, and 199 arc lights of 2000 candle power, at the rate of \$9.72 per month, and on December 8th, 1892, the city was paying on the West Side for 740 incandescent 25 candle power lamps at the rate of \$1.98 per month, and 237 arc lights of 2000 candle power, at the rate of \$9.72 per month, an increase of 19 incandescent lamps and 38 arc lights.

In that part of the city which was formerly Albina the city was paying on January 1st, 1892, for 16 incandescent lamps and 60 arc lights, and on January 1st, 1893, the city was paying for 16 incandescent, 25 candle power, at the rate of \$2.25 per month, and 67 arc lights of 2000 candle power at the rate of \$10.00 per month, an increase of 7 arc lights.

That part of the city that was formerly East Portland is lighted by 156 arc lights, furnished by an electric plant owned and operated by the city, in charge of the Light and Water committee of the City Council. Thus at this date the city is lighted by 756 incandescent lamps and 460 arc lights.

The monthly cost for lighting that portion of the city which was formerly "Portland" and "Albiua" during the past year, were as follows:

ELECTRIC LIGHT BILLS—WEST SIDE.

December 8th, 1891 to January 8th, 1892 . . . . .	\$ 3,424 41
January 8th, 1892 to February 8th, 1892 . . . . .	3,535 96
February 8th, 1892 to March 8th, 1892 . . . . .	3,559 10
March 8th, 1892 to April 8th, 1892 . . . . .	3,575 97
April 8th, 1892 to May 8th, 1892 . . . . .	3,586 17
May 8th, 1892 to June 8th, 1892 . . . . .	3,603 72
June 8th, 1892 to July 8th, 1892 . . . . .	3,623 01
July 8th, 1892 to August 8th, 1892 . . . . .	3,624 94
August 8th, 1892 to September 8th, 1892 . . . . .	3,646 16
September 8th, 1892 to October 8th, 1892 . . . . .	3,681 58
October 8th, 1892 to November 8th, 1892 . . . . .	3,721 99
November 8th, 1892 to December 8th, 1892 . . . . .	3,748 21
Total . . . . .	\$43,331 22

ELECTRIC LIGHT BILLS—ALBINA DISTRICT, 1892.

January . . . . .	\$ 794 00
February . . . . .	830 00
March . . . . .	840 25
April . . . . .	855 00
May . . . . .	812 60
June . . . . .	844 00
July . . . . .	714 80
August . . . . .	792 00
September . . . . .	714 00
October . . . . .	714 00
November . . . . .	706 00
December . . . . .	725 33
Total . . . . .	\$9,341 98

## PARKS AND PUBLIC GROUNDS.

The sum of \$18,093.00 has been expended on parks and public grounds during the past year. The improvements have been confined mostly to the City Park in the western part of the city, where \$9,955.75 was expended for labor alone, adding many beautiful attractions thereto. Several acres in the southwestern part of the Park are now being cleared up and improved. This tract of land has been detached from the main part of the park by a deep ravine, but it is now made accessible by the construction of a rustic bridge 125 ft. long, 24 ft. wide and 40 ft high. Roads are being made through this tract and as soon as completed a portion will be enclosed, to which the deer and elk will be removed from their present cramped quarters. The handsome fountain purchased last year by the city has been erected in the centre of the park, a concrete basin 20 ft., inside diameter, having been constructed for the same.

In addition to the above, the following improvements have been made in the park: 10 acres of land, grubbed, graded and sown to grass; 5 acres grubbed and filled; 400 feet of walk graded; 2000 feet of road graded; 800 feet of road macadamized; 200 loads of ashes, hauled and spread on walks and roads, 600 loads of manure hauled and used in flower beds; 2860 feet of flower beds made; 26 small flower beds made; 1000 feet of water pipe laid; 1 eagle cage, 32x16 feet; 1 house for badgers and coons, 12x16 feet; 1 green house, 40x18 feet; 400 rustic seats built; 300 cords of wood cut for green house and cages; 1 shed for hay.

## LIST OF ANIMALS IN THE CITY PARK.

2 horses.	2 elks, male and female.
8 deer, 4 males and 4 females.	3 bears, 1 male and 2 females.
1 cougar.	1 mountain lion.
1 grey fox	1 red fox.
2 coyotes.	6 monkeys.
1 polecat.	7 coons.
6 guinea pigs.	3 seals.
1 wild cat.	1 kangaroo.
50 white rats.	1 rabbit.
3 pea fowls.	3 mongolian pheasants.
16 quails.	10 canaries.
3 Japanese Paroquets	1 Japanese Sparrow.
3 eagles.	2 turkey Buzzards.
10 gray owls.	2 black crows.
1 swan.	2 chicken hawks.
1 pelican.	3 ducks.

## STREET CAR TRACKS.

There are now completed within the city limits 23.10 miles of double track and 26.31 miles single track, equal to 72.51 miles of single track, as will more fully appear in the following table:

Name of Company.	Motive Power	Miles of Double Track	Miles of Single Track
Portland Street R'y . . . . .	Horse . . .		1.80
Portland Consolidated R'y . . . . .	Electricity	7.97	
Portland Cable R'y . . . . .	Cable . . .	3.71	
Portland and Vancouver R'y . . . . .	Steam . . .		4.50
Cloverdale Branch . . . . .	Steam . . .		1.00
City & Suburban R'y (W. S.) . . . . .	Electricity	6.48	.20
City & Suburban R'y (E. S.) . . . . .	Electricity	4.04	5.80
Mt. Tabor R'y . . . . .	St'm & E.	.90	1.70
West Portland R'y . . . . .	Electricity		1.00
East Side R'y . . . . .	Electricity		1.90
St. Johns Motor Line . . . . .	Steam . . .		7.81
Barnes H'hts & Cornell Mt. R'y. Electricity			.60
		23.10	26.31

On the west side of the river the Cable Company completed their double track out to King Heights. The City and Suburban Railway Company changed their track along the entire length of Morrison street, from a single to a double track, and removed their track on Yamhill street, between 5th and Chapman streets.

The West Portland Railway Company also extended its track from Hamilton avenue and Front street north-erly to Whitaker, and thence westerly on Whitaker street to a connection with the track of the City & Suburban Railway Co. at First street.

On the east side of the river the City & Suburban Railway Co. laid a double track on East Ankeny street, from East 5th to east boundary of the city, and also laid a track on Mississippi avenue, from Stauton to Goldsmith street.

The line on East Morrison has been electrified as far east as East 20th street.

The Portland & Vancouver Railway Co. has built what is known as the Cloverdale extension, from Union avenue to east boundary of city.

The East Side Railway Co. has extended its track on Milwaukée street to the south boundary of the city, and from there southerly to Oregon City.

Hereto attached is a list of property in my care and custody belonging to the City of Portland.

All of which is respectfully submitted,

DOUGLAS W. TAYLOR,  
*Superintendent of Streets.*

TOOLS BELONGING TO THE CITY PARK.

10 shovels in good order.	15 shovels in bad order.
3 spades in good order.	12 spades in bad order.
6 matlocks in good order.	12 grub hoes in bad order.
4 picks in good order.	3 picks in bad order.
1 iron rake, good.	2 iron rakes, bad.
3 crowbars, good.	5 wheelbarrows, bad.
1 potato hoe, good.	1 potato hook, bad.
2 potato hooks, good.	3 axes, bad.
5 axes, good.	6 axe handles, good.
12 stone hammers, good.	2 sledges, good.
3 steel wedges, good.	1 auger, bad.
3 augers, good.	2 grass scythes, bad.
2 brush scythes, good.	2 blocks and tackle.
50 feet of rope.	3 forks, good.
1 cross-cut saw, good.	1 rock hook, good.
4 small augers, good.	1 saw set, good.
1 hammer, good.	1 grind-stone, good.
1 hand saw, good.	1 pike hook, good.
8 padlocks, good.	1 hand pump, bad.
1 hand pump, good.	1 watering can, bad.
10 hot beds, good.	400 feet watering hose.
1 sickle, good.	1 sickle, bad.
2 lawn mowers, good.	2 carts, good.
1 cart saddle, good.	1 cart saddle, bad.
1 hay cutter, good.	2000 flower pots, good.
800 feet black pipe.	

## TOOLS IN CHARGE OF STREET REPAIRER.

7 axes, two in bad order.	3 augers.
2 barrels Portland cement.	1 crowbar.
4 cross-cut saws.	1 cold chisel.
40 gallons tar.	1 cant hook.
1 dolly.	2 files.
4 hand saws.	2 hatchets.
2 hoes,	1 hammer, sledge.
1 hammer, stone.	1 hammer, paving.
2 hammers, spiking.	1 iron rod with hook.
6 jacks and bars.	1 ladder, 20 feet long.
2 lanterns.	2 monkey wrenches.
2 kegs 6'' spikes.	1 oil can, small.
9 picks.	2 pitchforks.
1 pinch bar.	6 pole hooks.
1 pike hook.	1 pump, iron.
1 rake.	1 rope and tackle.
1 rope and block.	1 rope, 1/2'' 200 feet long.
1 rope, 3/4'' 150 feet long.	13 shovels.
3 spades.	1 square.
2 sewer drags.	2 snow shovels.
13 pieces sewer pipe, all sizes.	1 steel bar, 1'' 5 feet long.
1 tool box.	1 wagon jack.
1 windlass and bucket.	2 wheelbarrows.
1 wagon, old.	1 wagon, goose neck.
1 wrench, iron, large.	2 sets of harness, 1 set old.
1 auger crank.	1/2 keg mixed nails.
1 trowel.	2 screw drivers.
1 paving rammer.	

## PROPERTY IN CHARGE OF SUPERINTENDENT OF STREETS.

3 gas permit books.	1 box rubber type.
2 notice books (trim trees).	2 iron paper weights.
3 index books (to cabinet).	6 letter files.
1 copying book.	1 city directory.
4 scrap books.	1 parallel ruler.
2 water permit books.	2 straight edges (1 steel).
2 sewer permit books.	1 protractor.
4 requisition books.	2 glass paper weights.
3 sidewalk notice books.	3 pair of scissors.
4 building permit books.	2 eyelet punches.
2 notice books (re-fill holes).	1/2 roll profile paper.
4 sewer record books.	8 spittoons.
3 electric light books.	10 ink stands.
2 plumber's record books.	2 maps of City of Portland 1873-82.
1 register book.	1 small flat rule.
5 record (sidewalk and crosswalks).	1 small T square.
5 stoves.	5 steel erasers.
1 4-light chandelier.	1 feather duster.
4 2-light chandeliers.	1 ink well.
2 1-light chandeliers.	2 scales (triangular).
1 gas drop-light stand.	10 small paper files.
2 draughting boards and trusses.	4 waste baskets.
2 small draughting boards.	1 letter press, size "B."
1 umbrella stand.	1 record of animals in City Park.
37 pasteboard boxes for specifications, etc.	1 record, history of bridges.
11 books, removal of obstructions.	1 record, authorizations.
1 typewriter, table and copyholder.	1 record, permit to move buildings.
15 harp files.	1 ink slab (slate).
1 blue printing frame.	1/2 dozen wood scrolls.
1 set of draughting instruments.	1/2 roll blue print paper.
3 carpets (1 old).	525 maps, plans, etc.
3 oil-cloth carpets.	2 large rubber triangles.
1 cane seat revolving chair.	4 coal scuttles, tongs, etc.
10 cane seat arm chairs.	1 patent rubber stamp.
1 wood seat arm chair.	5 mucilage wells.
1 long table.	1 walnut revolving chair, uphol'd leather
1 round table.	3 walnut arm chairs, " "
4 small tables.	3 ash arm chairs, " "
1 roll top desk, walnut.	1 case of drawers.
1 ash desk.	1 wardrobe.
4 pocket steel tapes, 3 feet.	1 bookcase.
191 record plats.	1 7-foot counter, oak top, partitioned for books.
4 sets of map files.	1 bench.

## PUMP HOUSE (STEAM PLANT) CITY PARK.

1 48-in. x 12 feet cylindrical boiler and fixtures, 40 horse-power.	1 feed water heater.
1 $\frac{3}{4}$ -inch injector.	1 1 $\frac{1}{2}$ -inch globe valve.
1 whistle.	1 21-inch monkey wrench.
1 spring safety valve.	1 8-inch monkey wrench.
1 water column complete.	1 socket wrench.
1 steam gauge.	1 2-inch pipe die stock.
1 $\frac{3}{4}$ -inch check valve.	1 1-inch pipe die stock.
3 $\frac{3}{4}$ -inch globe valves.	Pipe dies $\frac{1}{4}$ -in., $\frac{3}{8}$ -in., $\frac{1}{2}$ -in. $\frac{3}{4}$ -in., 1-
1 $\frac{1}{2}$ -in. globe valve.	in., 1 $\frac{1}{4}$ -in., 1 $\frac{1}{2}$ -in., 2 in.
1 2-inch check valve.	5 twist drills.
2 1 $\frac{1}{2}$ -inch globe valves.	5 taps, $\frac{1}{4}$ -inch to 1-inch.
2 2-inch globe valves.	1 chain tong No. 3.
1 water column drip pan, brass.	1 Stilson wrench.
$\frac{1}{2}$ set 24-inch grate bars on hand.	2 pipe cutters, 1-in. x 2-in.
1 10x6x10 duplex steam pump.	1 drill ratchet.
1 $\frac{2}{3}$ -pint S. D. lubricators.	1 ball lamp wicking.
1 engine register.	1 ball asbestos packing.
1 pressure guage.	3 gallons cylinder oil.
1 $\frac{3}{4}$ -inch globe valve.	2 gallons machine oil.
1 4-inch check valve.	1 gallon kerosene oil.
1 4-inch gate valve.	1 4-inch bench vise.
1 1 $\frac{1}{2}$ -inch gate valve.	1 scoop shovel.
1 5-inch gate valve.	50 feet $\frac{1}{2}$ -inch hose and nozzle.
1 5-inch angle valve.	3 files.
1 5-inch foot valve.	3 file handles.
1 5-inch water tee.	1 squirt oil can.
33 feet 5-inch pipe.	1 feeder oil can.
14 feet 4-inch pipe.	1 broom.
2 brass drip pans.	1 fire hoe.
4 $\frac{3}{8}$ globe valves.	1 1 $\frac{1}{4}$ -inch square reamer.
75 feet 1 $\frac{1}{2}$ inch hose and nozzle.	1 1 $\frac{1}{4}$ -inch solid wrench.

## CITY SURVEYOR'S REPORT.

CITY SURVEYOR'S OFFICE, }  
 PORTLAND, OR., January 3, 1893. }

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

GENTLEMEN: In accordance with the provisions of Ordinance No. 1410, I herewith submit my annual report for the year ending December 31, 1892, containing tabulated statements of street and sewer work estimated and done, street extension surveys, and work done by virtue of permits issued by the Superintendent of Streets.

In addition to the regular routine of work connected with streets, sewers, and street extension surveys, a topographical survey has been made and a map prepared of that portion of the city commonly known as Robinson's Hill and vicinity to be used in projecting roads, streets and drives. Lines have been run and levels taken on a large area in and adjacent to what was formerly called East Portland, to furnish the Superintendent of Streets with data to plan sewer systems, a large portion of which are now being constructed.

A copy of the recorded plats and dedications inside the city limits has been made, and from these blue print copies have been furnished to the Auditor, Superin-

tendent of Streets and the Assessor, and have proved invaluable for reference and are much used by the different departments of the city.

A large number of street monuments have been located at the intersection of certain streets, most of which are on the east side of the river, the west side being fairly well supplied. Great care has been exercised in placing these monuments, so as to have them accurate as well as permanent, due reference having been made to original stakes, surveys and improvements.

We are now and have been for some time engaged in preparing a map of the city on a large scale, as ordered by your honorable body, showing the dimensions of lots and blocks, width of streets, location of street monuments and elevation of street grades.

In conclusion, I would add that the value of street and sewer work done during the year 1891, as nearly as could be ascertained, was \$615,000, and for the year ending December 31, 1892, I estimate it at \$867,000, an increase of \$252,000 over the preceding year.

In closing my report, I take the occasion to express to your Honorable Council my thanks for the many courtesies received at the hands of the members.

Respectfully submitted,

T. M. HURLBURT,

*City Surveyor.*

---

---

THE FOLLOWING PAGES  
SHOW TABULATED STATEMENT OF  
VARIOUS KINDS OF WORK  
DONE AND ESTIMATED DURING 1892

---

---

SEWER WORK ESTIMATED DURING 1892.

Number	NAME OF SEWER	EXTENT OF SEWER.
1	Elliott st . . . . .	From 100 ft. w. of Williams av. to Vancouver av . . . . .
2	Marshall st . . . . .	N. 22d st. to N. 23d st
3	Elliott st . . . . .	100 ft. w. of Vancouver av. to Borthwick st . . . . .
4	Overton st . . . . .	21st st. to 25th st . . . . .
5	Holladay Ave . . . . .	E. 11th to Willamette River . . . . .
6	Sixth st . . . . .	Hoyt st. to Glisan st . . . . .
7	Hoyt st . . . . .	9th st. to 8th st . . . . .
8	Nartilla st . . . . .	160 ft. N. of Madison st. to Jefferson st . . . . .
9	Flint st . . . . .	25 ft. N. of Page st. to Russell st . . . . .
10	Savier st . . . . .	100 ft. W. of 29th st. to 28th st . . . . .
11	Seventh st . . . . .	Hoyt st. to Glisan st . . . . .
12	Portland Heights sys	Portland Heights system . . . . .
13	Nineteenth & Mill sts	50 ft. S. of Mill st. in 19th st. to Chapman st . . . . .
14	Pettygrove st . . . . .	24th st. to 21st st . . . . .
15	Columbia st . . . . .	Chapman st. to 17th st . . . . .
16	Fourth & Hooker st.	Wood st. in 4th to Hooker, thence to 2d . . . . .
17	Thirteenth st . . . . .	Hall st. to Montgomery st . . . . .
18	Marquam Gulch . . . . .	W. line blk. 70 to end of old sewer . . . . .
19	Thurman st . . . . .	W. 1. blks. 321, 322 to l. bet lots 3&4, blk. 32 . . . . .
20	E. Twelfth st . . . . .	Broad'y to Mult. to E. 11th to Holladay Ave . . . . .
21	Overton st . . . . .	25th st. to a pt. 200 ft. W. thereof . . . . .
22	Knott st . . . . .	160 ft. E. of Mitchell st. to Mitchell st. sewer . . . . .
23	Park Ave . . . . .	E. line City Park to Ford st . . . . .
24	E. Alder st. and oth's.	Willamette River to Sunnyside . . . . .
25	E. Oak and oth'r sys.	E. Oak, E. Pine, E. Ash & oth's to Wil Riv. . . . .
26	Ross st . . . . .	80 ft. N. of Broadway to Holladay Ave . . . . .
27	Twentieth st . . . . .	Market st. to Jefferson st . . . . .
28	Kelly st . . . . .	Abernethy st. to Thomas Creek sewer . . . . .
29	Elizabeth st . . . . .	Twentieth st. to Chapman st . . . . .
30	Corbett st . . . . .	Bancroft Ave. to Thomas Creek sewer . . . . .
31	Curry st . . . . .	Second st. to Thomas Creek sewer . . . . .
32	E. Sixth st . . . . .	Broadway to Holladay Ave . . . . .
33	Lovejoy st . . . . .	Twenty-third st. to Cornell Road . . . . .
34	Larrabee st . . . . .	Dixon st. to Holladay Ave . . . . .
35	E. Seventh st . . . . .	Broadway to Holladay Ave . . . . .
36	E. Tenth st . . . . .	Broadway to Holladay Ave . . . . .
37	Thirty-second st . . . . .	S. line lot 7, blk. 21, to Thurman st. sewer . . . . .
38	Pennoyer st . . . . .	First st. to Thomas Creek sewer . . . . .
39	Mississippi Ave . . . . .	S. line Russell st. to Goldsmith st . . . . .
40	Williams Ave & oth's	Williams Av. McMillen & oth's to Holy Av. . . . .
41	Kearney st . . . . .	Twenty-third st to Twenty-first st . . . . .
Total . . . . .		

SEWER WORK ESTIMATED DURING 1892—Continued.

DATE OF ESTIMATE.	No. OF ORD'E.	LINEAL FEET BRICK AND STONE CIRCULAR SEWER.												
		84 inch	82 inch	80 inch	78 inch	76 inch	74 inch	72 inch	54 inch	52 inch	50 inch			
January 7	7138													
February 23	7290													
" 25	7240													
March 5	7395													
" 23	7457													
April 26	7561											930	520	
" 26	7560													
" 27	7554													
" 27	7553													
" 26	7509													
" 26	7562													
June 7	7579													
" 11	7590													
" 11	7635													
" 23	7610													
" 21	7589													
July 18	7677													
August 8	7737													
" 29	7783													
" 22	7715													
" 31	7760													
Septem'r 5	7782													
" 27	7801													
" 13	7768	1560	260	1069	162	1624	142	520				260	359	
August 29	7745													
October 10	7803													
" 10	7860													
" 10	7889													
" 10	7802													
" 10	7892													
Novem'r 10	7915													
October 24	7917													
Novem'r 10	7918													
" 10	7955													
October 24	7855													
" 22	7859													
Novem'r 10	7953													
" 9	7916													
" 26	7890													
" 30	7954													
Decem'r 1	7974													
Total . . . . .		1560	260	1069	162	1624	142	520	930			780	359	

SEWER WORK ESTIMATED DURING 1892.

Number	NAME OF SEWER	EXTENT OF SEWER.
1	Elliott st	From 100 ft. w. of Williams av. to Vancouver av
2	Marshall st	N. 22d st. to N. 23d st
3	Elliott st	100 ft. w. of Vancouver av. to Borthwick st
4	Overton st	21st st. to 25th st
5	Holladay Ave	E. 11th to Willamette River
6	Sixth st	Hoyt st. to Glisan st
7	Hoyt st	9th st. to 8th st
8	Nartilla st	160 ft. N. of Madison st. to Jefferson st
9	Flint st	25 ft. N. of Page st. to Russell st
10	Savies st	100 ft. W. of 29th st. to 28th st
11	Seventh st	Hoyt st. to Glisan st
12	Portland Heights sys	Portland Heights system
13	Nineteenth & Mill sts	50 ft. S. of Mill st. in 19th st. to Chapman st
14	Pettygrove st	24th st. to 21st st
15	Columbia st	Chapman st. to 17th st
16	Fourth & Hooker st.	Wood st. in 4th to Hooker, thence to 2d
17	Thirteenth st	Hall st. to Montgomery st
18	Marquam Gulch	W. line blk. 70 to end of old sewer
19	Thurman st	W. 1. blks. 321, 322 to 1. bet lots 3&4, blk. 32
20	E. Twelfth st	Broad'y to Mult. to E. 11th to Holladay Ave
21	Overton st	25th st. to a pt. 200 ft. W. thereof
22	Knott st	160 ft. E. of Mitchell st. to Mitchell st. sewer
23	Park Ave	E. line City Park to Ford st
24	E. Alder st. and ot's.	Willamette River to Sunnyside
25	E. Oak and oth'r sys.	E. Oak, E. Pine, E. Ash & oth's to Wil. Riv.
26	Ross st	80 ft. N. of Broadway to Holladay Ave
27	Twentieth st	Market st. to Jefferson st
28	Kelly st	Abernethy st. to Thomas Creek sewer
29	Elizabeth st	Twentieth st. to Chapman st
30	Corbett st	Bancroft Ave. to Thomas Creek sewer
31	Curry st	Second st. to Thomas Creek sewer
32	E. Sixth st	Broadway to Holladay Ave
33	Lovejoy st	Twenty-third st. to Cornell Road
34	Larrabee st	Dixon st. to Holladay Ave
35	E. Seventh st	Broadway to Holladay Ave
36	E. Tenth st	Broadway to Holladay Ave
37	Thirty-second st	S. line lot 7, blk. 21, to Thurman st. sewer
38	Pennoyer st	First st. to Thomas Creek sewer
39	Mississippi Ave	S. line Russell st. to Goldsmith st.
40	Williams Ave & oth's	Williams Av. McMillen & oth's to Holy Av.
41	Kearney st	Twenty-third st to Twenty-first st
	Total	

SEWER WORK ESTIMATED DURING 1892—Continued.

DATE OF ESTIMATE.	No. OF ORD'E.	LINEAL FEET BRICK AND STONE CIR- CULAR SEWER.												
		84 inch	82 inch	80 inch	78 inch	76 inch	74 inch	72 inch	54 inch	52 inch	50 inch			
January	7	7138	.	.	.	.	.	.	.	.	.	.	.	.
February	23	7290	.	.	.	.	.	.	.	.	.	.	.	.
"	25	7240	.	.	.	.	.	.	.	.	.	.	.	.
March	5	7395	.	.	.	.	.	.	.	.	.	.	.	.
"	23	7457	.	.	.	.	.	.	.	.	930	520	.	.
April	26	7561	.	.	.	.	.	.	.	.	.	.	.	.
"	26	7560	.	.	.	.	.	.	.	.	.	.	.	.
"	27	7554	.	.	.	.	.	.	.	.	.	.	.	.
"	27	7553	.	.	.	.	.	.	.	.	.	.	.	.
"	26	7509	.	.	.	.	.	.	.	.	.	.	.	.
"	26	7562	.	.	.	.	.	.	.	.	.	.	.	.
June	7	7579	.	.	.	.	.	.	.	.	.	.	.	.
"	11	7590	.	.	.	.	.	.	.	.	.	.	.	.
"	11	7635	.	.	.	.	.	.	.	.	.	.	.	.
"	23	7610	.	.	.	.	.	.	.	.	.	.	.	.
"	21	7589	.	.	.	.	.	.	.	.	.	.	.	.
July	18	7677	.	.	.	.	.	.	.	.	.	.	.	.
August	8	7737	.	.	.	.	.	.	.	.	.	.	.	.
"	29	7783	.	.	.	.	.	.	.	.	.	.	.	.
"	22	7715	.	.	.	.	.	.	.	.	.	.	.	.
"	31	7760	.	.	.	.	.	.	.	.	.	.	.	.
Septem'r	5	7782	.	.	.	.	.	.	.	.	.	.	.	.
"	27	7801	.	.	.	.	.	.	.	.	.	.	.	.
"	13	7768	1560	260	1069	162	1624	142	520	.	260	359	.	.
August	29	7745	.	.	.	.	.	.	.	.	.	.	.	.
October	10	7803	.	.	.	.	.	.	.	.	.	.	.	.
"	10	7860	.	.	.	.	.	.	.	.	.	.	.	.
"	10	7889	.	.	.	.	.	.	.	.	.	.	.	.
"	10	7802	.	.	.	.	.	.	.	.	.	.	.	.
"	10	7892	.	.	.	.	.	.	.	.	.	.	.	.
Novem'r	10	7915	.	.	.	.	.	.	.	.	.	.	.	.
October	24	7917	.	.	.	.	.	.	.	.	.	.	.	.
Novem'r	10	7918	.	.	.	.	.	.	.	.	.	.	.	.
"	10	7955	.	.	.	.	.	.	.	.	.	.	.	.
October	24	7855	.	.	.	.	.	.	.	.	.	.	.	.
"	22	7859	.	.	.	.	.	.	.	.	.	.	.	.
Novem'r	10	7953	.	.	.	.	.	.	.	.	.	.	.	.
"	9	7916	.	.	.	.	.	.	.	.	.	.	.	.
"	26	7890	.	.	.	.	.	.	.	.	.	.	.	.
"	30	7954	.	.	.	.	.	.	.	.	.	.	.	.
Decem'r	I	7974	.	.	.	.	.	.	.	.	.	.	.	.
			1560	260	1069	162	1624	142	520	930	780	359		



SEWER WORK ESTIMATED DURING 1892—Continued.

Number	NAME OF SEWER	LINEAL FEET BRICK AND STONE CIRCULAR SEWER—Continued.						
		48 inch	46 inch	44 inch	42 inch	40 inch	38 inch	36 inch
		.	.	.	.	.	.	.
1	Elliott st . . . . .	.	.	.	.	.	.	.
2	Marshall st . . . . .	.	.	.	.	.	.	.
3	Elliott st . . . . .	.	.	.	.	.	.	.
4	Overton st . . . . .	.	.	.	.	.	.	.
5	Holladay Ave . . . . .	.	.	.	1560	260	260	260
6	Sixth st . . . . .	.	.	.	.	.	.	.
7	Hoyt st . . . . .	.	.	.	.	.	.	.
8	Nartilla st . . . . .	.	.	.	.	.	.	.
9	Flint st . . . . .	.	.	.	.	.	.	.
10	Savier st . . . . .	.	.	.	.	.	.	.
11	Seventh st . . . . .	.	.	.	.	.	.	.
12	Portland Heights sys . . . . .	.	.	.	.	.	.	.
13	Nineteenth & Mill sts . . . . .	.	.	.	.	.	.	.
14	Pettygrove st . . . . .	.	.	.	.	.	.	.
15	Columbia st . . . . .	.	.	.	.	.	.	.
16	Fourth & Hooker st . . . . .	.	.	.	.	.	.	.
17	Thirteenth st . . . . .	.	.	.	.	.	.	.
18	Marquam Gulch . . . . .	.	.	.	.	.	.	.
19	Thurman st . . . . .	.	.	.	.	.	.	.
20	E. Twelfth st . . . . .	.	.	.	.	.	.	.
21	Overton st . . . . .	.	.	.	.	.	.	.
22	Knott st . . . . .	.	.	.	.	.	.	.
23	Park Ave . . . . .	.	.	.	.	.	.	.
24	E. Alder st. and ot's . . . . .	1010	2729	260	600	1114	346	835
25	E. Oak and other sys . . . . .	662	.	.	.	290	.	260
26	Ross st . . . . .	.	.	.	.	.	.	.
27	Twentieth st . . . . .	.	.	.	.	.	.	.
28	Kelly st . . . . .	.	.	.	.	.	.	.
29	Elizabeth st . . . . .	.	.	.	.	.	.	.
30	Corbett st . . . . .	.	.	.	.	.	.	.
31	Curry st . . . . .	.	.	.	.	.	.	.
32	E. Sixth st . . . . .	.	.	.	.	.	.	.
33	Lovejoy st . . . . .	.	.	.	.	.	.	.
34	Larrabee st . . . . .	.	.	.	.	.	.	.
35	E. Seventh st . . . . .	.	.	.	.	.	.	.
36	E. Tenth st . . . . .	.	.	.	.	.	.	.
37	Thirty-second st . . . . .	.	.	.	.	.	.	.
38	Pennoyer st . . . . .	.	.	.	.	.	.	.
39	Mississippi Ave . . . . .	.	.	.	.	.	.	.
40	Williams Ave & oth's . . . . .	.	.	.	.	.	.	.
41	Kearney st . . . . .	.	.	.	.	.	.	.
	Total . . . . .	1672	2729	260	2160	1664	606	1355

SEWER WORK ESTIMATED DURING 1892—Continued.

LINEAL FT. BRICK AND STONE CIRCULAR SEWER—Continued.					LINEAL FT. TERRA COTTA PIPE.				
34 inch	30 inch	28 inch	24 inch	Egg Shap'd 45x30	24 inch	20 inch	18 inch	16 inch	14 inch
.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.
260	.	.	.	.	.	.	.	1065	520
.	.	.	.	.	.	.	.	.	.
.	503	.	673	.	.	.	.	1370	213
.	.	.	.	.	.	.	.	1062	527
.	.	.	.	.	.	.	.	.	.
.	.	.	.	756	.	.	.	.	.
.	.	.	.	.	.	.	552	266	236
.	.	.	.	.	.	.	.	.	.
360	.	.	.	.	.	.	.	.	.
220	200	490	.	.	6755	.	.	6005	7570
.	.	.	.	.	.	.	.	.	1240
.	.	.	.	.	.	.	.	.	980
.	.	.	.	.	.	.	.	865	1060
.	.	.	.	.	.	.	.	278	520
.	.	.	1465	.	.	.	.	.	.
.	.	.	.	.	.	392	.	.	250
.	.	.	.	.	.	.	.	.	800
.	.	.	.	.	.	.	.	.	802
.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	1490	307
.	.	.	.	.	.	.	.	.	1002
840	703	490	2138	756	6755	392	552	12401	16027



SEWER WORK ESTIMATED DURING 1892—Continued.

Number	NAME OF SEWER	NO. OF "Y" BRANCHES TERRA COTTA PIPE—Continued.							
		24x 6	20x 6	18x 6	16x 6	14x 6	12x 6	10x 6	8x 6
		1	Elliott st						
2	Marshall st						44		
3	Elliott st							114	
4	Overton st				94	46	42		
5	Holladay Ave								
6	Sixth st							28	
7	Hoyt st							38	
8	Nartilla st								36
9	Flint st							38	
10	Savier st						60		
11	Seventh st								28
12	Portland Heights sys				108	22	19	263	573
13	Nineteenth & Mill st						28		
14	Pettygrove st				94	46			
15	Columbia st							18	
16	Fourth & Hooker st.							86	
17	Thirteenth st								38
18	Marquam Gulch								
19	Thurman st						230		
20	E. Twelfth st			44	22	22	48	24	18
21	Overton st						18		
22	Knott st							16	
23	Park Ave								48
24	E. Alder st. & oth's.								
25	E. Oak and other sys	624			512	700	276	52	
26	Ross st					114	24	44	
27	Twentieth st							46	
28	Kelly st					74			
29	Elizabeth st								38
30	Corbett st				74	89			
31	Curry st						145		
32	E. Sixth st					26	64	24	
33	Lovejoy st				26	50	46	42	
34	Larrabee st		40			72	50	44	
35	E. Seventh st					74	24	68	
36	E. Tenth st							50	
37	Thirty-second st							48	
38	Pennoyer st							22	
39	Mississippi Ave								
40	Williams Ave & oth's				124	22	21	185	
41	Kearney st					85			
Total		624	40	44	1054	1442	1139	1272	779

SEWER WORK ESTIMATED DURING 1892—Continued.

NO. OF BRANCHES TERRA COTTA PIPE.								
24 inch	20 inch	18 inch	16 inch	14 inch	12 inch	10 inch	8 inch	6 inch
	2	5	2	5	1		30	304
					1	4	1	60
	6	1	2	10	16	18	11	1042
								200
							5	128
8	1	7	12	21	20	15	45	1734

SEWER WORK ESTIMATED DURING 1892—Continued.

SEWER WORK ESTIMATED DURING 1892—Continued.

Number	NAME OF SEWER	NUMBER OF.				CUBIC YARDS.		
		Manholes	Catch Basins	"S." Traps	Round Cor. Blks Dres'd and Laid.	Exca'n and Refilling	Excavation	Embankm't
1	Elliott st . . . . .	2	1	1	1	278		
2	Marshall st . . . . .	2	1	1	1	623		
3	Elliott st . . . . .	4	8	8	8	1496		
4	Overton st . . . . .	8	4	4	4	2548		
5	Holladay Ave . . . . .	15	15	15	15	9634	1204	
6	Sixth st . . . . .	2	4	4	4	350		
7	Hoyt st . . . . .	2	6	6	6	390		
8	Nartilla st . . . . .	1	1	1	1	319		50
9	Flint st . . . . .	2	1	1	1	362		
10	Savier st . . . . .	2	3	3	3	593		
11	Seventh st . . . . .	2	4	4	4	350		
12	Portland Heights sys	50	58	58	58	14290	344	628
13	Nineteenth & Mill sts	2	1	1	1	204		
14	Pettygrove st . . . . .	7	3	3	3	1698		
15	Columbia st . . . . .	1				225		
16	Fourth & Hooker st.	5	3	3	3	1063		
17	Thirteenth st . . . . .	2	2	2	2	381		
18	Marquam Gulch . . . . .	2				483		
19	Thurman st . . . . .	9	2	2	2	1762		
20	E. Twelfth st . . . . .	8	9	9	9	2265		
21	Overton st . . . . .	1				165		
22	Knott st . . . . .	1				198		
23	Park Ave . . . . .	2	2	2	2	526		
24	E. Alder st. and oth's	42	49	49	49	35398	14744	15404
25	E. Oak and other sys	100	89	89	89	27660	1520	2352
26	Ross st . . . . .	7	7	7	7	2351		
27	Twentieth st . . . . .	2				173		
28	Kelly st . . . . .	4	4	4	4	1166		
29	Elizabeth st . . . . .	2	2	2	2	430		
30	Corbett st . . . . .	9	7	7	7	2836		
31	Curry st . . . . .	6	9	9	9	1737		
32	E. Sixth st . . . . .	7	7	7	7	2105		
33	Lovejoy st . . . . .	5	5	5	5	2268	78	
34	Larrabee st . . . . .	7	9	9	9	1978		
35	E. Seventh st . . . . .	7	6	6	6	2061		
36	E. Tenth st . . . . .	7	7	7	7	1797		
37	Thirty-second st . . . . .	2				509		
38	Pennoyer st . . . . .	3	2	2	2	529		109
39	Mississippi Ave . . . . .	1				200		
40	Williams Ave & oth's	22	18	18	18	4632		
41	Kearney st . . . . .	3				746		41
	Total . . . . .	368	349	349	349	144769	17590	18584

CUBIC YARDS—Con'd						LINEAL FEET.					
Gravel Exc	Solid Rock Excavation	Loose Rock Excavation	Concrete	Rip Rap	Piling at Mouth of Sewer	Pile Foundation	Plank Foundation	Trestle and Box Support	Lumber B. M.	Widened Walls	4 inch Tiling
									200		
									1000		
									3000		
									1000		
942			64	5							
50	5	107									
	307	174	350					250			
	50	45									
241	22	128	216								
61	141	118						420			
5000			1000	100	20	300					1500
300			300	50	26		100	515			
	20	100									
	20	200									
	30	200								10	
	10	40									
	10	100						60			
	37										
		100						255			
								40			
2241	645	1312	1930	155	46	300	100	1540	5200	10	1500

SEWER WORK DONE DURING 1892.

Number	NAME OF SEWER	EXTENT OF SEWER
2	Mississippi Ave . . . . .	Russell st. sewer to 70 ft. S. of Morris st . . . . .
3	Thirteenth and D sts . . . . .	N. 13th and D to Tanner Creek sewer . . . . .
4	Tanner Creek . . . . .	Taylor st. to City Park . . . . .
5	Chapman st . . . . .	W. Main st. to Tanner Creek sewer . . . . .
6	W. Main st . . . . .	Chapman st. to 200 ft. W. of Stout st . . . . .
7	Raleigh st . . . . .	N. 20th st. to 250 ft. W. of N. 28th st . . . . .
8	Mitchell st . . . . .	Russell st. sewer to 70 ft. S. of Morris st . . . . .
9	Sellwood st . . . . .	pt.op.n.w.cor.1.5,b.15,Albina to sew.Mar. ave . . . . .
10	Elliott st . . . . .	100 ft.W.of Williams Av. to sew'r in Van av . . . . .
11	Stout st . . . . .	Jefferson st. sewer to pt. bet.W. Mad. & Main . . . . .
12	Chapman st [Albina] . . . . .	Stark st. to Russell st. sewer . . . . .
13	Marshall st . . . . .	N. 22d to N. 23d st . . . . .
14	Quimby st . . . . .	120 ft. E. of N. 20th to Willamette River . . . . .
15	Elliott st . . . . .	100 ft. W. of Vancouver to Borthwick sewer . . . . .
16	Flint st . . . . .	25 ft. N. of Page to Russell st. sewer . . . . .
17	X st . . . . .	75-ft. E. of 21st to 20th st. sewer . . . . .
18	Sixth st . . . . .	Hoyt st. to sewer in Glisan st . . . . .
19	Seventh st . . . . .	Hoyt st. to sewer in Glisan st . . . . .
20	Hoyt st . . . . .	8th st. to sewer in 9th st . . . . .
21	Columbia st . . . . .	Chapman st. to sewer in 17th st . . . . .
22	Overton st . . . . .	25th st. to sewer in 21st st . . . . .
23	Savier st . . . . .	100 ft. W. of 29th st. to sewer in 28th st . . . . .
24	Pettygrove st . . . . .	W. line 24th st. to sewer in 21st st . . . . .
25	Nartilla st . . . . .	160 ft. N. of Madison to sewer in Jefferson st . . . . .
26	Nineteenth & Mill sts . . . . .	50 ft. S. of Mill st. to sewer in Chapman st . . . . .
27	Thirteenth st . . . . .	20 ft. N. of Hall st. to sewer in Montgom'y st . . . . .
28	Fourth & Hooker st. . . . .	N. line Wood st. on 4th, to sewer in 2d st . . . . .
29	Holladay Ave . . . . .	E. line E. 11th st. to Willamette st . . . . .
30	Overton st . . . . .	W. line 25th st. to pt. 200 ft. W. of 25th st . . . . .
31	Marquam Gulch . . . . .	W. end present sewer to W. l. b. 70,Car's Ad . . . . .
32	Park Ave . . . . .	E. line City Park to sewer in Park Ave . . . . .
33	Thomas Creek . . . . .	S. 1st st. to Willamette st . . . . .
34	Portland Heights sys . . . . .	Portland Heights system . . . . .
35	Thurman st . . . . .	W. l. blk. 321 & 322, to l. bet. lots 3&4, b. 32 . . . . .
36	Elizabeth st . . . . .	20th st. to sewer in Chapman st . . . . .
37	E. Twelfth st . . . . .	Broad'y to Mult. to E. 11th to Holy Av. sew . . . . .
38	Twentieth st . . . . .	Market st. to sewer in Jefferson st . . . . .
39	Knott st . . . . .	160 ft. E. of Mitch'l st. to sewer in Mitch'l st . . . . .
40	E. Oak st. system . . . . .	E. Oak st. system . . . . .
41	E. Alder & Sunny'de . . . . .	Sunnyside to Willamette River . . . . .
42	Corbett st . . . . .	Bancroft Ave to Thomas Creek sewer . . . . .
43	Pennoyer st . . . . .	1st st. to Thomas Creek sewer . . . . .
44	Ross st . . . . .	80 ft. N. of Broadway to Holladay Av sewer . . . . .
Total . . . . .		

SEWER WORK DONE DURING 1892—Continued.

DATE OF ESTIMATE.	No. OF ORD'E.	LINEAL FEET BRICK AND STONE CIRCULAR SEWER.												
		84 inch	76 inch	72 inch	60 inch	54 inch	52 inch	48 inch	42 inch	40 inch	38 inch			
July 25	6711													
Septem'r 10	6906													
October 21	6998			464										
June 25	6685			345										
Septem'r 23	6904													
Decem'r 5	7086													
" 2	7087													
" 23	6999													
" 31	7088													
January 7	7138													
Decem'r 7	7085													
" 29	6905													
February 23	7290													
Novem'r 10	7072													
February 25	7240													
April 27	7553													
August 25	6809													
April 26	7561													
" 26	7562													
" 26	7560													
May 23	7610													
March 5	7395													
April 26	7509													
June 11	7635													
April 27	7554													
June 1	7590													
July 18	7677													
June 21	7589													
March 23	{ 7215							930	520		1560	260	260	
August 31	7760													
" 8	7737													
April 27	7801													
June 25	6716				1010				1136	10				
" 7	7579													
August 29	7783													
October 10	7802													
August 22	7715													
October 10	7860													
Septem'r 5	7782													
August 29	7745													
Septem'r 13	7768	200	400							662		290	255	
" 10	7892													
Novem'r 9	7916													
October 10	7860													
		200	400	809	1010	930	520	1798	1570	550	515			

## SEWER WORK DONE DURING 1892—Continued.

Number	NAME OF SEWER	LINEAL FEET BRICK AND STONE CIRCULAR SEWER—Continued.					
		36 inch	34 inch	30 inch	28 inch	24 inch	Egg Shap'd 45x30
1	Thurman st						
2	Mississippi Ave						
3	Thirteenth and D sts						
4	Tanner Creek						
5	Chapman st						
6	W. Main st						
7	Raleigh st						
8	Mitchell st						
9	Sellwood st						
10	Elliott st						
11	Stout st						
12	Chapman st [Albina]						
13	Marshall st						
14	Quimby st						
15	Elliott st						
16	Flint st						
17	X st						
18	Sixth st						
19	Seventh st						
20	Hoyt st						
21	Columbia st						
22	Overton st						
23	Savier st						
24	Pettygrove st						
25	Nartilla st						
26	Nineteenth & Mill sts						
27	Thirteenth st						
28	Fourth & Hooker st.						
29	Holladay Ave	260	260				
30	Overton st						
31	Marquam Gulch						
32	Park Ave						
33	Thomas Creek	2124					
34	Portland Heights sys			503		673	
35	Thurman st						
36	Elizabeth st						
37	E. Twelfth st						
38	Twentieth st						
39	Knott st						
40	E. Oak st. system	260	220	300	490		
41	E. Alder & Sunny'de						
42	Corbett st						
43	Penoyer st						
44	Ross st						
	Total	2644	480	803	490	673	756

## SEWER WORK DONE DURING 1892—Continued.

LINEAL FEET TERRA COTTA PIPE.							
24 inch	18 inch	16 inch	14 inch	12 inch	10 inch	8 inch	6 inch
				24			
				1227		138	
						209	
						275	169
				490		44	
				782		128	
		1580	1530	1320		120	
				1228		126	
				445		11	
					226	32	
				388		30	
				499		88	
				510		16	
				3546		95	
					1224	180	
					475	50	
				405			
						90	
						90	
						465	160
					220		
		1065	520	510		48	
				690		50	
		1062	527			42	
						430	
						18	
						500	
						40	
						300	
				200			
				16	34	16	
						645	
						108	
			1370	213	316	3060	7856
					2940		92
						24	
						510	
		552	266	236	520	260	334
						587	
						195	
						2417	
			865	1060			240
							70
						675	
						500	
						235	
3640	552	12213	12896	19046	9593	15545	261

SEWER WORK DONE DURING 1892—Continued.

Number	NAME OF SEWER	NO. OF "Y" BRANCHES TERRA COTTA PIPE.				
		18x14	24x8	18x8	16x8	14x8
1	Thurman st . . . . .					
2	Mississippi Ave . . . . .					
3	Thirteenth and D sts . . . . .					
4	Tanner Creek . . . . .					
5	Chapman st . . . . .					
6	W. Main st . . . . .					
7	Raleigh st . . . . .					
8	Mitchell st . . . . .	1				
9	Sellwood st . . . . .					
10	Elliott st . . . . .					
11	Stout st . . . . .					
12	Chapman st [Albina] . . . . .					
13	Marshall st . . . . .					
14	Quimby st . . . . .					
15	Elliott st . . . . .					
16	Flint st . . . . .					
17	X st . . . . .					
18	Sixth st . . . . .					
19	Seventh st . . . . .					
20	Hoyt st . . . . .					
21	Columbia st . . . . .					
22	Overton st . . . . .				2	1
23	Savier st . . . . .					
24	Pettygrove st . . . . .					
25	Nartilla st . . . . .					
26	Nineteenth & Mill st . . . . .					
27	Thirteenth st . . . . .					
28	Fourth & Hooker st. . . . .					
29	Holladay Ave . . . . .					
30	Overton st . . . . .					
31	Marquam Gulch . . . . .					
32	Park Ave . . . . .					
33	Thomas Creek . . . . .					
34	Portland Heights sys . . . . .					
35	Thurman st . . . . .					
36	Elizabeth st . . . . .					
37	E. Twelfth st . . . . .	1		3	1	2
38	Twentieth st . . . . .					
39	Knott st . . . . .					
40	E. Oak st. system . . . . .		10		10	20
41	E. Alder & Sunny'de . . . . .					
42	Corbett st . . . . .				10	6
43	Pennyoyr st . . . . .					
44	Ross st . . . . .					5
	Total . . . . .	2	10	3	23	34

SEWER WORK DONE DURING 1892—Continued.

NO. OF "Y" BRANCHES TERRA COTTA PIPE—Continued.									
12x8	10x8	8x8	24x6	18x6	16x6	14x6	12x6	10x6	8x6
6							105		
							42		
					100	100	70		
	9						184		
							107		
							36		
								22	
							36		
	2						39		
	1						44		
							327		
		1						114	
		1						38	
							36		
		2						28	
		2						28	
		3						38	
								18	
	1					94	46	42	
	3							60	
						94	46		
			1						36
	1							28	
									38
								86	
							18		
									48
		2				108	22	19	263
								230	573
	2								38
		1	1		44	22	22	48	24
		46							16
					500	450	600	250	
						74	89		
									48
	1	6							44
		1							44
			5	500	44	942	1039	1745	767
									231

SEWER WORK DONE DURING 1892—Continued.

Number	NAME OF SEWER	NO. OF "BRANCHES" TERRA COTTA PIPE.							
		24 inch	18 inch	16 inch	14 inch	12 inch	10 inch	8 inch	6 inch
1	Thurman st . . . . .								
2	Mississippi Ave . . . . .								
3	Thirteenth and D sts . . . . .								
4	Tanner Creek . . . . .		1		4	5	24	30	
5	Chapman st . . . . .								
6	W. Main st . . . . .								
7	Raleigh st . . . . .								
8	Mitchell st . . . . .								
9	Sellwood st . . . . .								
10	Elliott st . . . . .								
11	Stout st . . . . .								
12	Chapman st [Albina] . . . . .								
13	Marshall st . . . . .								
14	Quimby st . . . . .								
15	Elliott st . . . . .								
16	Flint st . . . . .								
17	X st . . . . .								
18	Sixth st . . . . .								
19	Seventh st . . . . .								
20	Hoyt st . . . . .								
21	Columbia st . . . . .								
22	Overton st . . . . .								
23	Savier st . . . . .								
24	Pettygrove st . . . . .								
25	Nartilla st . . . . .								
26	Nineteenth & Mill st . . . . .								
27	Thirteenth st . . . . .								
28	Fourth & Hooker st . . . . .								
29	Holladay Ave . . . . .	2	5	2	5	1	30	304	
30	Overton st . . . . .								
31	Marquam Gulch . . . . .					1	3	2	
32	Park Ave . . . . .							60	
33	Thomas Creek . . . . .		3	5	15		3	345	
34	Portland Heights sys . . . . .								
35	Thurman st . . . . .								
36	Elizabeth st . . . . .								
37	E. Twelfth st . . . . .								
38	Twentieth st . . . . .								
39	Knott st . . . . .								
40	E. Oak st. system . . . . .							173	
41	E. Alder & Sunny'de . . . . .								
42	Corbett st . . . . .								
43	Pennoyer st . . . . .								
44	Ross st . . . . .								
	Total . . . . .	2	9	7	24	7	27	35	
								1163	

SEWER WORK DONE DURING 1892—Continued.

Manholes	NUMBER OF.			CUBIC YARDS.		
	Catch Basins	"S." Traps	Round Cor. Blks Dres'd and Laid.	Exca'n and Refilling	Excavation	Embankm't
5	6	6	6	1499		
2	3	3	3	4350		
9	12	12	12	2105	5075	2385
2	2	2	2	541		
4	5	5	6	960		
18	8	8	8	5656		
5	6	6	6	1650		
3	1	1	1	643		
2	1	1	1	278		
2	1	1	1	478		
3	3	3	3	517		
2	1	1	1	623		
12	7	7	7	1690	2098	3645
4	8	8	8	1496		
2	1	1	1	362		
2				360		764
2	4	4	4	350		
2	4	4	4	350		
2	6	6	6	390		
1				225		
8	4	4	4	2548		
2	3	3	3	593		
7	3	3	3	1698		
1	1	1	1	319		50
2	1	1	1	204		
2	2	2	2	381		
5	3	3	3	1063		
15	15	15	15	9634	1204	
1				165		
2				483		957
2	2	2	2	526		
13	4	4	4	8240	1593	8842
51	58	58	58	12458	344	628
9	2	2	2	1762		
2	2	2	2	430		
8	9	9	9	2255		
2				207		
1				198		
80				20000	1220	1000
				5000	5000	
9	7	7	7	2836		
3	2	2	2	529		109
7	7	7	7	2351		
316	204	204	205	98563	16534	18380





STREET WORK DONE IN 1892. (UNDER ORDINANCE.)

STREET WORK DONE IN 1892. (UNDER ORDINANCE.)

[CONTINUED.]

Number	NAME OF STREET	EXTENT OF IMPROVEMENT.
1	I st	From W. line 20th st. to E. line 22d st.
2	H st	W. line 22d st. to W. line 23d st.
3	N. 23d st	S. line F st. to S. line J st.
4	Laurel st	W. line 13th st. to W. line blks. 77 and 78
5	N. 18th st	C. line B st. to C. line F st
6	Pacific st	100 ft. E. of Maple st. to E. line 12th st
7	8th st	N. line Oregon st. to S. line Tillamook st.
8	N. 18th st	C. line M st. to S. line T st
9	L st	W. line 15th st. to E. line 14th st
10	Jackson st	W. line 15th st. to E. line Smith st
11	18th st	N. line Spring st. to S. line Clifton st
12	Missouri ave	N. line Multnomah to N. line Grant st
13	G st	C. line 3d st. to W. line N. W. Park st
14	Alder st	C. line 5th st. to W. line 15th st
15	Delay st	S. line Russell to intersection Goldsmith st
16	Pine st	F st. to Vancouver wagon road
17	Multnomah st	N. line Grover st. to S. line Curry st
18	2d st	N. line D st. to N. line C st
19	Elizabeth st	W. line 15th st. to W. line 17th st
20	S. 1st st	C. line 2d ave. to N. line 1st ave
21	Corbett st	C. line 2d ave. to C. line Lane st
22	S. 1st st	S. line 3d ave to N. line 4th ave
23	Davis st	W. line S. 1st st to E. line S. Front st
24	O st	C. line Laburnum ave to E. line Sunnyside
25	E. Park st	N. line G st. to S. line H st
26	Oregon st	E. line 3d st. to E. line 9th st
27	Borthwick st	S. line Russell st. to C. line Elliott st.
28	Salmon st	E. line Ford st. to E. line City Park
29	6th st	S. line Clay st. to S. line Salem st.
30	Irving st	W. line 23d to E. line 24th st
31	Broadway	E. line 24th st. to E. line city limits
32	H st	W. line N. 5th st. to C. line N. 8th st
33	Michigan ave	N. line Multnomah st. to N. line Cook ave
34	Laburnum ave	C. line K st. to C. line Hawthorne ave.
35	7th st	N. line Glisan st. to N. line Johnson st.
36	Adams st	N. line Pacific to S. line Holladay ave

DATE OF ESTIMATE.	No. of ORD'E.	CUBIC YARDS.					Sq. Yd. Stone Bl'ks.
		Excavation	Embankm't	Gravel.	Macadam.	Sand.	
July 30, 1891	6743	434	55		895		
May 24, 1891	6724	310	592				
" 25, 1891	6799	1280	1005				
Sept. 15, 1891	6827	1348	1705				
" 18, 1891	6933	445	42		808		
Oct. 3, 1891	6931	3644	1168	2798			
" 8, 1891	6934	9098	5911	2713			
" 26, 1891	7043	1004	5519	1916			
" 27, 1891	6976	174			200		
" 28, 1891	6970	337	421				
Nov. 9, 1891	7060	1062	485				
" 17, 1891	7067	26541	3535				
Dec. 1, 1891	7068	2019				673	5908
" 4, 1891	6902	19	170		862		
Jan. 2, 1892	7237	192					
" 11, 1892	7239	4199	9196				
" 13, 1892	7204	1418	23		942		
" 22, 1892	7177	193	4	303			
" 25, 1892	6857	181	112				
Feb. 3, 1892	7238	504	79				
" 6, 1892	7287	2394	1219				
" 5, 1892	7314	22	196				
" 9, 1892	7288	1076	123				
" 10, 1892	7315	116	79			88	800
" 25, 1892	7379	1595	590	1372			
" 26, 1892	7372	484	1				
Mch. 7, 1892	7436	2049	115				
" 7, 1892	7378	13793	231	1824			
" 30, 1892	7475	53	1187				
" 18, 1892	7434	991	172	469			
" 29, 1892	7377	1384	663			574	4711
" 23, 1892	7476	27030	6378				
" 26, 1892	7435	3400	3950				
Apr. 14, 1892	7477	198				366	3094
" 2, 1892	7506	359	27	200			

STREET WORK DONE IN 1892. (UNDER ORDINANCE.)  
[CONTINUED.]

Number	NAME OF STREET	LINEAL FEET.						
		Sidewalk.	Crosswalk.	Open gutter	Box gutter.	Stone gutter	Granite Crosswalk.	Cement or granite curb.
1	I st							
2	H st	818	144					
3	N. 23d st							
4	Laurel st	1383	276	2228	144			
5	N. 18th st							
6	Pacific st	3600	1386		756			
7	8th st	3537	864		432			
8	N. 18th st		792			475		
9	L st	400						
10	Jackson st	839		275				
11	18th st	820	36	1494				
12	Missouri av	6394	1004					
13	G st	112				2629		
14	Alder st	745	466			436		
15	Delay st							
16	Pine st	3788	1292					
17	Multnomah st	1380	576		280	400		
18	2d st				72			
19	Elizabeth st	942	110	966	36			
20	S. 1st st							
21	Corbett st	1122	425					
22	S. 1st st	905			80			
23	Davis st	300		300				
24	O st	1185	198	1257	90			
25	E. Park st	300						
26	Oregon st	1384	672		360			
27	Borthwick st							
28	Salmon st	1193	86	1289	72			
29	6th st	3050	624		300			
30	Irving st	870						
31	Broadway	876	372		192			
32	H st	1555				1680		
33	Michigan ave	6192	964		420			
34	Laburnum ave	2569	1228	4910	630			
35	7th st					945		
36	Adams st	250						

STREET WORK DONE IN 1892. (UNDER ORDINANCE.)  
[CONTINUED.]

New curb.	Curb relay.	Sidewalk without curb.	LINEAL FEET.							SQ. FT.		ACRES.
			1/2 bridge.	Decking.	1/2 Plank Roadway.	1/2 Plank roadway relay.	Sidewalk relay.	Crosswalk relay.	Bitumin rock.	Concrete.	Clearing and grubbing.	
				300								
	200			1468					600	99		
							219					
									12	132		
											25	

STREET WORK DONE IN 1892. (UNDER ORDINANCE.)  
[CONTINUED.]

Number	NAME OF STREET.	EXTENT OF IMPROVEMENT.
38	E. 12th st . . . . .	C. line Hancock st. to C. line Thompson st.
39	Twenty-third st . . . . .	N. line Thurman st. to S. line Wilson st.
40	Spring st . . . . .	E. line Lowndale st. to E. line 15th st.
41	Eugene st . . . . .	E. line Union Ave. to W. line E. 7th st.
42	E. 16th st . . . . .	S. line Holladay Ave. to S. line Belmont st.
43	Third st . . . . .	S. line Glisan st. to N. line Main st.
44	E. Sacramento st . . . . .	W. line E. 7th st. to E. line Union Ave.
45	Mississippi Ave . . . . .	N. line Russell st. to N. line Skidmore st.
46	E. 8th st . . . . .	C. l. E. Flanders st. to N. l. lot & K. Howard st.
47	Jackson st . . . . .	W. line W. Park to E. line 11th st.
48	E. Glisan st . . . . .	W. line E. 9th to W. line E. 12th st.
49	Thurman st . . . . .	W. line 14th st to 100 ft. W. of 14th st.
50	Idaho st . . . . .	W. line Macadam st. to E. line Wisconsin st.
51	Weidler st . . . . .	E. line Carter's Add. to E. line Wheeler st.
52	Vaughn st . . . . .	W. line 21st to E. line 27th st.
53	Washington st . . . . .	Int. of Burnside to 240 ft. W. of E. l. City Park
54	Gantenbein Ave . . . . .	C. line Russell st. to Center line Morris st.
55	E. Irving st . . . . .	E. line E. 3d to W. line E. 7th st.
56	Shaver st . . . . .	E. line Maryland Ave. to W. l. Williams Ave.
57	Beech st . . . . .	C. line Union Ave. to E. line Lincoln Park
58	E. 20th st . . . . .	N. line Hawthorne Ave. to S. line E. Stark st.
59	Twenty-fourth st . . . . .	N. line Johnson st. to S. curb line Northrup st.
60	Adams st . . . . .	S. line Holladay Ave. to S. line Hassalo st.
61	E. Hoyt st . . . . .	E. line E. 5th to W. line E. 6th st.
62	E. Stark st . . . . .	E. line E. 16th to W. line E. 20th st.
63	Kearney st . . . . .	E. line 24th st. to W. line 21st st.
64	E. Everett st . . . . .	E. line Union Ave. to W. line E. 12th st.
65	Northup st . . . . .	150 ft. W. of 16th to W. line 21st st.
66	Hood st . . . . .	90 ft. N. of Sheridan to 50 ft. S. of Sheridan
67	Hawthorne Ave . . . . .	18 ft. E. of C. l. E. Water to W. l. Stephens st.
68	Union Ave . . . . .	S. line Broadway to 40 ft. S. of Schuyler st.
69	Portland Boulevard . . . . .	Vancouver Ave. to Willamette Boulevard
70	E. 15th st . . . . .	S. line Division to N. line Clinton st.
71	E. 1st st . . . . .	C. line Hancock to C. line Broadway.
72	Third st . . . . .	C. line Lincoln st. to C. line Sheridan st.
	Total . . . . .	

STREET WORK DONE IN 1892. (UNDER ORDINANCE.)  
[CONTINUED.]

DATE OF ESTIMATE.	No. of ORD'S.	CUBIC YARDS.					Sq. Ys Stone Bl'ks
		Excavation.	Embank't.	Gravel.	Macadam.	Sand.	
April 27, 1892 . . . . .	7507	1480	423				
" 27, 1892 . . . . .	7508	45	1464	890			
" 11, 1892 . . . . .	7505	3123					
May 23, 1892 . . . . .	6530	126	1737				
" 23, 1892 . . . . .	7555	1327	354				
" 11, 1892 . . . . .	7559	3097	373	5302			
" 23, 1892 . . . . .	7609	4550					
June 8, 1892 . . . . .	7556	135	628				
May 11, 1892 . . . . .	7557	21653	4391				
June 8, 1892 . . . . .	7625	26231	9070	10000			
" 21, 1892 . . . . .	7636	602	30		400		
" 22, 1892 . . . . .	7608	2530	21	804			
" 21, 1892 . . . . .	7639	595			771		
July 5, 1892 . . . . .	7672	191	219				
" 12, 1892 . . . . .	7593	19618	2387	4773			
" 13, 1892 . . . . .	7640	12385	38				
" 25, 1892 . . . . .	7592	4263	603		1538		
" 26, 1892 . . . . .	7707	926	821	746			
" 25, 1892 . . . . .	7705	945	109	506			
" 20, 1892 . . . . .	7558	7318	867				
" 26, 1892 . . . . .	7706	3629	177				
Aug. 8, 1892 . . . . .	7708	1464	579				
" 9, 1892 . . . . .	7765	820	119				
" 17, 1892 . . . . .	7755	1390					
" 22, 1892 . . . . .	7787	624		200			
" 17, 1892 . . . . .	7759			1088			
" 18, 1892 . . . . .	7757	26	1437				
" 20, 1892 . . . . .	7756	2677	1915				
" 30, 1892 . . . . .	7758	259	295				
Sept. 27, 1892 . . . . .	7856						
" 12, 1892 . . . . .	7786	7503	1697				
Oct. 10, 1892 . . . . .	7857						
Sept. 10, 1892 . . . . .	7784	20000	250				
Oct. 20, 1892 . . . . .	7885	571	211				
Nov. 28, 1892 . . . . .	7977	284	8				
		103			236		
		262953	113585	35504	6652	1701	14513

## STREET WORK DONE IN 1892. (UNDER ORDINANCE.)

[CONTINUED.]

Number	NAME OF STREET.	LINEAL FEET.						
		Sidewalk.	Crosswalk.	Open gutter	Box gutter.	Stone gutter	Granite Crosswalk.	Cement or granite curb.
37	Russell st . . . . .	2307	.	.	.	.	.	.
38	E. 12th st . . . . .	1657	144	.	72	.	.	.
39	Twenty-third st . . . . .	1368	144	.	72	.	.	.
40	Spring st . . . . .	504	108	.	36	.	.	.
41	Eugene st . . . . .	1250	.	.	.	.	.	.
42	E. 16th st . . . . .	6969	1530	.	748	.	.	.
43	Third st . . . . .	.	.	.	.	.	648	.
44	E. Sacramento st . . . . .	1403	.	1403	.	.	.	.
45	Mississippi Ave . . . . .	1613	.	.	596	.	.	.
46	E. 8th st . . . . .	17792	3474	.	9008	.	.	.
47	Jackson st . . . . .	300	.	.	.	.	.	.
48	E. Glisan st . . . . .	672	426	.	216	.	.	.
49	Thurman st . . . . .	.	.	.	.	.	.	.
50	Idaho st . . . . .	2068	144	.	.	.	.	.
51	Weidler st . . . . .	6387	1746	.	826	.	.	.
52	Vaughn st . . . . .	5465	786	.	.	.	.	.
53	Washington st . . . . .	646	.	.	.	.	.	.
54	Gantenbein Ave . . . . .	1143	162	.	116	.	.	.
55	E. Irving st . . . . .	736	90	.	45	.	.	.
56	Shaver st . . . . .	4920	1582	.	.	.	.	.
57	Beech st . . . . .	4468	1110	.	555	.	.	.
58	E. 20th st . . . . .	3032	979	.	477	.	.	.
59	Twenty-fourth st . . . . .	1406	468	.	.	.	.	.
60	Adams st . . . . .	.	.	.	.	.	.	.
61	E. Hoyt st . . . . .	400	.	.	.	.	.	.
62	E. Stark st . . . . .	107	234	.	108	.	.	.
63	Kearney st . . . . .	1030	54	.	.	.	.	.
64	E. Everett st . . . . .	3340	.	.	.	.	.	.
65	Northup st . . . . .	472	54	1016	36	.	.	.
66	Hood st . . . . .	400	.	.	.	.	.	.
67	Hawthorne Ave. . . . .	2359	1670	.	.	.	.	.
68	Union Ave . . . . .	.	.	.	.	.	.	.
69	Portland Boulevard . . . . .	.	.	.	.	.	.	.
70	E. 15th st . . . . .	828	112	.	.	.	.	.
71	E. 1st st . . . . .	498	.	.	.	.	.	.
72	Third st . . . . .	.	.	.	.	.	.	.
	Total . . . . .	121041	25532	15638	16775	1311	5254	6484

xxviii

## STREET WORK DONE IN 1892. (UNDER ORDINANCE.)

[CONTINUED.]

LINEAL FEET.									SQUARE FEET.		ACRES.
New curb.	Curb relay.	Sidewalk without curb	½ bridge.	Decking.	½ Plank Roadway.	½ Plank Roadway relay.	Sidewalk relay.	Crosswalk relay.	Bitumin rock.	Concrete.	Clearing and Grubbing.
.	.	.	.	.	2484	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	182717	182717	.
.	.	.	2000	.	9929	.	1595	360	.	.	.
.	.	.	1726	.	.	.	.	.	.	.	.
.	75	139	.	.	.	.	.	.	148467	.	.
.	.	.	.	.	.	.	182	.	.	.	.
576	.	.	.	.	.	.	.	.	.	.	.
.	.	212	380	.	.	.	50	.	.	.	.
.	.	.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	60	.	.	.	.
.	.	.	1658	798	.	.	400	.	.	.	.
.	.	.	.	.	.	.	72	.	.	.	.
.	.	.	.	.	.	.	350	.	.	.	.
.	.	.	.	.	.	.	.	.	.	.	16
776	75	351	7532	798	14576	756	2389	798	331184	182717	16

xxix

## STREET WORK ESTIMATED IN 1892. (UNDER ORDINANCE)

## STREET WORK ESTIMATED IN 1892. (UNDER ORDINANCE.)

[CONTINUED.]

Number.	NAME OF STREET.	EXTENT OF IMPROVEMENT.
1	Pine st . . . . .	From F st. to Vancouver wagon road . . . . .
2	Delay st . . . . .	S. line Russell to Goldsmith st . . . . .
3	Multnomah st . . . . .	N. line Grover st. to S. line Curry st . . . . .
4	S. 2d st . . . . .	S. line Sheridan st. to N. line bridge . . . . .
5	2d st . . . . .	N. line D st. to N. line C st . . . . .
6	Elizabeth st . . . . .	W. line 15th st. to W. line 17th st . . . . .
7	S. 1st st . . . . .	C. line 2d ave. to N. line 1st ave . . . . .
8	Corbett st . . . . .	C. line 2d ave. to C. line Lane st . . . . .
9	S. 1st st . . . . .	S. line 3d ave to N. line 4th ave . . . . .
10	Davis st . . . . .	W. line S. Front st to E. line S. 1st st . . . . .
11	O st . . . . .	C. line Laburnum ave to E. line Sunnyside . . . . .
12	E. Park st . . . . .	N. line G st. to S. line H st . . . . .
13	Oregon st . . . . .	E. line 3d st. to E. line 9th st . . . . .
14	Borthwick st . . . . .	S. line Russell st. to C. line Elliott st. . . . .
15	Salmon st . . . . .	E. line Ford st. to E. line City Park . . . . .
16	6th st . . . . .	S. line Clay st. to S. line Salem st. . . . .
17	Irving st . . . . .	W. line 23d to E. line 24th st . . . . .
18	Broadway . . . . .	E. line 24th st. to E. boundary of city . . . . .
19	H st . . . . .	W. line N. 5th st. to C. line 8th st . . . . .
20	Michigan ave . . . . .	N. line Multnomah st. to N. line Cook ave . . . . .
21	Laburnum ave . . . . .	C. line K st. to C. line Hawthorne ave. . . . .
22	7th st . . . . .	N. line Glisan st. to N. line Johnson st. . . . .
23	Adams st . . . . .	N. line Pacific to N. line Holladay ave . . . . .
24	Russell st . . . . .	C. line Williams ave. to W. line Union ave . . . . .
25	E. 12th st . . . . .	C. line Hancock st. to C. line Thompson st . . . . .
26	23d st . . . . .	N. line Thurman st. to S. line Watson st . . . . .
27	Spring st . . . . .	E. line Lowndale to E. line 15th st . . . . .
28	Eugene st . . . . .	E. line Union ave. to W. line E. 7th st . . . . .
29	E. 16th st . . . . .	S. line Holladay ave. to S. line Belmont st . . . . .
30	3d st . . . . .	S. line Glisan to N. line Main st . . . . .
31	E. Sacramento . . . . .	N. line E. 7th st. to E. line Union ave . . . . .
32	Mississippi ave . . . . .	N. line Russell st. to N. line Skidmore st. . . . .
33	E. 8th st . . . . .	C. line E. Flanders to N. line lot 8, Riverside H'd . . . . .
34	Jackson st . . . . .	W. line W. Park st. to E. line 11th st . . . . .
35	E. Glisan st . . . . .	W. line E. 9th st. to W. line E. 12th st . . . . .
36	Thurman st . . . . .	W. line 14, to 100 ft. W. of 19th st . . . . .

xxx

DATE OF ESTIMATE.	No. of ORDIN'E.	CUBIC YARDS.			
		Excavation.	Embank'm't	Gravel.	Macadam.
Jan. 11, 1892 . . . . .	7239	4199	9196		
" 2, 1892 . . . . .	7237	192			
" 13, 1892 . . . . .	7204	1418	23		942
" 15, 1892 . . . . .	6746	87			81
" 22, 1892 . . . . .	7177	163	4	303	
" 22, 1892 . . . . .	7236	3598	2409		
" 25, 1892 . . . . .	6857	181	112		
Feb. 3, 1892 . . . . .	7238	504	79		
" 6, 1892 . . . . .	7287	2394	1219		
" 5, 1892 . . . . .	7314	22	196		
" 9, 1892 . . . . .	7288	1076	123		
" 10, 1892 . . . . .	7315	116	79		
" 25, 1892 . . . . .	7379	1595	590	1372	
" 26, 1892 . . . . .	7372	484	1		
Mch. 7, 1892 . . . . .	7436	2049	115		
" 7, 1892 . . . . .	7378	13793	231	1824	
" 30, 1892 . . . . .	7475	53	1187		
" 18, 1892 . . . . .	7434	991	172	469	
" 29, 1892 . . . . .	7377	1384	663		
" 23, 1892 . . . . .	7476	27030	6378		
" 26, 1892 . . . . .	7435	3400	3950		
Apr. 14, 1892 . . . . .	7477	198			
" 27, 1892 . . . . .	7506	359	27	200	
" 27, 1892 . . . . .	7507	1480	423		
" 27, 1892 . . . . .	7508	45	1464	890	
May 11, 1892 . . . . .	7505	3123			
" 23, 1892 . . . . .	6530	126	1737		
" 23, 1892 . . . . .	7555	1327	354		
" 11, 1892 . . . . .	7559	3097	373	5302	
" 23, 1892 . . . . .	7609	4549			
June 8, 1892 . . . . .	7556	135	628		
May 11, 1892 . . . . .	7557	21633	40391		
June 8, 1892 . . . . .	7625	26213	9070	10771	
" 21, 1892 . . . . .	7636	602	30		400
" 22, 1892 . . . . .	7608	2530	21	804	
" 21, 1892 . . . . .	6739	595			771

xxxi

## STREET WORK ESTIMATED IN 1892. (UNDER ORDINANCE.)

[CONTINUED.]

Number.	NAME OF STREET.	CUBIC YARDS.			SQ. YDS.	LINEAL FEET.		
		Sand.	Rock Excavation.	Rock Embankm't	Stone Bl'ks.	Cement or Bit. Rock Sidewalk.	Sidewalk.	
1	Pine st . . . . .						3787	
2	Delay st . . . . .							
3	Multnomah st . . . . .						1380	
4	S. 2d st . . . . .							
5	2d st . . . . .							
6	Elizabeth st . . . . .						942	
7	S. 1st st . . . . .							
8	Corbett st . . . . .						1121	
9	S. 1st st . . . . .						905	
10	Davis st . . . . .						300	
11	O st . . . . .						1185	
12	E. Park st . . . . .	89			800		300	
13	Oregon st . . . . .						1384	
14	Borthwick st . . . . .							
15	Salmon st . . . . .						1193	
16	6th st . . . . .						3050	
17	Irving st . . . . .						870	
18	Broadway . . . . .						876	
19	H st . . . . .	574			4710		1555	
20	Michigan ave . . . . .						6192	
21	Laburnum ave . . . . .						2569	
22	7th st . . . . .	366			3094			
23	Adams st . . . . .						250	
24	Russell st . . . . .						2307	
25	E. 12th st . . . . .						1657	
26	23d st . . . . .						1368	
27	Spring st . . . . .							
28	Eugene st . . . . .						1250	
29	E. 16th st . . . . .						6968	
30	3d st . . . . .							
31	E. Sacramento st . . . . .						1403	
32	Mississippi ave . . . . .						1613	
33	E. 8th st . . . . .						17793	
34	Jackson st . . . . .						300	
35	E. Glisan st . . . . .						672	
36	Thurman st . . . . .							

xxxii

## STREET WORK ESTIMATED IN 1892. (UNDER ORDINANCE.)

[CONTINUED.]

LINEAL FEET—Continued.							
Crosswalk.	Open Gutter.	Box Gutter.	Stone Gutter.	Granite Crosswalk.	Cement or Granite Curb.	New Curb.	Curb Relay.
1292							
576		280	400				
110	966	72	36				
425		80					
	905						
	300						
198	1257	90					
627		360					
86	1289	72					
624		300					
372		192					
				1680			
964		420					
1228	4909	630					
				945			
144		72					
144		72					
108		36					
1530		748					
					6483		
	1403						
		596					
3474		1908					
426		216					

xxxiii





## STREET WORK ESTIMATED IN 1892. (UNDER ORDINANCE.)

[CONTINUED.]

Number	NAME OF STREET	EXTENT OF IMPROVEMENT.
37	Idaho st . . . . .	From W. line Macadam st. to E. line Wisconsin st
38	Weidler st . . . . .	E. line Carter's Add. to E. line Wheeler st.
39	Vaughn st . . . . .	W. line 21st to E. line 27th st . . . . .
40	Washington st . . . . .	Int. of Burnside to 240 ft. W. of E. l. City Park
41	Gantenbein ave . . . . .	C. line Russell st. to Center line Morris st . . . . .
42	E. Irving st . . . . .	E. line E. 3d to W. line E. 7th st . . . . .
43	Minnesota ave . . . . .	N. line Cook ave to N. line Multnomah st . . . . .
44	Montana ave . . . . .	N. line Fremont to N. line Multnomah st . . . . .
45	Shaver st . . . . .	E. line Maryland ave. to E. l. Williams ave.
46	Beech st . . . . .	C. line Union ave. to E. line Lincoln Park . . . . .
47	E. 20th st . . . . .	N. line Hawthorne ave. to S. line E. Stark . . . . .
48	24th st . . . . .	N. line Johnson st. to S. curb line Northup st
49	Adams st . . . . .	S. line Holladay ave. to S. line Hassalo st . . . . .
50	E. Hoyt st . . . . .	E. line E. 1st to W. line E. 6th st . . . . .
51	E. Stark st . . . . .	E. line E. 16th to W. line E. 20th st . . . . .
52	Kearney st . . . . .	W. line 21st st. to E. line 24th st . . . . .
53	Northup st . . . . .	100 ft. W. of E. line 16th to W. line 21st st . . . . .
54	E. Everett st . . . . .	E. line Union ave. to W. line E. 12th st . . . . .
55	Morrison st . . . . .	12 ft. E. of W. line Front to E. line Chapman . . . . .
56	Hood st . . . . .	90 ft. N. of Sheridan to 50 ft. S. of Sheridan . . . . .
57	Hawthorne ave . . . . .	18 ft. E. of C. l. E. Water to E. l. Stephens DLC . . . . .
58	Union ave . . . . .	S. line Broadway to 40 ft. S. of Schuyler st . . . . .
59	Portland Boulevard . . . . .	Vancouver ave. to Willamette Boulevard . . . . .
60	E. 15th st . . . . .	S. line Division to N. line Clinton st . . . . .
61	Willamette st . . . . .	E. line 12th to intersection with Sandy road . . . . .
62	Vancouver ave . . . . .	N. C. line Russell to S. line Morris st . . . . .
63	Park blocks . . . . .	
64	A, now E. 24th st . . . . .	S. l. blk 1, J. Irvings Add to N. l. Tillamook . . . . .
65	E. 3d st . . . . .	N. l. E. Washington to 80 ft. S. of N. l. E. Oak . . . . .
66	E. 1st st . . . . .	C. line Hancock to C. line Broadway . . . . .
67	Minnesota ave . . . . .	C. line Fremont st. to N. line Beech st . . . . .
68	Cambridge st . . . . .	E. line Union ave. to W. line E. 9th st . . . . .
69	E. 8th st . . . . .	N. line Ainsworth ave. to N. line Dekum ave . . . . .
70	E. Morrison st . . . . .	80 ft. E. of E. 7th to W. line E. 8th st . . . . .
71	17th st . . . . .	N. line Quimby st. to C. line Northup st . . . . .
72	E. Oak st . . . . .	50 ft. E. of E. 2d to E. line E. Water st . . . . .
73	Wasco st . . . . .	W. line E. 3d to C. line E. 9th . . . . .
74	3d st . . . . .	C. line Lincoln st. to S. line Sheridan st . . . . .
75	Union ave . . . . .	C. line Morris to N. line Prescott . . . . .
76	Burnside st . . . . .	W. line 3d to int. Burnside and Washington . . . . .
Totals . . . . .		

xxxvi

## STREET WORK ESTIMATED IN 1892. (UNDER ORDINANCE.)

[CONTINUED.]

DATE OF ESTIMATE.	No. of ORDIN 'E.	CUBIC YARDS.			
		Excavation.	Embankment	Gravel.	Macadam.
July 5, 1892 . . . . .	7672	191	219		
" 12, 1892 . . . . .	7593	19618	2387	4773	
" 13, 1892 . . . . .	7640	12385			
June 25, 1892 . . . . .	7592	4263	603		
July 26, 1892 . . . . .	7707	1448	2235	1428	
" 25, 1892 . . . . .	7705	495	109	506	
" 20, 1892 . . . . .	7670	23461	3794		
" 19, 1892 . . . . .	7637	6238	10427		
" 20, 1892 . . . . .	7558	7318	867		
" 26, 1892 . . . . .	7706	3629	577		
Aug. 8, 1892 . . . . .	7708	1464	179	2255	
" 19, 1892 . . . . .	7765	820	119		
" 17, 1892 . . . . .	7755	1390		200	
" 22, 1892 . . . . .	7787	624		200	
" 17, 1892 . . . . .	7759			1088	
" 18, 1892 . . . . .	7757	28	13092		
" 30, 1892 . . . . .	7758	375	1733		
" 20, 1892 . . . . .	7756	2677	1915	1939	
Nov. 3, 1892 . . . . .	7952	4881			
Sept. 27, 1892 . . . . .	7856				
" 12, 1892 . . . . .	7786	7503	1697	3094	
Oct. 10, 1892 . . . . .	7857				
		36000	250		
Sept. 10, 1892 . . . . .	7784	571	211		
Oct. 6, 1892 . . . . .	6968	2467	211	1613	
Sept. 9, 1892 . . . . .	7787	2657	379	1713	
Oct. 7, 1892 . . . . .	7738	4145	2321	1758	
" 20, 1892 . . . . .	7886				
" 20, 1892 . . . . .	7885	284	8		
" 20, 1892 . . . . .	7888	2169	520		
Nov. 1, 1892 . . . . .	7907	4139			
" 21, 1892 . . . . .	7908	5991			
" 18, 1892 . . . . .	7910				
" 2, 1892 . . . . .	7912				
" 17, 1892 . . . . .	7909				
" 26, 1892 . . . . .	7914	412	856	670	
" 28, 1892 . . . . .	7977	103			236
Dec. 12, 1892 . . . . .	7913	22941	7631	6660	
Nov. 4, 1892 . . . . .	7959				
		321426	133622	49832	2430

xxxvii

## STREET WORK ESTIMATED IN 1892. (UNDER ORDINANCE)

[CONTINUED.]

Number.	NAME OF STREET.	CUBIC YARDS.			SQ. YDS.	LINEAL FEET.		
		Sand.	Rock Excavation.	Rock Embankm't		Stone Bl'ks.	Cement or Bit. Rock Sidewalk.	Sidewalk.
37	Idaho st . . . . .						2068	
38	Weidler st . . . . .						6386	
39	Vaughn st . . . . .						5465	
40	Washington st . . . . .			1538			646	
41	Gantenbein ave . . . . .						1727	
42	E. Irving st . . . . .						736	
43	Minnesota ave . . . . .						6100	
44	Montana ave . . . . .						4772	
45	Shaver st . . . . .						4920	
46	Beech st . . . . .						4468	
47	E. 20th st . . . . .						3032	
48	24th st . . . . .						1406	
49	Adams st . . . . .						400	
50	E. Hoyt st . . . . .						400	
51	E. Stark st . . . . .						107	
52	Kearney st . . . . .						1750	
53	Northrup st . . . . .						1350	
54	E. Everett st . . . . .						3340	
55	Morrison st . . . . .						400	
56	Hood st . . . . .						400	
57	Hawthorne ave . . . . .						2359	
58	Union ave . . . . .						828	
59	Portland Boulevard . . . . .						3049	
60	E. 15th st . . . . .						2288	
61	Willamette st . . . . .						992	
62	Vancouver ave . . . . .						2108	
63	Park blocks . . . . .						498	
64	A, now E. 24th st . . . . .						1514	
65	E. 3d st . . . . .						1527	
66	E. 1st st . . . . .						916	
67	Minnesota ave . . . . .						7328	
68	Cambridge st . . . . .						1442	
69	E. 8th st . . . . .						494	
70	E. Morrison st . . . . .						1442	
71	17th st . . . . .						494	
72	E. Oak st . . . . .							
73	Wasco st . . . . .							
74	3d st . . . . .							
75	Union ave . . . . .							
76	Burnside st . . . . .							
	Totals . . . . .	1029	1442	2032	8604	992	135054	

xxxviii

## STREET WORK ESTIMATED IN 1892. (UNDER ORDINANCE.)

[CONTINUED.]

LINEAL FEET—Continued.							
Crosswalk.	Open gutter.	Box gutter.	Stone gutter.	Granite Crosswalk.	Cement or Granite Curb.	New Curb.	Curb relay.
144							
1746		826					
786							
312		196					75
90		45					
932		456					
676	5180	416					
1582						574	
1110		555					
979		477					
468							
234		108					
54							
270		360				50	
720		36					
					5712		
1670							
112							
858		444					
482							
569		123				24	
522	3788	241					
236		133					
1365		567					
					6558		
28573	19997	11363	400	2625	18753	650	75

xxxix

## STREET WORK ESTIMATED IN 1892. (UNDER ORDINANCE.)

[CONTINUED.]

Number.	NAME OF STREET.	LINEAL FEET—Continued.				
		Sidewalk without curb.	$\frac{1}{2}$ Bridge.	Decking.	Plank Roadway.	$\frac{1}{2}$ Bridge Replanking
37	Idaho st . . . . .					
38	Weidler st . . . . .		1726			
39	Vaughn st . . . . .					
40	Washington st . . . . .	646				
41	Gantenbein Ave . . . . .					
42	E. Irving st . . . . .					
43	Minnesota ave . . . . .					
44	Montana ave . . . . .					
45	Shaver st . . . . .					
46	Beech st . . . . .					
47	E. 20th st . . . . .	212	380			
48	24th st . . . . .					
49	Adams st . . . . .					
50	E. Hoyt st . . . . .					
51	E. Stark st . . . . .					
52	Kearney st . . . . .					
53	Northup st . . . . .					
54	E. Everett st . . . . .					
55	Morrison st . . . . .					
56	Hood st . . . . .					
57	Hawthorne Ave . . . . .		1568	798		
58	Union Ave . . . . .					
59	Portland Boulevard . . . . .					
60	E. 15th st . . . . .					
61	Willamette st . . . . .					
62	Vancouver ave . . . . .					
63	Park block . . . . .					
64	A, now E. 24th st . . . . .					
65	E. 3d st . . . . .				750	
66	E. 1st st . . . . .					
67	Minnesota ave . . . . .					
68	Cambridge st . . . . .					
69	E. 8th st . . . . .					
70	E. Morrison st . . . . .		240			
71	17th st . . . . .				1620	
72	E. Oak st . . . . .				1124	
73	Wasco st . . . . .					
74	3d st . . . . .					
75	Union ave . . . . .					
76	Burnside st . . . . .					
	Total . . . . .	858	6049	798	14576	3494

xl

## STREET WORK ESTIMATED IN 1892. (UNDER ORDINANCE.)

[CONTINUED.]

LINEAL FEET—Continued.				SQUARE YARDS.			ACR'S
Plank Roadway relay.	Sidewalk relay.	Crosswalk relay.	Stone Blocks.	Asphalt.	Bituminous Rock.	Concrete.	Clearing and grubbing.
		216			148466		
	50						
	60						
			1200	177691		177691	
400							
	72						
350							18
	72	80					
	40						
					122866		
756	1901	813	1200	177691	454048	360407	18

xli

## STREET EXTENSION SURVEYS IN 1892.

Number	NAME OF STREETS.	Length of Survey in Miles.	Date of Survey.	Area in Square Feet Appropriated.
1	Twenty-fourth st . . . . .	0.10	Jan. 22	1020
2	Freemont st . . . . .	0.30	" 22	80629
3	Hawthorne Ave . . . . .	0.70	" 28	25635
4	Vancouver Ave . . . . .	0.30	" 29	21912
5	Hendricks st . . . . .	0.20	Feb'y 2	68922
6	E. 1st st . . . . .	0.20	" 9	6791
7	E. Alder st . . . . .	0.20	" 19	58800
8	Clackamas st . . . . .	0.02	" 19	5428
9	Harrison Ave . . . . .	0.13	March 5	37023
10	Portland Boulevard . . . . .	1.50	" 10	95728
11	Davis st . . . . .	0.10	" 8	27600
12	Ellsworth st . . . . .	0.15	" 11	18000
13	Cable st . . . . .	0.15	" 24	8140
14	E. 19th st . . . . .	0.15	April 11	38975
15	E. Salmon st . . . . .	0.15	" 11	10459
16	Karl st . . . . .	0.03	" 28	5900
17	Powell st . . . . .	0.40	May 9	76250
18	E. Stark st . . . . .	0.20	" 17	43850
19	E. 5th st . . . . .	0.70	" 23	60000
20	Belmont st . . . . .	1.20	June 15	135436
21	E. 15th st . . . . .	0.25	" 24	45600
22	E. 18th st . . . . .	0.60	July 11	141271
23	Dawson st . . . . .	0.90	" 27	215880
24	E. 5th st . . . . .	0.53	Sept. 12	44000
25	Twenty-sixth st . . . . .	0.01	" 16	4403
26	Fifth st . . . . .	0.15	" 20	34368
27	Thurman st . . . . .	0.04	" 27	11796
28	Corbett st . . . . .	0.75	" 30	239940
		10.11		1,563,756

## STREET EXTENSION SURVEYS IN 1892.—Continued.

DESCRIPTION OF SURVEY.
From the south line of Vaughn st. to the north line of Thurman st.
From the west line of Mitchell st. to the west line of Vancouver ave.
From the west line of east 11th st. to the wharf line of the Willamette river.
From the north line of Russell st. to the south line of Morris st.
From the north line of Morris st. to the north line of Freemont st.
From the south line of Multnomah st. to the north line of Cherry st.
From the east line of East 12th st. to the west line of East 16th st.
From the east line of Quincy st. to the west line of East 1st st.
From the west line of 1st street Terraces to intersection of 1st and Lane sts.
From the west line of Vancouver ave. to Willamette boulevard.
From the west line of 22d st. to the east line of 23d st.
From the east line of East 6th st. to the west line of East 9th st.
From the n. line of Terrace road to intersection of Cable st. in Market st. add.
From the north line of E. Oak st. to the south line of East Ankeny st.
From the east line of East 18th st. to the west line of East 21st st.
From the w.l.of the right of way of the O.&C.R. east'y to w.l.of Smith's add.
From the center line of Milwaukie st. to the center line of East 19th st.
From the east line of East 12th st. to the west line of East 16th st.
From the north line of East Stark st. to the south line of Holladay ave.
From the east line of East 16th st. to the City limits.
From the north line of Belmont st. to the south line of East Oak st.
From the south line of Oregon st. to the north line of East Stark st.
From the east line of McKenna ave. to the south line of the City Park.
From the south line of East Stark st. to the north line of East Clay st.
From the north line of the D. Balch D.L.C. to the north line of Thurman st.
From a point 200 ft. s. of the s. line of Sheridan st. to the s. line of Hooker st.
From the west line of Balch's add. to the west line of 28th st.
From the present southerly terminus of Corbett st. to a connection of the present northerly terminus of Wisconsin st. in Southern Portland.

WORK DONE UNDER PERMIT IN 1892.

NUMBER OF PERMITS ISSUED : 1281	CUBIC YARDS.				LINEAL FEET.											SQ. FEET.
	Excavation.	Embankment.	Gravel.	Macadam.	Stone Block Pavement.	Sidewalk.	Crosswalk.	Box Gutter.	Open Gutter.	Curb.	Cement Walk	Stone Curb.	Plank Road'y	Asphalt Walk	Bituminous Rock Sidewalk.	Bituminous Rock Road'y.
	444257	99705	47217	410	3802	134397	453	5180	2123	402	18409	1895	565	1058	2331	7200
Total . .	444257	99705	47217	410	3802	134397	453	5180	2123	402	18409	1895	565	1058	2331	7200

1118

RECAPITULATION OF WORK ESTIMATED IN 1892.

WORK UNDER	LINEAL FEET.														
	SIDEWALK.									CROSSWALK.			GUTTER.		
	New.	Relay.	Cement.	Asphalt.	Bituminous Rock.	Curb.	Without Curb.	Cement or Granite Curb.	New.	Granite or Stone.	Relay.	Box.	Open.	Stone.	
Permit . . . . .	134397		18409	1058	2331	402		1895	453			5180	2123		
Ordinance . . . . .	135054	1901	992			650	858	18753	28573	2625	813	11363	19997	400	
Totals . . . . .	269451	1901	19401	1058	2331	1052	858	20648	29026	2625	813	16543	22120	400	

1118

RECAPITULATION OF WORK ESTIMATED IN 1892—Continued.

WORK UNDER	LINEAL FEET.										CUBIC YARDS.			
	½ Plank Roadway.	½ Bridge	Box and Trestle Support.	Decking.	Plank Roadway Relay.	Piling.	Sewer Pipe Laid.	Pile Foundation.	Plank Foundation.	½ Bridge Replanking.	Excavation.	Embankment.	Excavation and Refilling.	Macadam.
Permit . . . . .	565										444257	99705		410
Ordinance . . . . .	14576	6049	1540	798	756	46	105224	300	100	3494	344656	154394	144769	2430
Totals . . . . .	15141	6049	1540	798	756	46	105224	300	100	3494	788913	254099	144769	2840

RECAPITULATION OF WORK ESTIMATED IN 1892—Continued.

WORK UNDER	CUBIC YARDS.			NUMBER OF							SQUARE FEET.			SQ. YDS.	B. M.	ACRES.
	Gravel.	Concrete.	Sand.	Manholes.	Straps.	Round Corner Blocks.	V Branches.	Catch Basins.	Wing Walls.	Bitumen.	Concrete.	Asphalt.	Stone Blocks.			
Permit . . . . .	23608									7200			14210			
Ordinance . . . . .	49832	362337	1029	368	349	349	8490	349	10	454048	362337	177691	8670	5200	18	
Totals . . . . .	73440	362337	1029	368	349	349	8490	349	10	461248	362337	177691	22880	5200	18	

RECAPITULATION OF WORK DONE IN 1892.

WORK DONE UNDER	LINEAL FEET.														
	SIDEWALK.								CROSSWALK.			GUTTER.			
	New.	Relay.	Cement.	Asphalt.	Bituminous Rock.	Curb.	Without Curb.	Cement or Granite Curb.	New.	Granite or Stone.	Relay.	Box.	Open.	Stone.	
Permit . . . . .	134397		18409	1058	2331	402		1095	453			5180	2123		
Ordinance . . . . .	121041	2389				776	351	6484	25532	5254	798	16775	15638	1311	
Totals . . . . .	255438	2389	18409	1058	2331	1178	351	8379	25985	5254	798	21955	17761	1311	

RECAPITULATION OF WORK DONE IN 1892—Continued.

WORK DONE UNDER	LINEAL FEET.										CUBIC YARDS.			
	½ Plank Roadway.	½ Bridge	Box and Trestle Support.	Decking.	Plank Roadway Relay.	Piling.	Sewer Pipe Laid.	Pile Foundation.	Plank Foundation.	Macadam taken up and relaid.	Excavation.	Embankment.	Excavation and Refilling.	Macadam.
Permit . . . . .	565										444257	99705		410
Ordinance . . . . .	14576	7532	2562	798	756	60	87894	50	100	5490	289224	122365	98563	6652
Totals . . . . .	15141	7532	2562	798	756	60	87894	50	100	5490	733481	232070	98563	7062

RECAPITULATION OF WORK DONE IN 1892—Continued.

WORK DONE UNDER	CUBIC YARDS.			NUMBER OF						SQUARE FEET.		Stone Blocks.	B. M.	Clearing and Grubbing.	ACRES.
	Gravel.	Concrete.	Sand.	Manholes.	Straps.	Round Corner Blocks.	Y Branches.	Catch Basins.	Wing Walls.	Bitumen.	Concrete.	SQ. YDS.	Lumber.		
Permit . . . . .	23608	2975	1701	316	204	204	6711	204		7200		14210			16
Ordinance . . . . .	35504	2975	1701	316	204	204	6711	204	6	331184	182717	14513	142300		
Totals . . . . .	59112	2975	1701	316	204	204	6711	204	6	338384	182717	28723	142300		16

INVENTORY OF PROPERTY IN CITY SURVEYOR'S DEPARTMENT AT THE END OF THE YEAR 1892.

- 4 draughting tables and trestles.
- 3 office stools.
- 1 roll top desk.
- 6 cuspidores.
- 10 chairs.
- 1 map of city in three parts (old)
- 1 Dumpy level and box (N. G.)
- 1 dozen rubber erasers.
- 6 iron paper weights.
- 1 estimate sheet case with drawers.
- 1 profile index.
- 1 Hasswell engineering book.
- 1 carpet.
- 6 axes.
- 19 record books.
- 500 blank street and sewer estimate sheets.
- 1 box eyelets.
- 3 engineers scales.
- 1 roll blue print paper.
- 3 transparent triangles.
- 2 French curves.
- 1 wood straight edge.
- 1 paper protractor.
- 1 pound line tacks.
- 1 1/2 dozen field books
- 2 grade books.
- 5 certificate books.
- 1 Lewis & Dryden Atlas.
- 2 map portfolios.
- 1 copy press and stand.
- 75 lithographed grade charts.
- 20 feet office railing and fixtures.
- 1 map of Albina (Brooks).
- 1 1/2 rolls Paragon mounted draft paper
- 7 steel line rods.
- 4 stoves and pipes.
- 3 office desks.
- 4 coal scuttles.
- 4 double gas fixtures.
- 2 rooms linoleum.
- 1 surveyor's level and box (fairly good)
- 2 transits and boxes.
- 2 metal erasers.
- 1 map case.
- 1 map index.
- Maps, profiles, indices, pen-holders, pens, rubber bands, rubber stamps, and miscellaneous draughting instruments.
- 300 cross section sheets.
- 7 steel line rods.
- 1 eyelet punch.
- 1 arm rest.
- 5 rolls Imperial tracing cloth.
- 1/2 dozen rubber triangles.
- 2 wood triangles.
- 1 T square.
- 1 horn protractor.
- 6 order books.
- 12 plumb bobs.
- 1 county map.
- 3 grade charts.
- 6 window shades.
- 2 map racks.
- 270 recorded plats and dedications.
- 1 feather duster.
- 1 Beam compass.
- 1 city directory.
- 1 map of Portland (Habershams).
- 1 60-inch steel straight edge.



POLICE JUDGE'S REPORT.

OFFICE OF POLICE JUDGE, CITY OF PORTLAND, }  
PORTLAND, OR., December 31, 1892. }

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

GENTLEMEN: Herewith I present my abstract of cases (city and state) disposed of in the Police Court of the City of Portland, Oregon, during the year A. D. 1892, with the fines and costs collected therein. The following is a summary of the same:

<i>First Quarter, ending March 31, 1892—</i>	
Fines and costs collected . . . . .	\$ 2,252 50
<i>Second Quarter, ending June 30, 1892—</i>	
Fines and costs collected in state and city cases.	\$ 1,669 00
<i>Third Quarter, ending September 30, 1892—</i>	
Fines collected in state cases . . . . .	\$ 213 00
Fines collected in city cases . . . . .	5,857 50
Costs collected in state cases . . . . .	37 50
Total . . . . .	\$ 6,108 00
<i>Fourth Quarter, ending December 31, 1892—</i>	
Fines and costs collected . . . . .	\$ 4,477 00

## RECAPITULATION.

Total for quarter ending March 31, 1892 . . . . .	\$ 2,252 50
Total for quarter ending June 30, 1892 . . . . .	1,669 00
Total for quarter ending September 30, 1892 . . . . .	6,108 00
Total for quarter ending December 31, 1892 . . . . .	4,477 00

Total for the year ending December 31, 1892 . \$ 14,506 50

Very respectfully,

CHAS. H. CAREY,

*Police Judge of the City of Portland.*

## POLICE COMMISSIONERS' REPORT.

OFFICE OF BOARD OF POLICE COMMISSIONERS, }  
PORTLAND, OR. December 31, 1892. }

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

GENTLEMEN: We respectfully present the following account of the expenses of the Police department for the year 1892:

<i>Appropriated for—</i>	<i>Estimated for Year 1892.</i>	<i>Actual Expenditures.</i>
Pay of police . . . . .	\$105,408 00	\$ 95,879 19
Board of prisoners . . . . .	4,500 00	2,720 77
Expenses of police building . . . . .	5,000 00	5,593 49
Care indigent sick . . . . .	800 00	608 40
Medical attendance . . . . .	250 00	124 00
Contingent expenses . . . . .	500 00	517 45
Expense of patrol wagon, including feed for four horses . . . . .	1,000 00	975 57
One patrol wagon, new . . . . .	900 00	-----
One horse for mounted officer . . . . .	125 00	-----
One saddle and bridle . . . . .	30 00	-----
Feed for horse . . . . .	200 00	184 75
Belts and clubs . . . . .	300 00	51 00
Totals . . . . .	\$119,013 00	\$107,431 34

In addition to the above, we have received from your honorable body a special appropriation of \$5,800 for necessary alterations in the city jail. These alterations included, according to the plans and specifications presented at the time, an entirely new drainage system, new plumbing throughout the building, a new roof, a

hydraulic elevator to make the third floor available for police purposes, remodeling and renovating the cells, and entirely new and enlarged stable accommodations. In addition to these alterations, it was found during their course that others were required to make the necessary changes in the department to put it upon a proper metropolitan basis. The total expenditures for this purpose, including the architect's fees, amounted to \$6,576.72, thus exceeding the special appropriation by \$776.72.

Thus, the total receipts of the department for the year 1892 were, \$114,147.19, and the total expenditures, for all of which duly attested bills have been furnished to your body, were \$114,008.06.

We herewith submit our estimate of the cost of conducting the Police Department for the year 1893, as required by section 73 of the city charter. This estimate is founded upon the careful consideration of the necessities, we may say demands of our growing city, and with a view of extending police protection to districts imperatively requiring same. It is necessary, also, for the efficiency of the department, that the call box system be extended upon the east side of the river. Our estimates in each particular have been made with a view to the strictest economy permitting efficient service.

REQUIREMENTS FOR 1893.

Chief of Police . . . . .	\$ 3,000 00
6 Captains of Police . . . . .	9,000 00
1 License officer . . . . .	1,500 00
1 Clerk of Commissioners . . . . .	1,200 00

1 Clerk of Chief of Police (tax department) . . . . .	1,500 00
5 Detectives . . . . .	6,000 00
1 Officer of Humane Society . . . . .	1,080 00
1 Officer Boys and Girls Aid Society . . . . .	1,080 00
3 Officers in Health Department . . . . .	3,240 00
90 Patrolmen, including guards, drivers and jailors.	97,200 00
1 Matron . . . . .	600 00
1 Electrician . . . . .	600 00
1 Lineman . . . . .	300 00
Extending call boxes on East Side . . . . .	4,500 00
Current expenses, including fuel, light, printing, telephones, telegraphs, traveling expenses, rents and all contingents . . . . .	5,500 00
Board of prisoners . . . . .	4,000 00
Care of indigent sick and medical attendance . . . . .	1,000 00
Expense of patrol wagon, including feed for four horses . . . . .	1,000 00
10 horses and equipments for mounted police . . . . .	1,500 00
Feed for horses . . . . .	1,200 00
Total . . . . .	\$145,000 00

And we respectfully ask that this amount be placed to the credit of the police fund for the year 1893.

Accompanying this we hand you the report of the Chief of Police. Changes recently inaugurated will make these reports statistical in the future.

We have the honor to remain yours respectfully,

B. P. CARDWELL,  
D. SOLIS COHEN,  
FRANK L. LOGAN,  
*Board of Police Commissioners.*

ANNUAL REPORT  
—OF—  
C. H. HUNT, CHIEF OF POLICE.

*For the Year Ending December 31, 1892.*

OFFICE OF THE CHIEF OF POLICE, }  
PORTLAND, December 31, 1892. }

*To the Honorable Board of Police Commissioners of the  
City of Portland:*

GENTLEMEN: I herewith submit my annual report  
of the workings of the Police Department for the year  
ending December 31, 1892.

ARRESTS BY MONTHS.

January . . . . .	526
February . . . . .	293
March . . . . .	284
April . . . . .	312
May . . . . .	344
June . . . . .	270
July . . . . .	410
August . . . . .	634
September . . . . .	584
October . . . . .	442
November . . . . .	379
December . . . . .	418
Total . . . . .	4,896

## CRIMES FOR WHICH ARRESTED.

Abusive language . . . . .	51
Assault and battery . . . . .	135
Assault with dangerous weapon . . . . .	25
Assault to kill . . . . .	14
Adultery . . . . .	9
Attempt to kill . . . . .	1
Burglary . . . . .	11
Bigamy . . . . .	1
Begging . . . . .	74
Carrying concealed weapons . . . . .	29
Cruelty to animals . . . . .	16
Contempt of court . . . . .	---
Drunk . . . . .	1,711
Drunk and disorderly . . . . .	387
Disorderly . . . . .	460
Deserters from the United States army . . . . .	4
Defacing buildings . . . . .	19
En route . . . . .	15
Forgery . . . . .	9
Gambling . . . . .	394
Held as witness . . . . .	24
Incest . . . . .	---
Keeping bawdy houses . . . . .	27
Kidnapping . . . . .	2
Larceny . . . . .	356
Larceny by bailee . . . . .	1
Murder . . . . .	2
Mayhem . . . . .	1
Obtaining money under false pretenses . . . . .	15
On telegrams . . . . .	1
Perjury . . . . .	---
Receiving stolen goods . . . . .	---
Robbing . . . . .	7

Roaming streets . . . . .	143
Rape . . . . .	1
Seduction . . . . .	3
Selling liquor to minors . . . . .	6
Trespass . . . . .	291
Threat to commit felony . . . . .	1
Threat to kill . . . . .	15
Vagrancy . . . . .	126
Discharging firearms within city limits . . . . .	6
Abduction . . . . .	2
Arson . . . . .	2
Smoking opium . . . . .	1
Insane . . . . .	26
Inmate of bawdy house . . . . .	149
Selling liquor to minors . . . . .	4
Attempt to rape . . . . .	3
Resisting officer . . . . .	6
Sent to reform school . . . . .	3
Dumping garbage . . . . .	4
Counterfeiting . . . . .	1
Detaching service pipe from main . . . . .	1
Peddling without license . . . . .	23
Fugitives from justice . . . . .	3
Malicious injury to property . . . . .	10
Lewd cohabitation . . . . .	7
Manslaughter . . . . .	6
Indecent practice . . . . .	1
Fast driving . . . . .	7
Driving cattle on sidewalk . . . . .	1
Riding on sidewalk . . . . .	2
Embezzlement . . . . .	25
Refusing to move on . . . . .	2
Maintaining a nuisance . . . . .	8
Keeping disorderly house . . . . .	60
Soliciting for prostitution . . . . .	59

Obstructing sidewalk . . . . .	34
Hauling swill . . . . .	21
Hauling without license . . . . .	1
Selling liquor to drunken man . . . . .	2
Selling liquor after one o'clock . . . . .	4
Failing to erect barricade . . . . .	1
Fortune telling without license . . . . .	7
Employing woman as bartender . . . . .	2
Posting bills without license . . . . .	1
Handcart on sidewalk . . . . .	2
Minors in barroom . . . . .	1
Buying stolen goods . . . . .	1
Detained by request of parents . . . . .	1
Held by Chief for assistance and care . . . . .	1
Failing to give certificate of death . . . . .	1
Defective plumbing . . . . .	2
Sent to Refuge Home . . . . .	3
Permitting cow to roam at large . . . . .	1
Permitting stagnant water to remain . . . . .	1
Total . . . . .	<u>4,896</u>

Number of lodgers accommodated during the year is 611, and is by month as follows:

January . . . . .	97
February . . . . .	122
March . . . . .	37
April . . . . .	72
May . . . . .	34
June . . . . .	35
July . . . . .	21
August . . . . .	18
September . . . . .	20
October . . . . .	19
November . . . . .	54
December . . . . .	82
Total . . . . .	<u>611</u>

Number of runs made by patrol wagon . . . . .	2,878
Number of days work by prisoners . . . . .	4,530

NATIVITY OF CRIMINALS.

Nativity of criminals for year 1892 are as follows:

American . . . . .	2,157
English . . . . .	55
Scotch . . . . .	27
Irish . . . . .	1,141
German . . . . .	581
Swedes and Norwegians . . . . .	190
Dane . . . . .	2
French . . . . .	110
Italian . . . . .	52
Russian . . . . .	16
Chinese . . . . .	437
Japanese . . . . .	44
East Indian . . . . .	1
Indian . . . . .	5
Swiss . . . . .	2
Mexican . . . . .	3
Spanish . . . . .	4
Greek . . . . .	3
Negro . . . . .	21
Arabs and Syrians . . . . .	2
Total . . . . .	<u>4,853</u>

COLLECTED BY CHIEF OF POLICE FROM JANUARY 1 TO  
DECEMBER 31, 1892.

Collected by Ex-Chief S. B. Parrish . \$ 47,898 37

Paid Treasurer—

Delinquent taxes . . . . .	\$ 15,324 05
Costs on same . . . . .	576 49
Street improvements . . . . .	16,659 43
Sewer improvements . . . . .	6,945 07
Street extensions . . . . .	7,823 14
Costs on same . . . . .	570 19

Collected by Ex-Chief E. W. Spencer . 22,449 05

Paid Treasurer—

Street improvements . . . . .	12,105 76
Interest on same . . . . .	142 41
Costs on same . . . . .	148 90
Street extensions . . . . .	1,692 72
Costs on same . . . . .	21 65
Sewer construction . . . . .	7,511 86
Interest on same . . . . .	146 10
Costs on same . . . . .	679 65

Collected by Chief Chas. H. Hunt . 8,333 07

Paid Treasurer—

Street improvements . . . . .	2,324 12
Interest on same . . . . .	18 40
Costs on same . . . . .	69 93
Street extensions . . . . .	156 41
Sewer construction . . . . .	2,063 20
Interest on same . . . . .	12 59
Costs on same . . . . .	39 44
Dec. 31, 1892, cash on hand . . . . .	3,648 98

Total amount collected . . . . \$ 78,680 49 \$ 78,680 49

All of which is respectfully submitted,

CHARLES H. HUNT,  
*Chief of Police.*

REPORT OF ACTING HEALTH OFFICER.

*C. H. Hunt, Chief of Police and ex-officio Health Officer:*

Herewith please find statement of work accomplished during the year ending December 31, 1892.

Total number nuisances abated by written notification and in each addition to city as follows:

Albina addition . . . . .	252
North Albina addition . . . . .	3
Central Albina addition . . . . .	2
Brendels addition . . . . .	15
City proper . . . . .	386
Couch addition . . . . .	631
Carter's West Side addition . . . . .	42
Carter's East Side addition . . . . .	6
Caruthers' addition . . . . .	425
Cole's addition . . . . .	3
Grover's addition . . . . .	16
Holladay's addition . . . . .	26
King's addition . . . . .	7
King's second addition . . . . .	48
Kern's addition . . . . .	1
Multnomah addition . . . . .	9
Market street addition . . . . .	20
McMillen's addition . . . . .	21
East Portland . . . . .	155
Portland Homestead addition . . . . .	6
North Portland addition . . . . .	7
South Portland addition . . . . .	16
Portland Heights addition . . . . .	14
Piedmont addition . . . . .	6
Peninsular addition . . . . .	5
Peninsular addition No. 1 . . . . .	2

Proebstel's addition . . . . .	21
Sunnyside addition . . . . .	17
St. John's addition . . . . .	13
Stephen's addition . . . . .	2
Tibbitts' addition . . . . .	6
Woodlawn addition . . . . .	3
Sherlock's addition . . . . .	4

Total . . . . . 2,222

*Dead Animals—*

Horses . . . . .	18
Cows . . . . .	16
Hogs . . . . .	16
Dogs . . . . .	27
Cats . . . . .	11

Total number nuisances abated . . . . . 2,310

Total number of complaints . . . . . 2,742

Leaving a balance of . . . . . 432

Many were abated without a written notice, as the parties were spoken to and abated them without any being served, leaving only one or two not finished.

Letters of information from other Health Boards answered . 148

Duplicate death certificates . . . . . 27

Also the records of births, contagious disease and deaths as provided by Ordinance 3004.

Respectfully submitted,

ROBERT AUSTIN,  
*Acting Health Officer.*

## LICENSES.

*To the Honorable Board of Police Commissioners of the City of Portland:*

GENTLEMEN: I herewith submit my annual report for the year ending December 31, 1892, in tabulated form, an inspection of which will disclose the large amount of work performed by the License Department of the city during the past year.

Receipts in the sum of \$34.30 were issued by the City Treasurer which were not filed with the Auditor and Clerk, making the total amount collected for general licenses \$191,134.07.

Respectfully submitted,

F. S. BUCHTEL,

*License Officer.*



## ANNUAL REPORT OF LICENSE OFFICER FOR YEAR 1892.

OCCUPATIONS.	FIRST QUARTER.		SECOND QUARTER.	
	No.	Amount.	No.	Amount.
Auctioneers . . . . .	9	\$ 306 65	8	\$ 196 70
Bankers . . . . .	14	350 00	15	358 35
Bill Posters . . . . .	5	70 00	4	45 00
Billiards . . . . .	23	230 00	24	215 00
Bowling Alleys . . . . .	4	16 65	2	10 00
Coal Oil Storage . . . . .	7	72 00	7	72 00
Coupes . . . . .	7	21 00	6	18 00
Circuses . . . . .	---	---	4	160 00
Drays . . . . .	62	186 00	65	187 00
Dancing Schools . . . . .	6	56 70	1	10 00
Express, single . . . . .	144	413 00	147	426 00
Express double . . . . .	89	418 40	87	425 05
Employment . . . . .	15	61 75	19	76 65
Express Co . . . . .	3	75 00	3	75 00
Express Solicitors . . . . .	1	5 00	1	5 00
Fortune Tellers . . . . .	---	---	---	---
Grading Teams . . . . .	81	295 20	86	328 60
Gurneys . . . . .	---	---	---	---
Hacks . . . . .	49	241 60	45	220 05
Hack Drivers . . . . .	57	57 00	12	12 00
House Movers . . . . .	6	146 70	5	106 70
Insurance . . . . .	45	450 00	46	453 35
Livery . . . . .	33	330 00	32	320 00
Laundries . . . . .	70	570 00	70	577 50
Miscellaneous . . . . .	1	50 00	4	103 30
Oil Wagons . . . . .	7	66 67	6	60 00
Omnibuses . . . . .	3	15 00	3	15 00
Peddlers . . . . .	90	358 60	104	376 45
Powder . . . . .	13	65 00	12	60 00
Pawnbrokers . . . . .	20	725 00	21	787 50
Plumbers . . . . .	37	105 00	39	113 00
Runners, hotel . . . . .	19	166 70	21	273 40
Scavengers . . . . .	43	115 00	40	119 00
Second Hand . . . . .	36	346 70	33	326 65
Shooting Galleries . . . . .	1	25 00	3	58 35
Street Cars . . . . .	6	663 75	5	581 25
Trucks . . . . .	69	331 70	79	390 00
Theaters . . . . .	10	491 65	11	533 35
Wharfingers . . . . .	15	270 00	15	420 00
Liquor . . . . .	391	38,433 45	395	39,099 95
Beer . . . . .	6	300 00	4	200 00
Liquor in Restaurant . . . . .	14	333 35	16	383 30
Liquor for Mechanical Purposes . . . . .	1	12 50	1	12 50
Totals . . . . .		\$ 47,247 72		\$ 48,210 95

## ANNUAL REPORT OF LICENSE OFFICER.—Continued.

OCCUPATIONS.	THIRD QUARTER.		FOURTH QUARTER.		TOTALS.
	No.	Amount.	No.	Amount.	
Auctioneers . . . . .	8	\$ 253 40	9	\$ 333 35	\$ 1,090 10
Bankers . . . . .	15	375 00	15	375 00	1,458 35
Bill Posters . . . . .	4	45 00	5	50 00	210 00
Billiards . . . . .	21	206 65	25	211 65	863 30
Bowling Alleys . . . . .	4	20 00	3	15 00	61 65
Coal Oil Storage . . . . .	6	69 00	7	70 00	283 00
Coupes . . . . .	4	10 00	4	12 00	61 00
Circuses . . . . .	2	800 00	1	30 00	990 00
Drays . . . . .	59	177 00	57	171 00	721 00
Dancing Schools . . . . .	1	3 35	6	56 65	126 70
Express, single . . . . .	153	409 00	156	452 00	1,700 00
Express, double . . . . .	84	401 65	90	423 90	1,669 00
Employment . . . . .	21	83 25	31	128 35	350 00
Express Co . . . . .	3	75 00	3	75 00	300 00
Express Solicitors . . . . .	---	---	---	---	10 00
Fortune Tellers . . . . .	---	---	4	100 00	100 00
Grading Teams . . . . .	82	290 15	56	243 55	1,157 50
Gurneys . . . . .	1	3 00	2	6 00	9 00
Hacks . . . . .	41	194 95	44	205 70	862 30
Hack Drivers . . . . .	6	6 00	18	18 00	93 00
House Movers . . . . .	3	66 70	2	66 65	386 75
Insurance . . . . .	50	476 70	51	510 00	1,890 05
Livery . . . . .	---	---	---	---	650 00
Laundries . . . . .	76	607 50	77	617 50	2,372 50
Miscellaneous . . . . .	11	201 70	11	203 35	558 35
Oil Wagons . . . . .	6	53 35	8	76 65	256 67
Omnibuses . . . . .	3	15 00	3	15 00	60 00
Peddlers . . . . .	131	542 20	132	788 35	2,065 60
Powder . . . . .	12	60 00	13	65 00	250 00
Pawnbrokers . . . . .	19	700 00	20	750 06	2,962 50
Plumbers . . . . .	39	109 00	38	110 00	437 00
Runners, hotel . . . . .	19	170 05	17	173 35	783 50
Scavengers . . . . .	50	126 00	55	156 00	516 00
Second Hand . . . . .	43	223 30	48	216 65	1,113 30
Shooting Galleries . . . . .	2	41 65	1	25 00	150 00
Street Cars . . . . .	6	1,267 50	5	612 50	3,125 00
Trucks . . . . .	84	410 00	86	421 65	1,553 35
Theaters . . . . .	10	483 30	9	475 00	1,983 30
Wharfinger . . . . .	15	320 00	14	310 00	1,320 00
Liquor . . . . .	391	38,033 25	391	38,566 65	154,133 30
Beer . . . . .	4	200 00	2	100 00	800 00
Liquor in Restaur't . . . . .	17	416 70	19	458 35	1,591 70
Liquor, mech'l pur's . . . . .	---	---	---	---	25 00
Totals . . . . .		\$ 47,946 30		\$ 47,694 80	
Grand total . . . . .					\$ 191,099 77

## REPORT OF HUMANE OFFICER.

To C. H. Hunt, Chief of Police:

Herewith please find statement of work accomplished during the year ending December 31, 1892, under the requirements of Hill's Annotated Laws of Oregon, Chapter VII, Sections 1878, 1879 and 1880.

Number cases reported to officer . . . . .	733
Number of cases found by officer without report . . . . .	3,492
Number cases investigated . . . . .	4,225

The following will comprise the class and number of cases as found by officer:

Number horses inspected on grading works . . . . .	3,105
Number horses worked with galled necks and shoulders . . . . .	114
Number horses that were underfed . . . . .	45
Number horses overloaded . . . . .	74
Number horses over driven . . . . .	31
Number horses worked in lame, sickly condition . . . . .	104
Number horses worked when insufficiently shod . . . . .	344
Number horses and mules abandoned to starvation . . . . .	31
Number cattle abandoned to starvation . . . . .	12
Number cattle found in filthy barns . . . . .	11
Number horses wounded and left in pain . . . . .	12
Number dogs wounded and left in pain . . . . .	39
Number horses exposed to storm . . . . .	176
Number horses found excessively checked . . . . .	168
Number horses and mules cruelly beaten . . . . .	70
Number cattle cruelly beaten . . . . .	2
Number dogs cruelly beaten . . . . .	1
Number horses shot on account of broken limbs, incurable diseases, age and general disability . . . . .	58

Number horses taken from work . . . . .	607
Number cases poultry being cruelly confined . . . . .	43
Number of arrests by officer . . . . .	48
Number of convictions . . . . .	42
Number of cases in Police Court . . . . .	14
Number of cases in Justice court . . . . .	37
Amount of fines paid in Police Court . . . . .	\$ 175 00
Amount of fines in Justice Courts . . . . .	247 00
Total fines . . . . .	\$ 422 00

The above report shows the magnitude and importance of the constantly increasing work in the Humane Department. The figures of the past year show an increase of nearly three hundred per cent. over the year 1891, yet it is not to be inferred that acts of cruelty are becoming more frequent, but the greatly extended limits of the city and its rapid growth has called for additional labor on the part of the officer in charge, together with the fact of a still more vigorous policy being enforced.

Obediently submitted,

D. L. HUTCHINS,

*Humane Officer.*

FIRST QUARTERLY STATEMENT  
—OF THE—  
WATER COMMITTEE OF THE CITY OF PORTLAND  
*Of the Receipts and Expenditures for the Quarter  
Ending March 31, 1892.*

1891.

Dec. 31, cash in hands of Treasurer per report  
of this date . . . . . \$ 3,093 17

1892.

RECEIPTS.

Jan. 29, cash from operating department . . .	\$ 14,500 00	
Feb. 24, " " " " . . .	10,000 00	
Feb. 27, " " " " . . .	3,500 00	
Mch. 30, " " " " . . .	13,000 00	
	41,000 00	
		\$ 44,093 17

DISBURSEMENTS.

*Distribution System—*

Part of voucher 364, City Water Works per certified vouchers paid in January . . .	\$ 306 16	
Part of voucher 366, City Water Works per certified vouchers paid in February . .	115 75	
Part of voucher 371, City Water Works per certified vouchers paid in March . . .	708 42	
Voucher 367, Goldsmith & Lowenberg, 50.020 lbs pig lead @ \$4.35 per 100 lbs .	2,175 87	
Voucher 368, John Barrett Co., 14 water gates, 16 to 24-inch . . . . .	1,716 00	
Voucher 369, Oregon Iron & Steel Co., 6 and 10-inch pipe, 89 772-2000 tons, @ \$39 . . . . .	\$3,486 05	
Specials and stop-cock boxes . . . . .	151 86	
	3,637 91	
		8,660 11

*Rights of Way, Riparian Rights and Land—*

Part of voucher 364, City Water Works per certified vouchers paid in January . . . \$	155 00	
Part of voucher 366 City Water Works per certified vouchers paid in February . . .	150 35	
Part of voucher 371, City Water Works per certified vouchers paid in March . . .	263 65	
		<u>569 00</u>

*Clearing and Roads—*

Part of voucher 364, City Water Works per certified vouchers paid in January . . . \$	288 20	
Part of voucher 366, City Water Works per certified vouchers paid in February . . .	445 50	
Part of voucher 371, City Water Works per certified vouchers paid in March . . .	767 75	
		<u>1,501 45</u>

*Reservoirs—*

Part of voucher 364, City Water Works per certified vouchers paid in January . . . \$	1 50	
Part of voucher 366, City Water Works per certified vouchers paid in February . . .	56 75	
Part of voucher 371, City Water Works per certified vouchers paid in March . . .	20 00	
Voucher 365, L. F. Grover and others, for 3 986-1000 acres adjoining City Park . . .	21,000 00	
		<u>21,078 25</u>

*Surveys and Explorations—*

Part of voucher 364, City Water Works per certified vouchers paid in January . . .		4 00
--	--	------

*General Expenses—*

Part of voucher 366, City Water Works per certified vouchers paid in February . . .	1 50	
Voucher 370, Frank T. Dodge, services as clerk, January, February and March . . .	150 00	
		<u>151 50</u>
		<u>\$ 31,964 31</u>

## RECAPITULATION—GENERAL ACCOUNT.

Balance in hands of Treasurer Dec. 31, 1891 as above . . . . .	\$ 3,093 17	
Receipts from January 1st to March 31, 1892, inclusive . . . . .	41,000 00	
		<u>\$ 44,093 17</u>
<i>Disbursements—</i>		
Distribution system . . . . .	\$ 8,660 11	
Rights of way, riparian rights and land . . . . .	569 00	
Clearing and roads . . . . .	1,501 45	
Reservoirs . . . . .	21,078 25	
Surveys and explorations . . . . .	4 00	
General expense . . . . .	151 50	
		<u>31,964 31</u>
Balance in hands of Treasurer March 31 . . . . .		<u>\$ 12,128 86</u>

## OPERATING ACCOUNT.

*Receipts—*

Water rates, amts earned and credited on books . . . . .	\$62,356 15	
Deduct amts due from city for January, February and March . . . . .	6,000 00	
		<u>\$ 56,356 15</u>
Tapping mains . . . . .	90 00	
Turning on water . . . . .	78 00	
Rent of dwelling at 8th street reservoir for January, February and March . . . . .	15 00	
		<u>\$ 56,539 15</u>

*Disbursements—*

Palatine pumping station, fuel, wages, repairs, etc . . . . .	\$ 7,712 68	
High service pumping station, fuel, wages, repairs, etc . . . . .	1,157 91	
Repair to mains . . . . .	1,443 08	
General expense . . . . .	3,046 89	
Office expense . . . . .	1,507 70	
Books and stationery . . . . .	96 75	
Meters . . . . .	339 50	
Loose property . . . . .	14 65	
Office furniture . . . . .	25 50	
		<u>\$ 15,344 66</u>

## Amount paid to general account—

January 29th . . . . .	\$14,500 00	
February 24th . . . . .	10,000 00	
February 27th . . . . .	3,500 00	
March 30th . . . . .	13,000 00	
	<u>41,000 00</u>	
		<u>56,344 66</u>

Balance in hands of Operating Dep't Mch. 31, 1892 . . . \$ 194 49

HENRY FAILING,  
*Chairman of Committee.*

FRANK T. DODGE, *Clerk.*

SECOND QUARTERLY STATEMENT  
—OF THE—  
WATER COMMITTEE OF THE CITY OF PORTLAND  
*Of the Receipts and Expenditures for the Quarter  
Ending June 30, 1892.*

1892. GENERAL ACCOUNT.

March 31, cash in hands of Treasurer per report  
this date . . . . . \$ 12,128 86

## RECEIPTS.

April 30, cash from Operating Department . . .	\$ 15,000 00	
May 28, " " " " . . .	14,000 00	
June 29, " " " " . . .	16,500 00	
		<u>45,500 00</u>
		\$ 57,628 86

## EXPENDITURES.

*Clearing and Roads—*

Part of voucher 372, City Water Works per certified vouchers paid in April . . . . .	\$ 1,930 85	
Part of voucher 374, City Water Works per certified vouchers paid in May . . . . .	211 30	
		<u>\$ 2,142 15</u>

*Rights of Way, Riparian Rights and Land—*

Part of voucher 372, City Water Works per certified vouchers paid in April . . . . .	\$ 413 80	
Part of voucher 374, City Water Works per certified vouchers paid in May . . . . .	1 50	
		<u>415 30</u>

*General Expense—*

Part of voucher 372, City Water Works per certified vouchers paid in April . . . . .	\$ 177 50	
Part of voucher 374, City Water Works per certified vouchers paid in May . . . . .	8 50	
Voucher 378, Frank T. Dodge, services as clerk in April, May and June . . . . .	150 00	
		<u>336 00</u>

*Distribution System—*

Part of voucher 372, City Water Works per certified vouchers paid in April . . . . .	\$ 1,236 12	
Part of voucher 374, City Water Works per certified vouchers paid in May . . . . .	2,506 68	
Voucher 373, Oregon Iron & Steel Co., 328 3175-10,000 tons pipes @ \$39 . . . . .	\$12,804 38	
37,652 lbs specials @ 3¼c . . . . .	898 70	13,703 08
Voucher 375, Oregon Iron & Steel Co., 478 384-1000 tons pipe @ \$39 . . . . .	18,656 98	
Voucher 377, City Water Works per certified vouchers paid in June . . . . .	1,030 36	
		<u>37,133 22</u>

*Interest on Bonds—*

Voucher 376, Frank Hachenev, City Treasurer, amt. deposited with him June 29, 1892, for six months interest on \$700,000 bonds to June 30, 1892 . . . . .		17,500 00
		<u>\$ 57,526 67</u>

## RECAPITULATION—GENERAL ACCOUNT.

Balance in hands of Treasurer March 31, 1892, as above . . . . .	\$ 12,128 86	
Receipts from April 1 to June 30, inclusive . . . . .	45,500 00	57,628 86

*Expenditures—*

Clearing and roads . . . . .	\$ 2,142 15	
Rights of way, riparian rights and land . . . . .	415 30	
General expense . . . . .	336 00	
Distribution system . . . . .	37,133 22	
Interest on bonds . . . . .	17,500 00	57,526 67
		<u>57,526 67</u>
Bal. in hands of Treasurer June 30, '92 . . . . .	\$ 102 19	

## OPERATING ACCOUNT FOR THE QUARTER.

Balance in hands of Operating Department March 31, 1892 . . . . .		194 49
<i>Receipts—</i>		
Water rates, amts earned and credited on the books . . . . .	\$65,447 60	
Deduct amt due from city June 30th . . . . .	6,287 35	59,160 25
Tapping mains . . . . .		158 00
Turning on water . . . . .		76 50
Rent of dwelling at 8th street reservoir for April, May and June . . . . .		15 00
		<u>59,409 75</u>
		\$ 59,604 24

*Expenditures—*

Palatine Hill pumping station, fuel, wages, repairs, etc . . . . .	\$ 6,091 93
High service pumping station, fuel, wages, repairs, etc . . . . .	1,849 31
Repairs to mains, wages, etc . . . . .	660 41
General expense, wages and sundries . . . . .	2,487 86
Office expense, wages, rent, etc . . . . .	1,552 05
Books and stationery . . . . .	125 80
Loose property . . . . .	852 55
Meters . . . . .	353 78
	<u>\$ 13,973 69</u>

## Amount paid over to general account—

April 30th . . . . .	\$15,000 00	
May 28th . . . . .	14,000 00	
June 29th . . . . .	16,500 00	45,500 00
		<u>59,473 69</u>
Balance in hands of Operating Department . . . . .	\$ 130 55	

HENRY FAILING.

*Chairman of Committee.*FRANK T. DODGE, *Clerk.*

THIRD QUARTERLY STATEMENT  
 —OF THE—  
 WATER COMMITTEE OF THE CITY OF PORTLAND  
*Of the Receipts and Expenditures for the  
 Quarter ending Sept. 30, 1892*

1892 GENERAL ACCOUNT.

June 30, cash in hands of Treasurer per report  
 this date . . . . . \$ 102 19

RECEIPTS.

July 20, cash from Operating Department . . .	\$ 11,000 00	
July 29, " " " " . . .	5,500 00	
Aug. 6, " " " " . . .	4,000 00	
Aug. 30, " " " " . . .	10,500 00	
Sept. 22, " " " " . . .	10,000 00	
Sept. 30, " " " " . . .	6,500 00	
	47,500 00	
		\$ 47,602 19

EXPENDITURES.

*Distribution System—*

Voucher 380, Oregon Iron & Steel Co., iron pipes 111 1870- 2000 tons at \$39 . . . . .	\$4,365 47	
Specials, 51,309 lbs. at 3¼c . . . . .	1,667 53	
	6,033 00	
Part of voucher 379, City Water Works for certified vouchers paid July 20 . . .	2,898 45	
Part of voucher 381, City Water Works for certified vouchers paid July 29 . . .	4,157 45	
Voucher 382, Michigan Brass & Iron Works, for valves and branches . . . . .	2,655 65	

Part of voucher 383, City Water Works for certified pay rolls and vouchers paid Aug. 30 . . . . .	2,773 98	
Voucher 384, Oregon Iron & Steel Co., cast iron pipes 155 1659-2000 tons at \$39	6,077 35	
Voucher 385, Oregon Iron & Steel Co., cast iron pipes 334 1475-2000 tons at \$39 . . . . .	\$13,054 77	
Specials 3,390 lbs at 3¼c . . . . .	110 18	
	<u>13,164 95</u>	
Voucher 388, The John Barrett Co., pig lead 16,567 lbs. at \$4.35 per 100 lbs. . . . .	\$ 720 60	
1 Chapman gate 6'' . . . . .	21 50	
	<u>742 16</u>	
Part of voucher 388, City Water Works for certified pay rolls and vouchers paid Sept. 30 . . . . .	2,196 39	
	<u>\$ 40,699 38</u>	
<i>Rights of Way, Riparian Rights and Land—</i>		
Part of voucher 379, City Water Works for certified vouchers paid July 20 . . . . .	\$ 10 10	
Part of voucher 381, City Water Works for certified vouchers paid July 29 . . . . .	3 95	
Part of voucher 388, City Water Works for certified vouchers paid Sept. 30 . . . . .	215 00	
	<u>\$ 229 05</u>	
<i>Clearing and Roads—</i>		
Part of voucher 379, City Water Works for certified vouchers paid July 20 . . . . .	\$ 1,775 19	
Part of voucher 381, City Water Works for certified vouchers paid July 29 . . . . .	193 50	
Part of voucher 383, City Water Works for certified vouchers and pay roll paid Aug. 30 . . . . .	1,341 88	
Part of voucher 388, City Water Works for certified vouchers and pay roll paid Sept. 30 . . . . .	3,008 60	
	<u>\$ 6,319 17</u>	

*General Expense—*

Part of voucher 381, City Water Works for certified vouchers paid July 29 . . . . .	13 30	
Voucher 387, Frank T. Dodge, services as clerk in July, Aug. and Sept. . . . .	150 00	
	<u>163 30</u>	
		<u>\$ 47,410 90</u>

## RECAPITULATION—GENERAL ACCOUNT.

Balance in hands of Treasurer June 30, 1892, as above . . . . .	102 19	
Receipts from July 1 and Sept. 30, inclusive . . . . .	47,500 00	
	<u>\$ 47,602 19</u>	

*Expenditures—*

Distribution system . . . . .	\$ 40,699 38	
Rights of way, riparian rights and lands	229 05	
Clearing and roads . . . . .	6,319 17	
General Expense . . . . .	163 30	
	<u>\$ 47,410 90</u>	
Balance in hands of Treasurer Sept. 30 . . . . .		\$ 191 29

## OPERATING ACCOUNT FOR THE QUARTER.

Balance in hands of Operating Department June 30, 1892 . . . . .	130 55	
<i>Receipts—</i>		
From the City for street sprinkling, due June 30, 1892 . . . . .	287 35	
Water rates, amounts carried and credited on the books . \$70,388 55		
Deduct amt. due from City Sept. 30 . . . . .	6,545 80	
	<u>63,842 75</u>	
Tapping Mains . . . . .	191 00	
Turning on water . . . . .	89 00	
Rent of dwelling, 8th street resevoir, July, Aug. and Sept. . . . .	15 00	
	<u>\$ 64,425 10</u>	
		<u>\$ 64,555 65</u>



*Expenditures—*

Palatine pumping station, Fuel, wages, repairs, etc. . . . .	\$ 6,521 53
High service pumping station, fuel, wages, repairs, etc. . . . .	1,628 89
Repairs to Mains, wages and material . .	1,262 19
General expense, wages and sundries . .	2,855 97
Office expense, wages, rent, etc . . . .	1,555 30
Books and stationery . . . . .	76 54
Loose property, tapping machines, etc .	2,859 24
Office furniture, cases for stationery . .	8 00
	<u>\$ 16,767 66</u>

## Amount paid over to general account—

July 20 . . . . .	\$11,000 00	
July 29 . . . . .	5,500 00	
Aug. 6 . . . . .	4,000 00	
Aug. 30 . . . . .	10,500 00	
Sept. 22 . . . . .	10,000 00	
Sept. 30 . . . . .	6,500 00	
	<u>47,500 00</u>	<u>64,267 66</u>
Bal. in Operating Dept. Sept. 30, '92 .	\$ 287 99	

HENRY FAILING,  
*Chairman of Committee.*

FRANK T. DODGE, *Clerk.*

## FOURTH QUARTERLY STATEMENT

—OF THE—

### WATER COMMITTEE OF THE CITY OF PORTLAND

*Of the Receipts and Expenditures for the  
Quarter ending Dec. 31, 1892.*

## 1892. GENERAL ACCOUNT.

Sept. 30, cash in hands of Treasurer per report this date . . . . .	\$ 191 29
--	-----------

## RECEIPTS.

Oct. 28, cash from G. W. McCoy for old pump. \$	300 00
Oct. 29, cash from Operating Department . .	15,500 00
Nov. 29, " " " " . . . . .	14,500 00
Dec. 31, " " " " . . . . .	13,068 45
	<u>43,368 45</u>
	\$ 43,559 74

## EXPENDITURES.

*Clearing and Roads—*

Part of voucher 389, City Water Works office per certified vouchers paid Oct. 29. \$	3,693 18
Part of voucher 391, City Water Works office per certified vouchers paid Nov. 30	2,440 57
Part of voucher 394, City Water Works office per certified vouchers paid Dec. 31	477 57
	<u>6,611 32</u>

*Surveys and Explorations—*

Part of voucher 389, City Water Works office per certified vouchers paid Oct. 29	72 00
Part of voucher 391, City Water Works office per certified vouchers paid Nov. 30	169 22
Part of voucher 394, City Water Works office per certified vouchers paid Dec. 31	27 35
	<u>268 57</u>

General Expenses—

Part of voucher 389, City Water Works office per certified vouchers paid Oct. 29	12 25	
Part of voucher 391, City Water Works office per certified vouchers paid Nov. 30	5 35	
Part of voucher 394, City Water Works office per certified vouchers paid Dec. 31	35 25	
Voucher 393, Frank T. Dodge, services as clerk for Oct., Nov. and Dec. . . .	150 00	
	202 85	

Distribution System—

Part of voucher 389, City Water Works office per certified vouchers paid Oct. 29	2,072 14	
Voucher 390, Oregon Iron & Steel Co., cast iron pipes 121 1376-2000 tons @ \$39 . . . . \$4,745 83	542 11	
Specials, 16,611 lbs @ 3¼c . . . .	5,287 94	
Part of voucher 391, City Water Works office per certified vouchers paid Nov. 30	1,276 81	
Part of voucher 394, City Water Works office per certified vouchers paid Dec. 31	825 73	
Part of voucher 395, Oregon Iron & Steel Co., cast iron pipes 242 395-2000 tons @ \$39 . . . . \$ 9,474 64	35 00	
Specials, 1077 lbs @ 3¼c . . . .	9,509 64	
	18,972 26	

Interest on Bonds—

Voucher 392, Frank Hacheney, City Treasurer, amt. deposited with him Dec. 31, '92 for 6 months interest on \$700,000 bonds to Dec. 31, '92 . . . . .	17,500 00	
	\$ 43,555 00	

RECAPITULATION—GENERAL ACCOUNT.

Balance in hands of Treasurer Sept. 31, 1892 . . . . .	191 29	
Receipts from Sept. 30 to Dec. 31, 1892 . . . .	43,368 45	
	43,559 74	

Expenditures—

Clearing and roads . . . . .	6,611 32	
Surveys and explorations . . . . .	268 57	
General expense . . . . .	202 85	
Distribution system . . . . .	18,972 26	
Interest on bonds . . . . .	17,500 00	
	43,555 00	

Balance in hands of Treasurer Dec. 31, 1892 . . . . . \$ 4 74

Total Receipts and Expenditures of the Water Committee for the Year Ending December 31, 1892.

1891.  
Dec. 31, by balance in hands of Treasurer . . . . . \$ 3,093 17

1892. RECEIPTS.

Oct. 28, by cash from G. W. McCoy for old pump . . . . .	\$ 300 00	
Dec. 31, by cash from Operating Department . . . . .	177,068 45	
	177,368 45	
	\$180,462 62	

EXPENDITURES.

Interest on bonds, \$700,000, at 5 per cent. . . . .	35,000 00	
General expense . . . . .	853 65	
Distribution system . . . . .	105,464 97	
Reservoirs . . . . .	21,078 25	
Surveys and explorations . . . . .	272 57	
Clearing and roads . . . . .	16,574 09	
Right of way, riparian rights and land . . . . .	1,213 35	
	180,456 88	

Balance in hands of Treasurer Dec. 31, 1892 . . . . .	\$ 4 74	
Total amount invested in plant to Dec. 31, '92 . . . . .	\$1,051,039 78	
Total amount expended during 1892 . . . . .	\$180,456 88	
Less interest on bonds . . . . .	35,000 00	
	145,456 88	
Less old pump sold as above . . . . .	300 00	
	145,156 88	
	\$1,196,196 66	
Water bonds of the city outstanding at 5 per cent. interest . . . . .	\$ 700,000 00	

## OPERATING ACCOUNT.

Balance in hands of Operating Department, Sept. 30, 1892 . . . . .	\$ 287 99	
<i>Receipts—</i>		
From the city for street sprinkling due Sept. 30, 1892 . . . \$	460 55	
From the city for City Park . . . . .	85 25	
	<u>545 80</u>	
Water rates, amts earned and credited during quarter . . . . .	\$62,176 00	
Deduct amt due from city . . . . .	6,029 45	
	<u>56,146 55</u>	
Tapping mains . . . . .	124 00	
Turning on water . . . . .	95 50	
Rent of dwelling 8th street reservoir . . . . .	15 00	
W. S. Ladd, cost of elevator pipe for building not yet erected . . . . .	81 62	
H. Failing, cost of two elevator pipes for building not yet erected . . . . .	177 78	
	<u>57,186 25</u>	
	<u>\$ 57,474 24</u>	
<i>Expenditures—</i>		
Palatine pumping station, fuel, wages, repairs, etc . . . . .	\$ 6,695 69	
High service pumping station, fuel wages, repairs, etc . . . . .	2,149 69	
Repairs to mains, wages and material . . . . .	835 32	
General expense, wages and sundries . . . . .	2,411 34	
Office expense, wages, rent, etc . . . . .	1,656 35	
Books and stationery, books, blanks, etc. . . . .	84 30	
Loose property, stop-cock boxes, etc . . . . .	573 10	
	<u>\$ 14,405 79</u>	
Amount paid over to general account—		
October 29th . . . . .	\$15,500 00	
November 29th . . . . .	14,500 00	
December 31st . . . . .	10,000 00	
December 31st . . . . .	3,068 45	
	<u>43,068 45</u>	
	<u>57,474 24</u>	

No money in hands of Operating Department Dec. 31, 1892.

*Total Receipts and Expenditures of the Operating Department, City Water Works, for the Year Ending December 31, 1892.*

## RECEIPTS.

Water rates . . . . .	\$200,910 75	
Irrigation . . . . .	8,217 45	
Elevators . . . . .	19,981 00	
Building purposes . . . . .	4,341 65	
Multnomah Driving Association . . . . .	280 85	
Municipal water rates, street sprinkling . . . . .	2,268 85	
Municipal water rates, City Park . . . . .	338 30	
Tapping mains . . . . .	563 00	
Turning on water . . . . .	339 00	
Rent of dwelling at 8th street reservoir . . . . .	60 00	
W. S. Ladd, for elevator pipe . . . . .	81 62	
H. Failing, for two elevator pipes . . . . .	177 78	
	<u>\$237,560 25</u>	

## EXPENDITURES.

Palatine pumping station . . . . .	\$ 27,021 83	
High service pumping station . . . . .	6,785 80	
Repairs to mains . . . . .	4,201 00	
General expense . . . . .	10,802 06	
Office expense . . . . .	6,271 40	
Books and stationery . . . . .	383 39	
Office furniture . . . . .	33 50	
Loose property . . . . .	4,299 54	
Meters . . . . .	693 28	
	<u>\$ 60,491 80</u>	
Amount paid to general account per receipts		
Treasurer . . . . .	177,068 45	
	<u>\$237,560 25</u>	

No money in hands of Operating Department Dec. 31, 1892.

BALANCE SHEET.

BOOKS OF THE WATER COMMITTEE OF THE CITY OF PORTLAND,  
DECEMBER 31, 1892.

Folio.			
3.	Bonds . . . . .		\$ 700,000 00
9.	Premium on bonds . . . . .		54,958 20
10.	Office expense . . . . .	360	19
14.	Legal expense . . . . .	8,825	91
16.	Surveys and explorations . . . . .	9,180	00
18.	Headworks . . . . .	11,179	99
20.	Superintendence . . . . .	4,658	19
22.	Clearing and roads . . . . .	17,064	94
24.	City Water Works . . . . .	{ \$462,101 33 300 00	461,801 33
27.	Interest on bonds . . . . .	183,750	00
28.	Pumping apparatus . . . . .	13,516	66
30.	Reservoirs . . . . .	22,620	91
33.	New Palatine force main . . . . .	159,726	31
34.	New high service pump . . . . .	22,097	49
35.	New Palatine pump . . . . .	74,097	72
36.	Income from water works . . . . .		624,993 20
42.	Treasurer . . . . .	{ \$180,461 62 180,456 88	4 74
51.	Distribution system . . . . .	330,540	25
60.	Improvement of real estate, 4th and Market streets . . . . .	3,748	95
62.	General expense . . . . .	18,133	88
72.	Right of way, riparian rights and land	38,643	94
			<hr/>
		\$1,379,951 40	\$1,379,951 40

PORTLAND, OR., December 31, 1892.

HENRY FAILING,  
Chairman of Committee.

FRANK T. DODGE, Clerk.

Inventory of Property in possession of the Operating Department of  
the Water Committee, and remaining on hand Dec. 31, 1892.

Office Furniture.

NO.	DESCRIPTION.	VALUATION.
	1 safe . . . . .	\$ 400 00 . . . . .
	1 walnut desk . . . . .	20 00 . . . . .
	1 ash table . . . . .	18 00 . . . . .
	1 desk . . . . .	10 00 . . . . .
	12 chairs . . . . .	12 00 . . . . .
	2 revolving stools . . . . .	4 00 . . . . .
	1 umbrella stand . . . . .	2 00 . . . . .
	1 letter press stand . . . . .	3 00 . . . . .
	1 letter press . . . . .	4 00 . . . . .
	1 stand map drawers . . . . .	15 00 . . . . .
	1 stove and pipe . . . . .	15 00 . . . . .
	1 clock . . . . .	8 00 . . . . .
	1 chandelier 4 light burners—complete . . . . .	20 00 . . . . .
	2 chandeliers 2 light burners and drop . . . . .	5 00 . . . . .
	1 swing Bracket, burner, shade, etc. . . . .	2 45 . . . . .
	36 yards carpet . . . . .	30 00 . . . . .
	1 pair curtains and pole . . . . .	2 50 . . . . .
	6 ink stands . . . . .	1 00 . . . . .
	1 copy brush and bowl . . . . .	50 . . . . .
	2 rulers . . . . .	50 . . . . .
	1 partition . . . . .	30 00 . . . . .
	2 copy drawers . . . . .	2 00 . . . . .
	— window shades . . . . .	5 00 . . . . .
	1 rubber door mat . . . . .	2 00 . . . . .
	2 spittoons . . . . .	2 50 . . . . .
	— pigeon holes . . . . .	25 50 . . . . .
	2 cases for blank forms . . . . .	8 00 . . . . .

Drafting Office, Fourth and Market Sts.

1 stove and fixtures . . . . .	10 00 . . . . .
1 desk . . . . .	12 00 . . . . .
6 chairs . . . . .	3 50 . . . . .
2 office tables, (\$2.50 \$1.50) . . . . .	4 00 . . . . .
6 spittoons . . . . .	3 00—\$ 680 45

NO.	DESCRIPTION.	VALUATION.
	<i>Loose Property.</i>	
3	augurs . . . . .	2 00
6	axes . . . . .	2 00
6	barrows, wood, worthless . . . . .	—
2	barrows, iron . . . . .	8 00
1	bench . . . . .	3 00
1	boring machine . . . . .	5 00
2	brands . . . . .	8 00
4	buckets . . . . .	1 00
25	lbs. calking tools . . . . .	5 00
7	chairs . . . . .	7 00
200	ft ½ in. chain . . . . .	20 00
128	curb boxes, cast . . . . .	146 20
617	corporation cocks . . . . .	299 00
18	crowbars . . . . .	18 00
2	derricks and tackle . . . . .	105 00
3	desks . . . . .	25 00
3	differential pulleys . . . . .	80 00
66	drills ½ in. steel . . . . .	5 00
22	drills 1 in. steel . . . . .	7 50
1	draw-knife . . . . .	1 00
8	forks sluice . . . . .	5 00
3	furnaces, street . . . . .	30 00
1	furnace, plumber . . . . .	5 00
1	furnace, wagon . . . . .	97 50
4	Gauges . . . . .	37 50
50	gate covers, wrought . . . . .	42 50
19	gate covers, cast . . . . .	146 30
1	grindstone . . . . .	3 00
8	hammers, caulking . . . . .	4 00
1	hammer, stone . . . . .	50
3	harness, sets . . . . .	50 00
3	horses . . . . .	600 00
3	horse covers . . . . .	6 00
1	hoe, mortar . . . . .	1 00
75	feet hose, 2½ in. . . . .	30 00
250	feet hose 1 in. . . . .	20 00
100	feet ¾ in. hose . . . . .	15 00

NO.	DESCRIPTION.	VALUATION.
2	instruments, surveying and level rod . . . . .	325 00
2	jack screws . . . . .	7 75
23	keys, water . . . . .	40 00
3	keys, water ratchet . . . . .	54 00
1	ladder . . . . .	2 00
6	ladles, furnace . . . . .	12 00
4	lamps . . . . .	8 00
28	lanterns . . . . .	21 00
1	level, carpenters . . . . .	2 00
2	maps, city . . . . .	200 00
1	map, county . . . . .	5 50
6	mattocks . . . . .	8 00
1	measure, 5 gallon . . . . .	3 25
1	pevy, timber . . . . .	3 00
160	picks . . . . .	120 00
3	pipe cutters . . . . .	11 00
1	protractor . . . . .	55
4	pumps, hand . . . . .	60 00
2	pens, ruling . . . . .	1 70
2	pipe tongs . . . . .	2 15
1	rammer, pair . . . . .	8 00
1	ratchet, stock and dies . . . . .	20 00
3	saws, hand . . . . .	2 00
1	saw, crosscut . . . . .	2 00
1	scale, drawing . . . . .	2 00
1	scale, weighing . . . . .	45 00
1	scow, large . . . . .	60 00
1	scow, small . . . . .	12 00
1	seal, die and tags . . . . .	10 00
60	shovels . . . . .	30 00
1	shovel, scoop . . . . .	1 00
22	sledges . . . . .	20 00
1	square, steel . . . . .	1 00
1	stamp, register . . . . .	25 00
17	tamping bars . . . . .	8 00
2	tape lines . . . . .	4 00
1	tape line, steel . . . . .	6 00
2	tapping machines, small taps . . . . .	120 00
2	tapping machines for connecting mains . . . . .	2200 00

NO.	DESCRIPTION.	VALUATION.
1	thermometer . . . . .	2 00
1	timber dolly . . . . .	8 00
5	tongs, pipe . . . . .	15 00
1	tool set . . . . .	40 00
2	tool carts . . . . .	60 00
3	trucks, hand . . . . .	30 00
1	vice . . . . .	10 00
5	wagons . . . . .	473 00
10	wrenches . . . . .	10 00
1	wrench, pipe . . . . .	1 00
1	wrench, ratchet . . . . .	24 00—
		<u>\$5976 90</u>

*Meters and Indicators*

40	indicators . . . . .	1053 00
122	meters . . . . .	2107 28—
		<u>3160 28</u>

*Fuel.*

Palatine Company station—		
3011	cords of wood at \$ 3.10 . . . . .	9334 72
High service pumping station—		
135.95	cords of wood at \$3.40 . . . . .	462 23—
		<u>9796 95</u>

*Inventory of Property in possession of the Construction Department  
of the Water Committee, and remaining on hand  
December 31, 1892.*

DESCRIPTION	NO.	WEIGHT	VALUATION
Galvin valves, 20 in.-----	1		\$ 132 70
“ “ 16 in.-----	4		337 00
“ “ 12 in.-----	4		184 00
“ “ 10 in.-----	2		76 00
“ “ 4 in.-----	1		9 00
Chapman “ 8 in.-----	4		98 40
“ “ 6 in.-----	4		64 00
“ “ 4 in.-----	1		9 00

DESCRIPTION	NO.	WEIGHT	VALUATION
Galvin “ 8 in.-----	4		100 00
“ “ 6 in.-----	1		15 50
Smith's b'ch val. 14x10 in.-----	2		116 40
“ “ 14x 4 in.-----	4		100 00
“ “ 12x10 in.-----	2		94 00
“ “ 12x 4 in.-----	4		92 00
“ “ 10x 8 in.-----	4		140 00
“ “ 10x 4 in.-----	5		110 00
“ “ 8x 6 in.-----	5		115 00
“ “ 8x 4 in.-----	6		108 00
“ “ 6x 6 in.-----	5		105 00
“ “ 6x 4 in.-----	7		112 00
“ “ 6x 3 in.-----	3		37 50
“ “ 4x 4 in.-----	4		55 20
“ “ 4x 3 in.-----	15		150 00
“ “ 4x 2 in.-----	6		54 00
Cast iron crosses 16x14 in.-----	2		
“ “ 16x 8 in.-----	4		
“ “ 16x 6 in.-----	8		
“ “ 14x10 in.-----	1		
“ “ 14x16 in.-----	1		
“ “ 14x 4 in.-----	1		
“ “ 10x10 in.-----	5		
“ “ 10x 8 in.-----	5		
“ “ 10x 6 in.-----	11		
“ “ 6x 6 in.-----	19		
“ Tees 4x 4 in.-----	43	49,753 lbs	1324 46
“ “ 24x20 in.-----	2		
“ “ 16x10 in.-----	1		
“ “ 16x 8 in.-----	1		
“ “ 16x 4 in.-----	1		
“ “ 14x 4 in.-----	2		
“ “ 12x 4 in.-----	4		
“ “ 12x10 in.-----	1		
“ “ 10x 6 in.-----	10		
“ “ 10x 4 in.-----	18		
“ “ 10 in.-----	2		
“ “ 1 in.-----	8		
“ “ 6 in.-----	26		

DESCRIPTION	NO.	WEIGHT	VALUATION.
Cast iron Tees, 6x4 in	12		
" " 4 in	13		
" " 3 in	6		
" " 24x24 in	1	35,706 lbs	1160 44
" elbows 24 in	4		
" " 20 in	2		
" " 12 in	1		
" " 10 in	11		
" " 8 in	2		
" " 6 in	34		
" " 4 in	25		
" " 4x 3 in	14	22,714 lbs	738 20
" Reducers 16 to 20 in	2		
" " 14 to 12 in	1		
" " 12 to 10 in	14		
" " 10 to 8 in	1		
" " 8 to 6 in	12		
" " 10 to 6 in	4		
" " 6 to 4 in	48		
" " 4 to 3 in	11	13,180 lbs	428 35
Cast iron sleeves, 24 in	10		
" " 20 in	13		
" " 16 in	11		
" " 14 in	12		
" " 10 in	16		
" " 8 in	5		
" " 12 in	11		
" " 6 in	14		
" " 4 in	30		
" " 3 in	12	25,190 lbs	818 67
" bands, 30 in	6		
" " 24 in	6		
Wrought " 30 in	3		
" " 14 in	2	7,230 lbs	234 97
Manhole, 30 in	1		100 00
" 24 in	6		610 00
Check valves, 10 in	2		90 00
" " 6 in	1		100 00

DESCRIPTION	NO.	WEIGHT	VALUATION.
Cast iron plugs, 24 in	6		
" " 20 in	3		
" " 16 in	4		
" " 14 in	11		
" " 12 in	11		
" " 8 in	18		
" " 6 in	33		
" " 4 in	9		
" " 3 in	9	5,194 lbs	168 80
" gokes, 24 in	8	1,600 lbs	52 00
" bents, 15 in	2	900 lbs	29 25
Pipe, cast, 24 in	72 ft	18,300 lbs	356 85
" " 20 in	48 ft	9,120 lbs	177 84
" " 3 in	120 ft	1,900 lbs	37 05
" wrought, 18 in	513 ft		900 00
" " 30 in	500 ft		2,400 00
Lead		3,000 lbs	130 50
2 anvils			20 00
2 buckets			1 00
12 axes			8 00
1 brand			2 00
2 crowbars			3 00
1 grindstone			1 50
12 hammers, blacksmith			6 00
2 forges, blacksmith			45 00
22 matlocks			28 00
1 sledge			1 00
4 tongs, blacksmith			2 00
1 stove and cooking utensils			40 00
7 tents			100 00
1 tent fly			5 00
1 vise, blacksmith			10 00
Total on hand December 31, 1893			\$ 13,544 58

## RECAPITULATION.

Office furniture . . . . .	\$ 680 45
Loose property, Operating Department . . . . .	4,976 90
Meters and indicators . . . . .	3,160 00
Fuel, Palatine pump . . . . .	\$ 9,334 72
Fuel, high service pump . . . . .	462 23
	<u>9,796 95</u>
Total in hands of Operating Department . . . . .	\$ 19,614 30
Loose property, Construction Department . . . . .	13,544 58
Total . . . . .	\$ 33,158 88

PORTLAND, OR., December 31, 1892.

HENRY FAILING,  
*Chairman Water Committee.*

FRANK T. DODGE, *Clerk.*

## STATEMENT OF RECEIPTS AND DISBURSEMENTS

—BY THE—

## BOARD OF NEW CITY HALL COMMISSIONERS

OF PORTLAND, OREGON.

*From December 31, 1891 to September 30, 1892.*

1891.

## RECEIPTS.

Dec. 31, balance in city treasury, New  
City Hall, as per statement this date. \$ 19,195 59

1892.

To Sept. 30, from all other sources . . . . .

\$ 19,195 59

## DISBURSEMENTS.

1892.

## WARRANTS DRAWN ON CITY TREASURER.

Jan. 30, No. 58, favor C. E. Higgins,  
expressage . . . . . 1 00

Jan. 30, No. 59, favor C. E. Higgins,  
salary for January . . . . . 62 50

Mch. 18, No. 60, favor H. J. Hefty,  
bal. due on settlement architect  
fees, etc . . . . . 8,634 60

Apr. 1, No. 61, favor Whidden & Lewis  
on acct architect fees . . . . . 4,000 00

Apr. 26, No. 62, favor B. R. Baum-  
gart, printing bill . . . . . 2 00

Apr. 30, No. 63, favor Bassford &  
Haupt, on acct of contract taking  
down old foundation . . . . . 2,500 00

May 21, No. 64, favor Bassford & Haupt  
for work on fences and sidewalks . . . . . 130 32

*Amount carried forward . . . . .* \$ 15,330 42



<i>Amount brought forward . . .</i>	\$ 15,330 42
May 21, No. 65, favor Bassford & Haupt on acct warrant as above (see war- rant 63) . . . . .	1,250 00
May 21, No. 66, favor Morning Ore- gonian, advertising . . . . .	6 65
July 8, No. 67, favor C. Randolph, salary to June 30 . . . . .	61 29
Aug. 3, No. 68, favor Pacific Builder, advertising . . . . .	7 92
Aug. 10, No. 69, favor C. Randolph, salary for July . . . . .	50 00
Aug. 23, No. 70, favor Whidden & Lewis, on acct architects fees . . . . .	1,250 00
Sept. 7, No. 71, favor C. Randolph salary for August . . . . .	50 00
Sept. 9, No. 72, favor Whidden & Lewis, expenses of W. and Geo. Banfield to waterfall . . \$350 00	370 00
Sept. 9, No. 73, favor Geo. Banfield, 9 days time to Waterfall . . . . .	54 00
Sept. 9, No. 74, favor Lulu M. Morden, typewriting . . . . .	4 55
Sept. 27, No. 75, favor Bassford & Haupt, balance on contract as above (see warrant 63) . . . . .	150 00
	<u>\$ 18,584 83</u>

Balance in treasury New City Hall Fund . . . . \$ 610 76

W. M. LADD,  
*Chairman of Commission.*

Attest:  
CHAS. RANDOLPH,  
*Clerk of Commission.*

*Statement of Receipts and Disbursements from September 30 to  
December 31, 1892.*

1892.	RECEIPTS.	
Sept. 30, balance in city treasury New City Hall fund, as per statement.	\$ 610 76	
Dec. 31, receipts from all sources Sept. 30 to Dec. 31, 1892 . . . . .	-----	\$ 610 76

DISBURSEMENTS.

WARRANTS DRAWN ON CITY TREASURER.

Oct 12, No. 76, favor C. Randolph, salary for September, \$50; post- office stamps, \$1.50 . . . . .	\$ 51 50
Dec. 10, No. 77, favor morning Ore- gonian, advertising . . . . .	45 00
Dec. 10, No. 78, favor Morning Ore- gonian, advertising . . . . .	25 50
Dec. 10, No. 79, favor Oregon Trans- fer Co., removing material . . . . .	25 00
Dec. 10, No. 80, favor C. Randolph, salary for October and November, \$100; letter press book, \$1 . . . . .	101 00
	<u>\$ 248 00</u>

Balance in city treasury, New City Hall Fund . . \$ 362 76

Assets on hand this date . . . . .  
Books and office supplies, nominal value . . . . .  
Material from old foundation, uncertain value . . . . .

W. M. LADD,  
*Chairman of Commission.*

Attest:  
CHAS. RANDOLPH,  
*Clerk of Commission.*

ANNUAL REPORT  
—OF THE—  
PORTLAND BRIDGE COMMISSION.

*Receipts and Disbursements of the Portland Bridge Commission  
from April 20, 1892, to Oct. 1, 1892.*

1892.	RECEIPTS.	
From Rollins Investment Co. advanced . . . . .	\$ 25,000 00	
From Rollins Investment Co. balance and accrued interest, sale of bonds, Nos. 1 to 154 . . . . .	131,352 75	
From the City of Portland, on account of salaries . . . . .	215 00	
		\$156,567 75

1892.	DISBURSEMENTS.	
April 30, to Columbia Street Bridge Co . . . . .	\$145,567 75	
To Columbia Street Bridge Co., sundries . . . . .	1,630 81	
May 24, To F. A. E. Starr, attorney services . . . . .	1,500 00	
Miscellaneous claims . . . . .	286 15	
June 9, To W. B. Chase, engineer salary . . . . .	150 75	
To Miscellaneous claims . . . . .	243 60	
June 17, Miscellaneous claims . . . . .	355 36	
June 21, To Nick Bodine, labor . . . . .	45 00	
June 28, To interest on bonds . . . . .	3,850 00	
To Union Iron Works, wrencher . . . . .	30 50	
<i>Amount carried forward</i> . . . . .		\$153,659 92

<i>Amount brought forward</i> . . . . .	\$153,659 92
July 2, To W. B. Chase, engineer salary . . . . .	150 00
To salaries of employees . . . . .	315 00
July 5, To expense of J. L. Sperry to Washington . . . . .	250 00
July 6, To miscellaneous claims . . . . .	115 50
July 29, To miscellaneous claims . . . . .	160 40
Aug. 2, To W. B. Chase, engineer salary and expense . . . . .	154 00
To miscellaneous claims . . . . .	1,012 48
Sept 6, To W. B. Chase, engineer . . . . .	205 10
To miscellaneous claims . . . . .	1,359 36
	<hr/>
	\$157,381 76
By balance . . . . .	\$ 814 01

Attest:

E. A. KING,  
*Clerk.*J. L. SPERRY,  
*Chairman.**Receipts and Disbursements of the Portland Bridge Commission from Oct. 5, 1892, to January 1, 1893.*

1892.	
Sept. 6, To balance . . . . .	\$ 814 01
Oct. 5, To W. B. Chase, engineer . . . . .	151 35
To miscellaneous claims . . . . .	515 60
Nov. 10, To W. B. Chase, engineer . . . . .	202 35
To miscellaneous claims . . . . .	981 32
Dec. 6, To W. B. Chase, engineer . . . . .	202 50
To Bullen Bridge Co. . . . .	675 00
To miscellaneous claims . . . . .	541 59
	<hr/>
	\$ 4,083 72

Attest:

E. A. KING,  
*Clerk.*M. C. GEORGE,  
*Chairman.*

ANNUAL REPORT  
—OF THE—  
INSPECTOR OF PLUMBING AND DRAINAGE  
*For the Year Ending December 31, 1892.*

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

GENTLEMEN: I have the honor to submit for your consideration a report of the business of this office for the year 1892.

Plumbing licenses issued for the First Quarter . . . . .	37
“ “ “ Second Quarter . . . . .	39
“ “ “ Third Quarter . . . . .	41
“ “ “ Fourth Quarter . . . . .	43
New buildings in which an entire new system of plumbing of which plans and specifications have been filed in this office . . . . .	519
Old buildings in which an entire new system of plumbing has been placed . . . . .	36
Old buildings in which a part of the plumbing has been remodeled . . . . .	876
Small contracts for house repairs and miscellaneous work . . . . .	628
Special permits granted for cellar drains . . . . .	68
Special permits to allow roof water to enter the sewer where buildings were below street grade etc . . . . .	85
Inspections made of property having cesspools and requiring sewer connections . . . . .	609
Persons served with a notice to improve old plumbing . . . . .	301

Persons who have put in sewers after an official notice has been served on them . . . . .	282
Reports of defective drains and plumbing turned in at this office . . . . .	921
Written communications received at this office with reference to plumbing . . . . .	28
Houses disconnected from cesspools and connected with street sewers . . . . .	258
Greatest number of plumbing fixtures placed in one building . . . . .	189
The highest price paid for a single contract for plumbing was . . . . .	\$23,325 50
The lowest price reported as a single contract . . . . .	3 00
Blocks inspected up to date in which no cesspools are left in use . . . . .	712
Warrants sworn out during the year for violators of the plumbing ordinances . . . . .	6
Number of persons fined for violation of the ordinances . . . . .	2
Total number of sewer and cesspool connections reported from all sources . . . . .	1268

This office, for the regulation and inspection of plumbing and drainage, was opened for the transaction of business on the first day of January, 1892, and Ordinance No. 7131 was put in force on all contracts and all plumbing, and drainage work undertaken on and after that date until the 22d day of July. Since the 22d day of July all plumbing and drainage work has been made to conform to the new and revised Ordinance No. 7746 entitled, "An Ordinance to regulate the plumbing, ventilation and drainage of buildings, and to provide for the registration of plumbers.

The plumbing and drainage ordinances, as passed and revised by the Common Council, have met with the most earnest and outspoken approval by householders, and seem very satisfactory to the general public.

While the plumbing Ordinances are of great benefit and easily enforced in new buildings, we find many obstacles in our way when we come to condemn old and defective plumbing.

We would recommend that the Common Council consider carefully and pass an Ordinance which will give the Inspector of Plumbing and Drainage the power to condemn the plumbing and drainage of any and all buildings, the arrangements of which are in such shape as to admit of the development and spread of contagious diseases.

This power we have now in an indirect way, and can accomplish this end only through the co-operation of the Board of Health.

This ordinance we believe to be necessary, inasmuch as the greater opposition with which we have to contend comes from people who are often greatly benefited and whose ignorance leads them to believe that a hardship is imposed upon them for the sole purpose of improving the sanitary condition of their neighborhood.

It was, as I understand it, the aim and purpose of the Common Council in creating this office and endowing it with powers as embodied in the plumbing and drainage Ordinances, to protect the City of Portland as far as possible from those dangerous and unsanitary surround-

ings which are the source and germinating places for all those zymotic diseases which are never entirely absent from filthy surroundings and garbage infected locations.

It is to sanitary surroundings that we must look for a means to reduce our death rate in all cases of infectious diseases such as cholera, smallpox, diphtheria, typhoid and scarlet fevers, etc., and it is to this end that these Ordinances are enforced by this department and with no other intent or purpose.

It becomes our duty to compel unwilling householders to improve their sanitary surroundings and all future legislation in sanitary matters should tend to assist us to accomplish these ends with the least formality and the greatest dispatch consistent with legal duty.

Cholera, smallpox, diphtheria, typhoid and scarlet fever are very fatal diseases, and they require the most careful medical treatment, and the closest application of the rules of sanitary science at the hands of the medical fraternity to keep them under control in a civilized community which is in constant association through school, social and business activity.

There is a lamentable carelessness and lack of knowledge among our people, who allow their garbage cans, plumbing fixtures, open vaults and leaky cesspools and sewer connections to become unbearably foul, and to become the breeding places for all forms of disease germs.

It is to remedy this unsanitary condition, so far as inspection and law can do it, that the officers of this department have labored during the past year.

To be in a position to compel a civilized community to protect one another by making them comply with sanitary laws and usages, is most satisfactory at the time of an epidemic, for at such, and only such times do the masses seem to realize the great need for enforced sanitary measures.

The days, weeks and months and the year has been entirely too short for this department with its limited powers, to accomplish all that we had at first hoped, but we are able to say that great changes have been introduced into the methods of doing plumbing and drainage, which will result in great good and lasting benefits in a sanitary way to our citizens.

During the year we have inspected nineteen of the school buildings, and will at this time give a brief report of their condition from a sanitary point of view.

Properly arranged toilet rooms, and proper light and ventilation for these toilet rooms, and proper and simple plumbing fixtures, and a proper concentration of durable plumbing fixtures is no longer a luxury, but a positive and urgent necessity in all the school and public buildings, and I am pleased to say is as carefully studied by the architects of Portland as by any architects of which I have a knowledge in this or any other country.

While there is a remarkable lack of this study and knowledge shown in the school buildings of our city, we must be fair and say that it is not altogether the fault of our architects and school directors, but is to a certain extent the fault of our building system, which has been to a great extent of a boom order.

There is great need of improvement in the way of ventilation and plumbing in many of our fine school buildings; for example, the High School, on which large sums of money were expended to carry out in full its beautiful and ornate designs, and to complete it architecturally in every detail, shows a wonderful lack of progress in the way of simple, durable and sanitary toilet rooms with strong, cleanly and well located plumbing fixtures.

I would condemn all cemented vaults, such as are in use in this building with all their attendant wood work, as unsanitary and unhealthy and for the reason that it affords a germinating place for all forms of filth diseases, and it is through the agency of this absorbant and decaying woodwork, as much if not more than any other, that students of the public school become subject to infectious diseases and carry the germs on their person and clothing to their homes.

The toilet rooms under the stairways of this building are dark and unsanitary, as no proper ventilation can be had, unless it be at the expense of burning the gas in order to create an artificial ventilation. All the closets in a building of this class should be in rooms having an outside window, as sanitarians consider good light second only to water as a requirement in all well regulated toilet rooms.

The old wing of the Harrison Street School is a striking example of money spent in the wrong way. Of what great advantage is that massive and ornate tower to a student who is obliged to use one of those filthy,

open, cemented vaults in the basement, around the slimy and foul woodwork of which the germs of typhoid and scarlet fever and diphtheria have found a breeding place for years? I dare say it would be more in keeping with good judgment to have used the money expended for tower and ornamentation in simple, durable and sanitary plumbing fixtures.

If there is any one place more than another around a public or private school where there is great danger of children taking diphtheria, typhoid and scarlet fevers or any other contagious diseases it is most certainly around unsanitary toilet rooms, damp basements and open or cemented vaults, such as are in use in the Park, Harrison, High School, and in use also in many other public and private schools in this city.

We have during the past year examined nineteen of the public schools of this city, and I think I am fair when I say that in only two or three instances does the money expended for sanitary arrangements compare favorably with that expended for beautiful design and ornamental finish.

The Central School in Albina has good natural drainage and is a building of beautiful design and finish, but it would be a much more safe place to send a child for educational advantages if it had a deep, closed cesspool ventilated through a proper cast iron pipe carried to the highest part of the roof and good durable plumbing fixtures, well grouped with the toilet rooms carefully lighted and ventilated.

As it is this building has an open vault outside and is in better condition in a sanitary way than many other school buildings with the same arrangements; the interior plumbing of this building consists of one sink the trap of which is not ventilated and the waste pipe of which enters into a tin conductor pipe running along the water table of the building. It is around the broken and filthy parts of these cheap tin pipes that the school children breath the gusts of sewer air and malaria laden atmosphere which often makes them ill while they are at play during intermissions.

The sanitary condition of nearly all of the public and private schools of this city can and should be improved.

My services to inspect and to recommend sanitary improvements on any and all the public and private schools of this city are at any and all times at the command of the directors of these very important and necessary institutions.

School children who are exposed to and who become ill from unhealthy school surroundings and carry disease into their own homes, which are in many cases protected from unsanitary conditions with great care and at great expense, and very unfortunate indeed and their parents are certainly warranted in making a demand that the sanitary condition of our schools have more care, consideration and money bestowed upon them.

Allow me to recommend, in view of the facts which I have gained by an examination of these school buildings, that the Mayor and Common Council use every

means at their command to cause better sanitary arrangements in each and every school building in the City of Portland.

I wish also to recommend that every school building that has a connection with a public sewer have proper sanitary water closets and other necessary fixtures. I would recommend for all school buildings having open vaults, many of which fill with surface water in the winter time, that closed cesspools be used which shall be made so deep as to reach coarse gravel, and the buildings have strong plain sanitary closets, well ventilated. In small and rented school buildings the outside vaults should be kept in the most cleanly and sanitary condition and the school management should continue the disinfection of all school buildings in a regular and systematic way.

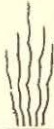
Respectfully submitted,

WM. H. CHAMBERS,  
*Inspector of Plumbing and Drainage.*

#### INVENTORY OF PROPERTY

In the office of the Inspector of Plumbing and Drainage for the year ending December 31st, 1892:

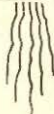
1 office table.	1 two light gas fixture.
1 linoleum carpet.	2 cuspidores.
3 office chairs.	1 set office books.
1 city map.	3000 office blanks of various kinds.



---

# APPENDIX

---





BOARD OF FIRE COMMISSIONERS

—OF—

PORTLAND PAID FIRE DEPARTMENT

1892-1893

---

J. H. STEFFEN, President . . . Term Expires July, 1894  
T. B. TREVETT. . . . Term Expires July, 1893  
THEO. WYGANT . . . . Term Expires July, 1895

---

OFFICERS

---

ROBT. HOLMAN . . . . Chief Engineer  
C. C. DOBELBOWER, 1st Asst., Dist. south of Morrison St  
W. H. H. CUMMINGS, 2d Asst., Dist. north of Morrison St  
T. DEBOEST, 3d Asst., Dist. East Portland and Albina  
A. J. COFFEE . . . Acting Superintendent Fire Alarm

---

*Office of the Board of Fire Commissioners, Chief Engineer's  
and Secretary's Room, 24 Union Block*

*C. A. FREEMAN, Secretary*

# REPORT

—OF THE—

BOARD OF FIRE COMMISSIONERS,

1892.

---

OFFICE OF THE BOARD OF FIRE COMMISSIONERS, }  
PORTLAND, OREGON, January 3, 1893. }

*To the Hon. the Mayor and Common Council of the City  
of Portland:*

GENTLEMEN:—As required by Section 177 of "An act to incorporate the City of Portland," the Board of Fire Commissioners have the honor to submit to your Honorable Body, a statement of the receipts and expenditures of the Department for the fiscal year ending December 31, 1892, and the estimates for salaries, and other necessary expenses of the Fire Department for the year 1893, with such other information and recommendations, as will tend to promote the efficiency of the service.

## REVENUES 1892.

From tax roll 1892 . . . . .	\$129,948 76	
From general fund . . . . .	11,400 00	
From canceled warrants . . . . .	11 55	
From money refunded by C. Hutchins . . . . .	9 50	
From 14 exempt certificates . . . . .	28 00	
From S. P. R. R. Co. damage to hose . . . . .	57 50	
From sale of scrap iron . . . . .	9 25	
From sale of hose couplings . . . . .	12 00	
	<u>          </u>	\$141,476 56

## EXPENDITURES 1892.

For Officers Salaries . . . . .	\$ 8,993 32	
For Companies Salaries . . . . .	68,183 33	
	<u>          </u>	\$ 77,176 65

## HOUSES AND LOTS.

Cost of Houses . . . . .	\$ 6,128 10	
Repairs, Fixtures . . . . .	2,744 47	
	<u>          </u>	\$ 8,872 57

## APPARATUS

New Apparatus . . . . .	\$ 6,000 00	
Repairs . . . . .	2,206 09	
	<u>          </u>	\$ 8,206 09

## HORSES

Purchased . . . . .	\$ 1,075 00	
Shoeing . . . . .	1,166 90	
Veterinary Surgeon . . . . .	159 50	
	<u>          </u>	\$ 2,401 40

Harness and repairing . . . . .	\$ 1,490 06	
Horse feed . . . . .	5,366 41	
Fuel . . . . .	1,804 00	
Lighting . . . . .	1,293 31	
Small stores . . . . .	800 34	
Telephone . . . . .	968 70	
Insurance . . . . .	728 30	
Incidentals . . . . .	1,856 83	
Ground Rent Hose Co. No 1 . . . . .	420 00	
	<u>          </u>	\$ 14,727 95

## HOSE.

5900 feet Rubber Hose . . . . .	\$ 6,735 00	
300 feet Cotton Hose . . . . .	285 00	
Repairs . . . . .	334 57	
	<u>          </u>	\$ 7,354 57

## WATER

Portland Hydraulic Elevator Co . . . . .	\$ 6,360 00	
Albina Light and Water Co . . . . .	1,985 50	
Portland Heights Water Co . . . . .	300 00	
	<u>          </u>	\$ 8,645 50

## HYDRANTS.

40 new . . . . .	\$ 1,604 50	
Setting same . . . . .	518 51	
Gates . . . . .	126 00	
Repairs . . . . .	804 04	
	<u>          </u>	\$ 3,053 05

Cisterns repairs . . . . .	\$ 200 54	
Office expense . . . . .	483 42	
Printing and advertising . . . . .	289 40	

## FIRE ALARM TELEGRAPH.

Salaries of supt. and linemen . . . . .	\$ 2,814 75	
Maintenance . . . . .	1,338 09	
Extension Material . . . . .	881 30	
Labor . . . . .	105 87	
		\$ 5,140 01

## AUXILIARY FIRE COMPANIES.

Material . . . . .	\$ 364 64	
Labor . . . . .	830 00	
		\$ 1,194 64

Total expenditures in 1892 . . . . .	\$137,745 79
Deficiency for 1891 paid from revenues 1892 . . . . .	853 15
Total expenditures for 1892 and deficiency of 1891 . . . . .	\$138,598 94

## SUMMARY.

Revenues of 1892 . . . . .	\$141,476 56
Expenditures for 1892 and deficiency of 1891 . . . . .	138,598 94
Balance on hand . . . . .	\$ 2,877 62

## ESTIMATES FOR 1893.

Salaries . . . . .	\$ 90,000 00
--------------------	--------------

## APPARATUS.

Three Chemical Engines . . . . .	\$ 6,000 00
Repairs . . . . .	3,000 00
	\$ 9,000 00

## HOUSES AND LOTS.

Lot in Holladay's Add. . . . .	\$ 2,500 00	
House in Holladay's Add . . . . .	4,000 00	
Repairs to houses . . . . .	5,500 00	
		\$ 12,000 00
Hose . . . . .	\$ 5,500 00	
Hydrants . . . . .	7,000 00	
Cisterns—repairs . . . . .	250 00	
Horses—Cost . . . . .	\$ 3,000 00	
Shoeing . . . . .	1,400 00	
Veterinary surgeon . . . . .	175 00	
		\$ 4,575 00
Two Buggies . . . . .	500 00	
One spring wagon . . . . .	250 00	
Harness . . . . .	1,850 00	
Horse feed . . . . .	6,500 00	
Telephone . . . . .	1,300 00	
Lighting . . . . .	1,500 00	
Fuel . . . . .	2,000 00	
Small stores . . . . .	1,000 00	

## WATER

Portland Hyd. Elev. Co. . . . .	\$ 6,360 00	
Albina Light and Water Co . . . . .	2,500 00	
Portland Heights . . . . .	360 00	
		\$ 9,220 00

The Water Committee of the City of Portland has presented to the Fire Commissioners a demand for payment for water used by the Department at the following rates: Eleven engines and hose houses, \$53.25 per month, hydrants at \$5 per month, 71 cisterns at \$5 per month each. Making the present cost of water \$1615.85, per month. If this demand is to be complied with, and an increased number of hydrants placed, the estimate for cost of city water for the coming year will be \$22,500.00 but it will be impossible for the Fire Commissioners to pay this amount out of their regular fund.

Office expenses . . . . .	500 00
Printing and advertising . . . . .	300 00
Insurance . . . . .	425 00
Ground rent Hose Co. No 1 . . . . .	420 00
Incidentals . . . . .	2,000 00

FIRE ALARM TELEGRAPH.

Maintenance . . . . .	\$ 1,500 00
Indicators . . . . .	500 00
Extension for 20 new boxes . . . . .	1,240 00
Two new alarm boxes . . . . .	2,000 00
System for East Side, per contract . . . . .	7,500 00
	<u>\$ 12,740 00</u>
	\$168,830 00
On hand Dec. 31, 1892 . . . . .	2,877 62
Total estimate for 1893 . . . . .	<u>\$165,952 38</u>

We would again urge upon your Honorable Body the necessity for a fire boat for the protection of property situated along the river front on both sides of the river, much of which is so situated that it is impossible for the Fire Department to reach, and do effective work.

LIST OF PROPERTY IN TRUST.

VALUES ESTIMATED.

Engine Co. No. No. 1 and Hook and Ladder Co. No. 1, lot and house and bell tower . . . . .	\$ 50,000 00
Engine Co. No. 2, house and lot . . . . .	25,000 00
Engine Co. No. 3, house and lot . . . . .	20,000 00
Engine Co. No. 4 and Hook and Ladder Co. No. 2, house and lot . . . . .	15,000 00
Engine Co. No. 5, house and lot . . . . .	7,500 00
Engine Co. No. 6 and house, corporation shed, house and lot . . . . .	8,000 00

Engine Co. No. 7 and Hook and Ladder Co. No. 4, house and lot . . . . .	20,700 00
Engine Co. No. 8 and Hook and Ladder Co. No. 5, house and lot . . . . .	6,000 00
Hook and Ladder Co. No. 3, house and lot . . . . .	10,000 00
Hose Co. No. 1, house . . . . .	750 00
Hose Co. No. 2, house and lot . . . . .	30,000 00
Hose Co. No. 3, house and lot . . . . .	3,500 00
Hose Co. No. 4, Vancouver ave., house and lot . . . . .	2,750 00
House and lot, Holladay's Add . . . . .	1,500 00
House and lot, Miss. ave . . . . .	1,800 00
House and lot, Rodney ave . . . . .	2,250 00
	<u>\$ 204,750 00</u>

APPARATUS.

Ten engines, seven hose wagons, three hose carriages (4 wheels), one hose carriage four wheels (hand), four hose carts (2 wheels), seven hand hose reels (2 wheels), two engines (unfit for use), one first-class Hook and Ladder Truck, one second-class Hook and Ladder Truck, three third-class Hook and Ladder Trucks, two village trucks (hand) . . . . .	70,000 00
Harness, etc . . . . .	4,250 00
Property in corporation shed . . . . .	500 00
Property in Commissioner's office . . . . .	300 00
Property in engine houses, stores, tools, etc . . . . .	5,000 00
Fifty-one horses . . . . .	10,570 00
Fire Alarm Apparatus . . . . .	25,000 00
	<u>\$ 115,620 00</u>
Total value of property in trust . . . . .	\$ 320,370 00

The complete detailed exhibits of the workings of the Department for the year 1892, and inventories of Department properties as required by section 180 of the City Charter, will be laid before your Honorable Body as soon as they can be prepared.

Respectfully submitted,

J. H. STEFFEN, President.  
T. B. TREVETT,  
THEO. WYGANT,  
*Fire Commissioners.*

C. A. FREEMAN,  
*Secretary.*

## CHIEF ENGINEER'S REPORT.

OFFICE OF CHIEF ENGINEER, 170 Fourth street, }  
PORTLAND, OREGON, Dec. 31, 1892. }

*To the Honorable Board of Fire Commissioners:*

GENTLEMEN:—In compliance with the charter and ordinances of the city, I herewith present the Annual Report of my department, showing the conditions of the organization under my charge, the amount of loss, and insurance, number of fires, and alarms, the present state of the various engine houses, hose carriages, and hook and ladder trucks, and all other appurtenances connected with the organization, together with a statement relative to the necessary improvement required for the more effectual extinguishing and prevention of fires occurring in this city, for the year ending December 31, 1892.

### FIRE ALARMS.

During the year the Department responded to 257 alarms. The total losses amount to \$573,885.50: of this amount \$435,619.06 was from nine fires as follows:

May 5—Saw mill owned by Nicolai Brothers . . . . .	\$ 20,000 00	
July 9—S. E. Cor. 6th and Davis owned by Catlin and Gray . .	20,172 50	
July 11—Cor. 7th and Wash. owned by Steinbach & Wells and others	56,906 00	
July 14—S. W. Cor. 12th and Lovejoy owned by Milton W. Smith	30,323 56	
Aug 1—Cor. Front and Pine owned by Thompson & Dolph . . . .	193,990 00	
Aug 24—East 3d and Division streets owned by Kennedy & O'Neil .	14,044 00	
Sept 4—5th, bet. Hoyt and Irving owned by C. H. Dodd . . . .	17,600 00	
Oct 3—N. E. Cor. 1st and Pine owned by J. Kamm . . . . .	24,945 00	
Dec. 27—Union avenue and East Morrison owned by E. J. Bruce and others . . . . .	57,638 00	
		\$435,619 06

### FORCE OF THE DEPARTMENT.

The working organization of the Department consists, at the present time, of the following force :

One hundred and sixty-two men, classed as follows : Eighty members of engine companies, fifty members of hook and ladder companies, and thirty-two members of hose companies, making a total of one hundred and seventy-one men.

The above are divided into eight engine companies, four hose companies, and five hook and ladder companies.

There are five engines in good condition, three in ordinary condition, and one relief engine in good condition, six hose wagons in good condition, three hose carts in good condition, one in ordinary condition, and one hose carriage in ordinary condition, hook and ladder trucks 1, 2, 3, 4 and 5 are all in good condition. There are in use in the Department, 10,250 feet of hose, of which 7550 feet in good condition, 1800 in ordinary condition, and 850 feet in bad condition.

### CONDITIONS OF HOUSES AND APPARATUSES

#### Engine Company No. 1

House in good condition; apparatus—steamer in good condition, built by Clapp & Jones. One two wheel hose cart in good condition; 750 feet of hose, 50 feet in ordinary condition. Present number of men 10.

#### Engine Company No. 2

House in bad condition, should be rebuilt, is in a delapidated condition and unfit for occupation. Apparatus—in ordinary condition—steamer, built by the Amoskeag Manufacturing Co., Manchester, New Hampshire, built in 1873. One two wheel hose cart in good condition; 800 feet hose, 700 feet good and 100 feet in ordinary condition. Present number of men 10.

#### Engine Company No. 3.

House in good condition; engine 4th class, built by H. C. Silsby, Seneca Falls, N. Y., 1880. One two

wheel hose cart in good condition; 800 feet of hose in ordinary condition. Stalls of horses need repairing, also new heater for steamer. Present number of men 10.

#### Engine Company No. 4.

House in good condition, except floor needs repairing and upper room needs painting. Apparatus—steamer 2d class, built by the Amoskeag Co. in 1873, in ordinary condition. One two wheel hose cart in good condition; 800 feet of hose, 500 feet good, and 300 feet in ordinary condition. Present number of men 10.

#### Engine Company No. 5.

House in good condition—inside needs painting. Apparatus—steamer, built by the Amoskeag Co., 4th class, built in 1874, in good condition—needs new boxes for hind wheels. One four-wheel hose wagon and harness in good condition; 800 feet of hose, 500 feet in good condition, and 300 feet in ordinary condition. Present number of men 10.

#### Engine Company No. 6.

House in good condition, except floor needs repairing. Apparatus in good condition—engine 3d class, built by Clapp & Jones, Hudson, N. Y., 1890. One four-wheel hose wagon, built by Frank Thunander, Portland, in good condition; 900 feet of hose, 700 feet good and 200 feet in ordinary condition. Present number of men 10.

#### Engine Company No. 7.

House in good condition. Apparatus—steamer, needs general overhauling, built by H. C. Silsby, Seneca Falls, New York, in 1883. One four-wheel hose wagon in good condition; 950 feet of hose, 700 feet in good condition and 250 ordinary. Present number of men 10.

#### Engine Company No. 8.

House in good condition, built in 1891. Apparatus in good condition, built by the Waterous Co., St. Paul, Minn. Steamer 4th class, built 1891. One four-wheel hose wagon in good condition; 1050 feet of hose 800 feet good and 250 feet in bad condition. Present number of men 10.

#### Hose Company No. 1.

House entirely too small; needs a new location. Building temporarily rented by the city. One four wheel hose carriage, built by Hayes & Co., San Francisco in 1887, in ordinary condition—needs painting; 850 feet of hose in good condition; present number of men, 8.

#### Hose Company No. 2.

House in ordinary condition. Needs repairing and painting. One four wheel hose wagon in good condition; 800 feet of hose, 500 feet in good condition, and



300 feet in ordinary condition. Present number of men, 8.

#### Hose Company No. 3.

House in good condition; needs repairs to floor and painting. One four wheel hose carriage in good condition; 850 feet of hose, 700 feet in good condition, 150 feet in bad condition. Present number of men, 8.

#### Hose Company No. 4.

House in good condition; needs painting; one four wheel hose wagon in good condition, built in 1889; 900 feet of hose, 500 feet good and 400 feet in ordinary condition. Present number of men, 8.

#### Hook and Ladder Company No. 1.

Apparatus—first-class, equipped with six Babcocks and all the necessary compliment of hooks, axes, etc. Apparatus in good condition. House in good condition; needs painting. Present number of men, 10.

#### Hook and Ladder Company No. 2.

House in good condition; needs painting. Apparatus, 2d class, in good condition; needs painting—built in 1878. Present number of men, 10.

#### Hook and Ladder Company No. 3.

Apparatus in good condition; house in good condition; needs painting. Truck (3d size), built by Hayes

& Co., in 1891, 55 feet extension ladders. Present number of men, 10.

#### Hook and Ladder Company No. 4.

House in good condition; needs painting. Apparatus (3d class), Hayes truck new, in good condition. Present number of men, 10.

#### Hook and Ladder Company No. 5.

House in good condition; needs painting. Apparatus built by Hayes & Co. in 1891 (3d class), 55 feet extension ladder with all the usual compliment of axes, etc. Present number of men, 10.

#### DEATHS.

During the year 1892 only one death occurred; J. Hewston, extraman of Engine Co. No. 4, killed October 3d at the fire in the Kamm block by falling timbers. The deceased was buried by the Firemaus' Mutual Relief Association.

I would recommend that 5,000 feet of the best quality of hose be purchased for the use of the department.

The number of fire hydrants in the city are as follows:

Western District . . . . .	23
Eastern District . . . . .	14
Elevator Company . . . . .	5
Portland Heights . . . . .	6
Total . . . . .	48

There are in the city 82 fire cisterns, all in good condition, except those located at the intersection of Pine and First streets, and B and Second, which will not hold water; and those at Madison and Front, Columbia and Front, are leaky.

Cisterns, West Side . . . . .	71
Cisterns, East Side . . . . .	11
Total number . . . . .	82

I would, therefore, recommend that the leaky cisterns be placed in good condition, that in case of a break in the water mains, the department will have a supply of water.

#### FIRE BOAT.

I would also call your attention to the necessity of providing the Department with a Fire Boat. That the rapid growth and the great increase in the erection of large buildings and mostly warehouses, in that part of the city—the business district, lying along the water front, demands a fire boat. And I would further state, that in addition to this, there are no facilities for our steamers to obtain positions. We have no piers to take suction from the river, and I would therefore recom-

mend that an appropriation be asked for the building and equipping of a fire boat. It could render efficient service on both sides of the river, and the Department would be able to meet any emergency for the protection of property, and prevent large conflagrations, several blocks from the river.

The most important feature in relation to this subject is that the amount of money allotted to the maintenance of the Department is entirely inadequate to meet the many applications made upon it. This difficulty could be obviated by the passage of a law by the Legislature that your Honorable Body be furnished such amount of money, by the common council, without waiting to go through the usual formula as at present, and with less expense to the city.

#### INSPECTOR OF BUILDINGS.

I desire to call the attention of the Board to the need of a Building Inspector, and that a stringent law should be enacted in relation to the construction of buildings, which would enable the officer to perform his duty with effect. A large number of the buildings erected in our city are unsafe for firemen to enter. This can be remedied by giving the power to stop the work in all cases where the law is violated.

During the year 160 permits for alterations and repairs have been granted.

In conclusion, I return my sincere thanks to the foremen and members of the Department under their com-

mand; they have displayed in every instance where their duty called them a disposition to show their fellow citizens that they were faithful in every respect in the discharge of their duties; also to the Chief of Police for his kindness in offering to work in harmony with the Fire Department.

Respectfully submitted,

ROBERT HOLMAN,  
Chief of Fire Department.

EXHIBIT OF LOSSES BY FIRE DURING THE YEAR 1892.

THE INSURANCE INVOLVED AND INSURANCE PAID.

MONTHS.	LOSS.		INSURED FOR.		INSURANCE PAID.	
	Building.	Contents.	Building.	Contents.	Building.	Contents.
January . . . . .	\$ 5,006 35	\$ 9,937 80	\$ 69,800 00	\$ 23,500 00	\$ 4,416 35	\$ 9,400 00
February . . . . .	9,158 50	6,469 00	23,350 00	15,750 00	5,903 50	3,404 50
March . . . . .	1,760 66	2,252 56	21,500 00	10,900 00	1,295 66	1,191 06
April . . . . .	1,777 32	4,828 25	29,100 00	21,662 50	1,777 32	4,623 25
May . . . . .	2,867 53	19,914 10	23,200 00	8,050 00	622 53	959 10
June . . . . .	6,626 00	8,751 70	20,850 00	7,600 00	2,517 33	5,680 12
July . . . . .	38,397 00	91,092 06	68,015 00	70,277 00	27,500 00	61,530 25
August . . . . .	38,043 50	182,739 84	69,550 00	215,900 00	32,063 50	177,735 84
September . . . . .	15,932 50	23,120 75	22,800 00	54,965 00	8,813 50	42,986 25
October . . . . .	19,441 00	11,364 60	94,250 00	62,500 00	18,910 50	7,874 60
November . . . . .	2,408 16	7,832 15	27,900 00	11,510 00	1,748 16	6,732 15
December . . . . .	31,027 75	33,136 42	31,900 00	86,175 00	14,928 25	18,106 42
	\$ 172,446 27	\$ 401,439 23	\$ 502,215 00	\$ 588,789 50	\$ 120,496 60	\$ 340,223 04

Total loss, 1892 . . . . . \$ 573,885 50  
 Insurance . . . . . 1,091,004 50  
 Insurance paid . . . . . 460,719 64  
 Losses over Insurance paid . . . . . 113,165 86

## CAUSES OF FIRES AND ALARMS.

Burning flue . . . . .	18
Burning rubbish . . . . .	8
Burning sawdust . . . . .	1
Burning rags . . . . .	1
Boiling coal paints . . . . .	3
Carelessness . . . . .	27
Children playing with matches . . . . .	2
Collapse of building . . . . .	1
Coals from stove . . . . .	1
Defective flues . . . . .	30
Defective ventilation . . . . .	1
Defective range . . . . .	5
Defective floor in boiler room . . . . .	2
Defective oven . . . . .	1
Explosion—alcohol stove . . . . .	1
Explosion—gasoline stove . . . . .	5
Fire crackers . . . . .	5
From adjoining building . . . . .	6
From under boiler . . . . .	1
Foul ventilator . . . . .	1
Fired by tramps . . . . .	1
Fire works . . . . .	2
False . . . . .	8
Gas jet . . . . .	1
Hot ashes . . . . .	2
Incendiary . . . . .	20
Lamp explosion . . . . .	15
Lack of stove protection . . . . .	2
Overheated stove . . . . .	3

Spontaneous combustion . . . . .	1
Sparks from furnace . . . . .	3
Sparks from chimney . . . . .	24
Supposed incendiary . . . . .	13
Sparks from motor . . . . .	3
Sparks from core ovens . . . . .	1
Sparks from mill . . . . .	1
Sparks from locomotive . . . . .	1
Sparks from steamboat . . . . .	1
Unknown . . . . .	22
Upsetting coal oil lamp . . . . .	9
Upsetting coal oil stove . . . . .	3
Wood behind stove . . . . .	1
Total . . . . .	257

CLASSIFICATION OF LOSSES.

Number of false alarms . . . . .	8
Number of fires, no loss or nominal . . . . .	82
Number of fires, loss under \$100 . . . . .	51
Number of fires, loss between \$100 and \$200 . . . . .	11
Number of fires, loss between \$200 and \$300 . . . . .	18
Number of fires, loss between \$300 and \$400 . . . . .	9
Number of fires, loss between \$400 and \$500 . . . . .	12
Number of fires, loss between \$500 and \$750 . . . . .	13
Number of fires, loss between \$750 and \$1000 . . . . .	7
Number of fires, loss between \$1000 and \$2000 . . . . .	14
Number of fires, loss between \$2000 and \$5000 . . . . .	14
Number of fires, loss between \$5000 and \$10,000 . . . . .	9
Number of fires, loss over \$10,000 . . . . .	9
Total . . . . .	<u>257</u>

FIRE RECORD 1883 TO 1892 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

TABLE OF FIRES AND ALARMS.

YEAR ENDING DECEMBER 31, 1891.

Months.	From all sources.	Boxes.	Stills.	Telephone.	East Portland.	Albina.	Actual Fires.	False.
January . . . . .	18	13	2	3	---	---	17	1
February . . . . .	10	7	2	1	---	---	10	---
March . . . . .	18	9	7	2	---	---	18	---
April . . . . .	9	5	2	2	---	---	9	---
May . . . . .	8	6	1	1	---	---	8	---
June . . . . .	10	7	3	---	---	---	10	---
July . . . . .	29	16	10	2	1	---	29	---
August . . . . .	15	10	4	---	1	---	15	---
September . . . . .	14	5	7	1	1	---	14	---
October . . . . .	13	5	5	1	1	1	11	2
November . . . . .	18	7	7	1	1	2	17	1
December . . . . .	20	10	6	2	1	1	20	1
Totals . . . . .	182	100	56	16	6	4	178	5

TABLE OF FIRES AND ALARMS.

YEAR ENDING DECEMBER 31, 1892.

Months.	From all sources.	Boxes.	Stills.	Telephone.	Bell.	Actual Fires.	False.
January . . . . .	22	11	3	4	4	21	1
February . . . . .	12	3	5	---	4	12	---
March . . . . .	18	9	5	1	3	18	---
April . . . . .	7	4	1	---	2	7	---
May . . . . .	24	13	7	---	4	23	1
June . . . . .	23	9	9	1	4	23	---
July . . . . .	30	16	12	1	1	29	1
August . . . . .	35	11	8	5	11	34	1
September . . . . .	19	9	4	1	5	18	1
October . . . . .	25	13	9	---	3	24	1
November . . . . .	17	8	5	---	4	17	---
December . . . . .	25	9	5	6	5	25	---
Totals . . . . .	257	115	73	19	50	251	6

## LOCATION OF HOUSES.

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

No. 2 Engine Company, west side of Second, between Oak and Pine 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 Whitaker 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, west side of Borthwick, between Knott and Sellwood streets.

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, southeast corner East Third and East Pine streets.

Hook and Ladder Company No. 5, west side of Borthwick, between Knott and Sellwood streets.

Hose Company No. 1, foot of Couch street, water front.

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

Hose Company No. 3.

Hose Company No. 4, Vancouver avenue, between Summit and Cedar streets.

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

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

## INSURANCE ON BUILDINGS.

## ENGINE AND TRUCK HOUSE NO. 1.

Commercial Union Insurance Co. of London, expires March 30, 1895 . . . . .	\$1,142 86	
Home Insurance Co. of New York, ex- pires November, 14, 1895 . . . . .	2,857 14	
	<u>          </u>	\$ 4,000 00

## FIRE BELL AND ATTACHMENTS.

Commercial Union Insurance Co. of Lon- don, expires March 30, 1895 . . . . .	458 27	
Home Insurance Co. of New York, ex- pires November 14, 1895 . . . . .	1,041 73	
	<u>          </u>	\$ 1,500 00

## ELECTRICAL APPURTENANCES, ETC.—FIRE ALARM TELEGRAPH.

Home Insurance Co. of New York, ex- pires November 14, 1895 . . . . .	2,142 86	
Commercial Insurance Co, of London, expires March 30, 1895 . . . . .	857 14	
	<u>          </u>	\$ 3,000 00

## ENGINE HOUSE NO. 3.

London & Lancashire Fire Insurance Co. of London, expires May 20, 1895 . . . . .	1,500 00	
Imperial Insurance Co. of London, ex- pires May 20, 1895 . . . . .	1,500 00	
	<u>          </u>	\$ 3,000 00

## ENGINE HOUSE NO. 4, AND TRUCK HOUSE NO. 2.

Phoenix Assurance Co. of London, ex- pires February 1, 1895 . . . . .	\$ 3,000 00
--	-------------

## ENGINE HOUSE NO. 5.

Phoenix Assurance Co. of London, ex- pires April 25, 1895 . . . . .	\$ 2,500 00
--	-------------

## ENGINE HOUSE NO. 6.

Home Insurance Co. of New York, ex- pires April 14, 1895 . . . . .	750 00	
Orient Insurance Co. of Hartford, Conn., expires April 14, 1895 . . . . .	750 00	
	<u>          </u>	\$ 1,500 00

## ENGINE HOUSE NO. 8.

Home Insurance Co. of New York, ex- pires October 21, 1895 . . . . .	\$ 2,000 00
---	-------------

## TRUCK HOUSE NO. 3.

Phoenix Assurance Co. of London, ex- pires February 1, 1895 . . . . .	\$ 1,500 00
--	-------------

## HOSE HOUSE NO. 4.

Continental Insurance Co. of New York, expires September 29, 1894 . . . . .	500 00	
Continental Insurance Co. of New York, expires July 2, 1894 . . . . .	900 00	
	<u>          </u>	\$ 1,400 00



## CORPORATION SHED.

Home insurance Co. of New York, expires April 14, 1895 . . . . .	500 00	
Orient Insurance Co. of Hartford, Conn., expires April 14, 1895 . . . . .	500 00	
	<u>          </u>	\$ 1,000 00

## HOUSE ON MISSISSIPPI AVENUE.

Continental Insurance Co. of New York, expires July 2, 1894 . . . . .		\$ 900 00
---	--	-----------

## HOUSE ON RODNEY AVENUE.

Oakland Home Insurance Co., expires May 1, 1894 . . . . .		\$ 900 00
Total . . . . .		<u>\$26,200 00</u>

## FIRES AND ALARMS

FROM

JANUARY 1, 1892, TO DECEMBER 31, 1892.

## JANUARY.

Friday, 1st, 7:20 p. m. Box 59.

384 East Park. One two-story frame, owned by H. Fleckenstein, and occupied by Emil Frank and others as a dwelling; cause, hot ashes from barrel; loss, \$10,117.80; insurance, \$25,000.

Saturday, 2d, 6 p. m. Box 4.

S. W. corner First and Hall. One-story frame; cause, burning flue; no loss.

Monday, 4th, 2:30 p. m. Still.

191 Sixth street. One two and a half story frame, owned by J. C. Ainsworth and occupied by Mrs. S. F. Mathews as a dwelling; cause, gasoline stove explosion; no loss; extinguished by occupants.

Monday, 4th, 9:30 p. m. Still.

West Salmon and St. Clair. One two and a half story frame, owned by W. W. Spaulding and occupied by him as a dwelling; cause, defective fire-place; loss, \$275; insurance, \$14,000.

Tuesday, 5th, 7 a. m. Box 45.

G, between 7th and East Park. One three-story brick, owned by Mrs. John Harlow, occupied by various persons as lodgings and stores; cause, upsetting coal oil stove; loss, \$25; insurance, \$15,000.

Tuesday, 5th, 6:45 p. m. Box 17.

S. E. corner 4th and E. One two-story frame, owned by Mrs. John Harlow, occupied as lodgings and saloon; cause, burning flue; no loss.

Thursday, 7th, 9:15 a. m. Telephone.

S. E. corner 1st and F. One two-story frame, owned by Portland Gas Light Co., and occupied by J. Landigan and J. C. Stewart, as pawn brokers and dwelling; cause, stove pipe in roof; loss, \$150; insurance, \$5,500.

Friday, 8th, 6 a. m. Still.

N. E. corner 3d and Columbia. One three-story frame, owned by Mrs. Dr. Cox, Pleasanton building, and occupied as stores and lodgings; cause, lamp explosion; loss, \$829; insurance, \$15,800.

Saturday, 9th, 5:30 p. m. Box 35.

Jefferson street, between 14th and 15th. One two-story frame, owned by Chapman & Burke, and occupied by John Franey as saloon; cause, carelessness; loss, \$525; insurance, \$1,500.

Sunday, 10th, 2:15 a. m. Box 17.

B street, between 3d and 4th. One three-story brick owned by J. Neppach, and occupied by J. Phillips as a clothing store; cause, unknown; loss, \$491.85; insurance, \$8,750.

Sunday, 10th, 8:15 p. m. Telephone.

126 5th street. One two-story frame, owned by Mrs. Failing and occupied by Mrs. M. Clark as a lodging house; cause, lamp explosion; loss, \$225; no insurance.

Wednesday, 13th, 9:50 a. m. Box 57.

Corner Taylor and Pacific. One two-story frame, owned by Failing; cause, burning flue; no loss.

Wednesday, 13th, 10:20 a. m. East Portland.

Fourth and Oregon streets. One two-story frame, owned by J. F. Wheeler, and occupied by W. A. Wheeler as a dwelling; cause, spontaneous combustion; loss, \$115; insurance, \$1,000.

Friday, 15th, 8:30 p. m. Albina.

Foot of Russell street. One-story frame, owned and occupied by Wm. Thompson as a dwelling; cause, unknown; loss, \$150; no insurance.

Sunday, 17th, 1:55 p. m. Box 51.

Third, between Taylor and Salmon. One two-story frame, owned by D. A. Woodbury and occupied by E. J. Quinn and others as a dwelling; cause, defective flue; loss, \$40; no insurance.

Monday, 18th, 9:30 p. m. Albina.

Williams avenue and Grant. One-story frame, owned by Hy Weinhart, and occupied by John Sullivan as a saloon; cause, defective flue; loss, \$1450; insurance \$1750.

Tuesday, 19th, 1:30 a. m.

Outside City limits.

Saturday, 23d, 5:30 p. m. Box 16.

No. 40 North 2d street. One-story frame, owned by Donald Macleay, and occupied by Chinese as a Chinese laundry; cause, defective flue; loss, \$500. No insurance.

Sunday, 24th 3 a. m. Telephone.

N. E. corner 2d and Davis. One iron building, owned and occupied by Heintz Bros. as a foundry; cause, sparks from furnace; no loss.

Tuesday, 26th, 8:15 a. m. Telephone.

Taylor and Chapman streets. One street bridge, owned by city, and occupied as a street; cause, burning rubbish; loss, nominal.

Friday, 29th, 2:26 a. m. Box 54.

N. E. corner Pine and 4th. One three-story frame, owned and occupied by Chinese, as a Chinese store and lodgings; cause, fire crackers; loss, \$50; insurance \$5000.

## FEBRUARY.

Tuesday, 2d, 10:40 p. m. Albina.

Corner Prescott and Russell streets. One two-story frame, owned and occupied by John F. Gomes as a store and dwelling; cause, defective flue; loss, \$2732; insurance \$2900.

Tuesday, 11th, 5:30 a. m. Still.

No. 4 Jefferson street. One one-story frame, owned by Van

B. DeLashmutt, and occupied by G. W. Evans as a dwelling; cause, incendiary; loss, \$5; no insurance.

Saturday, 13th, 8:30 a. m. Still.

N. E. corner 3d and Montgomery. One one-and-half-story frame, owned by R. B. Knapp, and occupied by Mrs. Sarvin as a dwelling; cause, wood behind stove; loss, \$10; insurance \$900.

Saturday, 13th, 1:30 p. m. East Portland.

Sixth street between W and V. One one-story frame, owned by Evangelical church and occupied by W. Thompson as a dwelling; cause, sparks from flue; no loss.

Sunday, 14th, 1 p. m. Still.

N. E. corner 3d and Montgomery. One one and-half-story frame, owned by R. B. Knapp, and occupied by Mrs. Sarvin as a dwelling; cause, defective flue; loss, nominal.

Tuesday, 16th, 6:05 p. m. Box 8.

No. 101 Eleventh street. One two-and-half-story frame, owned and occupied by F. Dekum as a dwelling; cause, upsetting coal oil lamp; loss, \$60; insurance \$18,000.

Thursday, 18th, 1:15 p. m. Still.

Seventh street between Yamhill and Taylor. One one-story frame, owned by J. C. Ainsworth, and occupied by Mrs. Chas. Grant as a dwelling; cause, sparks from flue; no loss.

Friday, 19th, 8 p. m. East Portland.

Corner 6th and Cherry streets. One one-story frame, owned by Chinamen, and vacant; cause incendiary; no loss.

Saturday, 20th 7:30 p. m. Albina.

Corner Prescott and Cleveland. One one-story frame, owned by Andrew Swensen, and occupied as a dwelling; cause, defective flue; loss, \$15; no insurance.

Tuesday, 23d, 4:40 p. m. Box 17.

Nos. 69 and 71 North 3d. One two-story frame, owned by J. Deal, and occupied by Schwartz Bros. as a theatre; cause, defective flue; loss, \$6500; insurance \$750.

Tuesday, 23d, 4:40 p. m. Box 17.

No. 71 North 3d street. One two-story frame, owned by J. Deal, and occupied by N. Schire as a cigar store; cause, defective flue; loss, \$425; insurance \$500.

Tuesday, 23d, 4:40 p. m. Box 17.

No. 67½ North 3d street. One one-story frame, owned by Northwest Marine Assurance Company and occupied by Mrs. B. McIntyre as a cigar store; cause from adjoining building; loss, \$250; no insurance.

Wednesday, 24th, 7:30 p. m. Box 57

No. 292, 294, and 296 Taylor street. One two-story frame, owned by Mrs. Esther N. Rosenblatt and occupied by Dr. H. C. Miller and others as a dwelling; cause, defective flue; loss, \$5080.50; insurance, \$8550.

Wednesday, 24th, 8 p. m. Still.

Northwest corner 22d and I. One two-story frame, owned by Mrs. Rosenblatt; cause from fire at No. 294; no loss.

### MARCH.

Tuesday, 1st, 10:25 a. m. Box 58.

No. 396 West Main. One one-story frame, owned by J. E. Haseltine, and occupied by G. W. Hazen as a dwelling; cause unknown; loss, \$208.76; insurance, \$4000.

Tuesday, 1st, 8:20 p. m. Still.

Jefferson, between 2d and 3d. One three-story frame, owned by Mr. Smith, and occupied by several as a dwelling; cause, burning flue; no loss.

Thursday, 3d, 1:30 a. m. Box 61.

No. 47 and 49 Couch street. Two one-story frame, owned by Therkelson & McKay, occupied by P. H. Phillips and others as a coffee house and storage; cause, carelessness, smoking; loss, \$1547.50; insurance, \$1000.

Friday, 4th, 3:50 p. m. Box 4.

No. 11 Hall street. One two-story frame, owned by F. Hous-trom, and occupied by Mrs. Smith as a dwelling; cause, supposed incendiary; loss, \$862.36; insurance, \$2800.

Friday, 4th, 8:30 p. m. Still.

No. 428 Flanders street. One two-story frame, owned by Bishop Morris, occupied as dwelling; cause, carelessness with lamp; loss, \$21.50; insurance, \$6000.

Monday, 7th, 8 p. m. Box 31.

Porter street, between Hood and Multnomah. One two-story frame, owned by Dr. Brown, and occupied by the Boys and Girls Aid Society; cause, incendiary; loss, \$175; insurance, \$2000.

Tuesday, 8th, 4 a. m. Still.

Nineteenth street, between O and P. One one-story frame owned by C. H. Lewis, and occupied as a barn; loss, \$60; no insurance.

Tuesday, 8th, 2:30 p. m. Box 14.

Pine street, between 2d and 3d. One one-and-one-half-story frame, owned by Arthur Fahie estate, and occupied by Chinese as a laundry; cause, defective flue; loss, \$50; no insurance.

Thursday, 10th, 6:15 p. m. East Portland.

Northwest corner 1st and Clay. One one-story frame, owned and occupied by Cyrus Taylor as a dwelling; cause, defective flue; loss, \$400; no insurance.

Saturday, 12th, 8:50 p. m. Box 13.

Northwest corner 3d and Washington. One two-story frame, owned by W. S. Ladd, and occupied as a billiard hall; cause, burning flue; no loss.

Saturday, 19th, 4:30 a. m. Still.

Corner Front and E. One one-story frame, owned and occupied by Willamette Iron Works as a foundry; cause, fire under boiler; no loss.

Sunday, 20th, 2:45 a. m. Still.

Washington, between 1st and 2d. One three-story frame, owned by Alex Mayer, and occupied as saloon and offices; cause, hot ashes in barrel; loss, \$70; insurance, \$7500.

Thursday, 24th, 8 p. m. East Portland,

Fifth and B streets. One two-story frame, owned by H.

Gerryman, unoccupied; cause, carelessness by tinnerns; loss, nominal.

Sunday, 27th, 10:45 a. m. Box 37.

No. 73 Arthur street. One one-and-one-half-story frame, owned by D. Wise and occupied as a dwelling; cause, defective flue; no loss.

Monday, 28th, 1:45 p. m. East Portland.

Northeast corner 12th and East Morrison. One one-story frame, owned and occupied by S. E. Josephi as a stable; cause sparks from motor; no loss.

Tuesday, 29th, 12:30 a. m. Box 18.

North Front, between T and R. One one-story frame, owned by Southern Pacific Company, and occupied as a drying house; cause, from furnace; loss \$25; no insurance.

Tuesday, 29th, 6:15 p. m. Box 15.

First street, between Ash and A. One three-story brick, owned by Thompson & Burner, and occupied by C. F. McDonald as a printing office; cause, carelessness; loss, \$572.66; insurance, \$3500.

Wednesday, 30th, 9 p. m. Telephone.

First and E streets, one two-story frame, owned by Portland Gas Light Co., and occupied by J. Landigan as a pawn shop; cause, gas jet; loss, \$20.50; insurance, \$5600.

#### APRIL.

Thursday, 7th, 4:10 a. m. Box 28.

Twelfth and Couch streets. One three-story brick, owned and

occupied by H. Weinhard as a brewery; cause unknown; loss, \$2921.07; insurance, \$25,000.

Friday, 15th, 6 p. m. Box 31.

Southwest corner Hooker and Water streets. One one-and-one-half-story frame, owned by John Sedlock, and occupied by H. Soetus as a residence; cause, supposed incendiary; no loss.

Monday, 18th, 12:30 a. m. Albina.

Williams avenue and Sellwood street. One one-story frame, owned and occupied by Peter Schruher as a residence; cause, supposed incendiary; loss, 535; insurance, \$450.

Monday, 18th, 12:30 a. m. Albina.

Williams avenue and Sellwood streets. One two-story frame, owned by Geo. Henkle, and occupied as a residence; cause, from adjoining building; loss, \$92; insurance, \$2000.

Tuesday, 19th, 6 p. m. Still.

Northwest corner Pine and 2d streets, one two-story frame, owned by J. E. Haseltine, unoccupied; cause, incendiary; loss nominal.

Tuesday, 21st, 3:30 a. m. East Portland.

Fourth street, between K and L. One one-story frame, owned by C. Solus and occupied by G. Israel & Co. as a notion store; cause, lamp explosion; loss, \$2771; insurance, \$4375.

Thursday, 21st, 9:05 p. m. Box 52.

No. 251 Fifth street. One one-story frame, owned by I. Wallon, and occupied by Mrs. Peak as a residence; cause, lamp explosion; loss, \$15; no insurance.

Sunday, 24th, 10:05 a. m. Box 14.

East side 2d, between Oak and Pine. One three-story frame, owned by John E. Wolf, and occupied by Chinese as store, restaurant and lodgings; cause, defective ventilation over range; loss, \$291.50; insurance, \$16,837.50.

### MAY.

Sunday, 1st, 11:15 p. m. Box 14.

No. 69 First street. One one-story frame, owned by B. F. Harrington, and occupied by A. Theodor as a fruit and cigar store; cause, explosion gasoline stove; loss, \$690; insurance, \$800.

Monday, 2d, 1:05 p. m. Box 54.

Southeast corner 3d and Ash. One tent owned by Chas. Bröbecker, and occupied as a photograph gallery; cause, sparks from chimney; loss, \$305; no insurance.

Monday, 2d, 10:15 p. m. Box 14.

No. 8 Oak street. One two-story frame, owned by G. J. Ainsworth, and occupied by Jno. E. Lewiston as a dwelling; cause, lamp explosion; loss, \$499; insurance \$3500.

Wednesday, 4th, 4.30 p. m. East Portland.

Twelfth and East Morrison. One one-story frame, owned by S. E. Josephi, and occupied as a stable; cause, sparks from motor; no loss.

Wednesday, 4th, 1 a. m. East Portland.

Twelfth and East Morrison. Burning rubbish, no loss.

Thursday, 5th, 2 a. m. Box 26.

Front street, between Cedar and William. One sawmill, owned by Nicoli & Co., and occupied as a sawmill by owners; loss, \$20,000; no insurance.

Thursday, 5th, 3 a. m. Box 45.

False alarm.

Thursday, 5th, 10 p. m. East Portland.

First and East Morrison. One one-story frame, owned by R. Maple, and occupied by G. W. Botsford as a fruit stand; cause, unknown; loss \$32; insurance, \$150.

Thursday, 5th, 5:20 p. m. Still.

No. 88 Salmon street. One two-story frame, owned and occupied by H. B. Borthwick as a residence; cause unknown; no loss.

Thursday, 5th, 6:30 p. m. Box 25.

Northrup, corner 14th street. One one-story frame, owned and occupied by Portland Iron Works; cause, sparks from furnace; no loss.

Monday, 9th, 6:30 p. m. East Portland.

East Water and P streets. One one-story frame, owned and occupied by Portland Ventilated Barrel Co. as a barrel factory; cause, sparks from smoke stack; no loss.

Thursday, 12th, 12:50 p. m. Box 53.

No. 409 Morrison street. One two-story frame, owned by Lindsay and occupied by W. E. Bennett as a dwelling; cause, sparks from chimney; loss, \$5; insurance \$2000.

Monday, 16th, 12:25 p. m. Box 57.

No. 542 Taylor street. One one-story frame, owned by Wm. Winters, and occupied by Mrs. Rutherford as a dwelling; cause, burning flue; no loss.

Friday, 20th, 1 a. m. Box 26.

Fifteenth and Thurman street. One one-story frame, owned by Mrs. Mary Roelfs, occupied by H. F. Donahue, barn; cause, tramps, carelessness; loss, \$600; no insurance.

Friday, 20th, 1:30 a. m. Box 61.

No. 25 Burnside street. One one-story brick, owned by W. Shea, occupied by H. Brown as a saloon, and Brown & McCahe as offices; cause, lack of protection under stove; no loss; insurance, \$500.

Saturday, 21st, 10:20 a. m. Still.

Northwest corner 2d and Morrison. One two-story brick; no loss.

Saturday, 21st, 11:50 a. m. Box 26.

Foot of Vaughn street. One scow owned by Peter Vienna, and occupied by A. Morse as residence; cause, over heated stove-pipe; loss, \$250; no insurance.

Wednesday, 25th, 7:40 p. m. Box 6.

N. E. corner Mill and 2d streets. One two-story frame, owned by S. G. Reed, occupied by S. S. Samuels as a dwelling; cause, sparks from chimney; no loss.

Wednesday, 25th, 8:20 p. m. Still.

No. 27½ Morrison street. One three-story brick, owned by

Mr. Plummer, occupied by Mr. J. Summerfield as a dwelling; cause, lamp explosion; loss, \$50; no insurance.

Thursday, 26th, 8:50 p. m. Box 17.

Sixth street, between Davis and Everett. One one-story iron, owned by Parke & Lacy Manfg Co., and occupied as a foundry; cause, sparks from core oven; loss, \$252.28; insurance \$15,300.

Sunday, 29th, 8:30 a. m. Still.

Sixteenth, between Washington and Alder. One one-story frame, owned by S. Fleischner, and occupied as a residence; cause, sparks from chimney; no loss.

Sunday, 29th, 12:30 p. m. Still.

Washington, between 2d and 3d streets. One one-and-half-story frame, owned by Henry Failing, occupied by sundry persons as ticket office; cause, sparks from chimney; no loss.

Monday, 30th, 3 p. m. Still.

No. 124 4th street. One one-story brick, owned by S. Blumauer, occupied as residence; cause, foul ventilation over range; no loss.

Tuesday, 31st, 1:40 a. m. Still.

No. 10 Jefferson street. One two-story frame, owned by Percy Barker, occupied by Chinese as a Laundry; cause; sparks from chimney; no loss.

## JUNE.

Tuesday, 7th, 10:40 p. m. Box 31.

No. 642 First street. One one-story frame, owned by Wm.

Fleidner, and occupied by the Portland Butchering Co. as a butcher shop; cause, incendiary; loss, \$91; insurance \$950.

Tuesday, 14th, 10:40 a. m. Box 45.

No. 84 Park street. One one-story frame, owned by Labbe Bros., and occupied by J. N. Woodward as a dwelling; cause, children playing with matches; no loss.

Tuesday, 14th, 10:45 a. m. Still.

No. 566 Overton street. One one-story frame, owned and occupied by Mrs. Hickey as a dwelling; cause, defective flue; loss, \$400; insurance, \$100.

Tuesday, 14th, 12:45 p. m. East Portland.

East Taylor and Water. One one-story frame, owned by Theo. Nicolai, and occupied by Jas. Rankin as a dwelling; cause, sparks from mill; loss nominal.

Tuesday, 16th, 4:15 p. m. Still.

Yamhill, between 1st and 2d streets. One two-story brick, occupied as a restaurant; cause, defective range; no loss.

Friday, 17th, 3:40 a. m. Still.

No. 308½ Front street. One three-story brick, owned by W. Spaulding, and occupied by Mrs. Cook as lodging house; cause, carelessness with matches; loss, \$70; insurance, \$1000.

Friday, 17th, 9:05 p. m. Box 16.

Everett street, between 3d and 4th. One three-story frame,



owned by C. Cardinell, and occupied by Mrs. Thomas and McGinnis as a lodging house; cause, up-set coal oil stove; no loss.

Saturday, 18th, 10 a. m. Still.

Davis street, between 1st and 2d. One two-story frame, owned by S. G. Reed, and occupied by Mrs Lafferty as a lodging house; cause, sparks from chimney; no loss.

Saturday, 18th, 11:05 p. m. Box 37.

Sherman street between 5th and 6th. One two-story frame, owned by J. Greninger, dwelling, unoccupied; cause, careless smoking; loss, \$500; no insurance.

Monday, 20th, 4:30 p. m. East Portland.

East Market and V streets. One one-story frame, owned and occupied by Multnomah Stave and Barrel Co., as a stave factory; cause, sparks from stack; loss, \$295; insurance, \$1500.

Wednesday, 22d, 1:10 a. m. Telephone.

Twenty-fifth and Vaughn streets. One one-story frame, and occupied by John Campbell as a barn; cause, unknown; loss, \$100; no insurance.

Wednesday, 22d, 10 a. m. Still.

Thirteenth and Hoyt streets. One two story frame, owned and occupied by J. A. Martin, as a dwelling; cause, burning flue; no loss.

Thursday, 23d, 12:45 p. m. Still.

No. 392 20th street. One one-story frame owned and

occupied by B. Saup, as a dwelling; cause; sparks from chimney; loss, nominal.

Thursday, 23d, 9:05 p. m. Box 16.

No. 89 and 91 North 1st street. One two-story frame, owned by Sandis & Co., and occupied by Mary E. Baker as lodging house and store; cause, collapse of building; loss, \$5500; insurance, \$4000.

Thursday, 23d, 9:05 p. m. Box 16.

No. 93 North 1st street. One one-story frame, owned by R. F. Harrington, and occupied by P. Hellerin as a saloon; cause, collapse of building and consequent fire; loss, \$250; insurance, \$500.

Friday, 24th, 10:15 a. m. Box 59.

No. 412 Park street. One one-story frame, owned by Krischroff & Hagerty, and occupied by G. Drake, as a dwelling; cause, defective flue; no loss.

Friday, 24th, 5 p. m. Box 23.

No. 91 Seventh street. One three-story frame, owned by Fechheimer estate, and occupied by Mrs. Berry as a dwelling; cause, explosion of alcohol stove; loss, \$196.65; insurance \$6000.

Friday, 24th, 2 a. m. Still.

McAdam road. One one-story and one two-story frame, owned by Jas. Terwilliger, and occupied as a barn; cause, fired by tramps; loss, \$906; insurance \$1000.

Sunday, 26th, 1:15 p. m. East Portland.

Crosby street, McMillen's addition. One one-story frame,

owned and occupied by E. E. Squires as a storehouse and office; cause, unknown; loss, \$3350; insurance, \$1100.

Monday, 22d, 3:45 a. m. Box 51.

No. 193, 193½ and 195 3d street. Three one-story frames, owned by Jacob Bros., and occupied by Anderson & Nelson and others, as saloon, store etc.; cause, careless smoking; loss, \$1050; insurance, \$600.

Monday, 27th, 11:30 p. m. Albina.

Knott street, between Mississippi avenue and Mitchell street. One one-story frame, owned by O. A. Mickelson, vacant dwelling; cause, unknown; loss, \$300; insurance, \$500.

Tuesday, 28th, 4 p. m. Still.

S. E. corner 6th and Alder. One one-story frame, owned by W. O. Allen, and occupied by Frank Dittman as a cigar factory; cause, fire crackers; loss, nominal.

Tuesday, 28th, 8:30 p. m. Still.

Corner 17th and Elizabeth street. One two-story frame, owned by W. S. Dillon, and occupied as a dwelling; cause, defective flue; loss, \$1000; insurance, \$1000.

## JULY.

Saturday, 2d, 12:30 a. m. Box 25.

False alarm.

Sunday, 3d, 3:15 p. m. Box 35.

No. 515 Clay street. One two-story frame, owned and occupied by Mr. Permoser as a hotel; cause, sparks from chimney; loss, nominal.

Sunday, 3d, 11:50 p. m. Still.

Third street near Yamhill. One one-story frame, owned by Henry Tarbey, occupied as a store; cause, fire crackers; no loss.

Monday, 4th, 4:10 p. m. Still.

No. 306 Main street. One two-story frame, owned and occupied by E. J. Finck as a dwelling; cause, fire works; loss, \$20; insurance, \$3645.

Monday, 4th, 5:40 p. m. Box 26.

Seventeenth street. between S and T. One one-story frame, owned by Mrs. Sloane, and occupied by Miss Irving as a dwelling; cause, fire crackers; no loss.

Monday, 4th, 9:30 p. m. Still.

S. E. corner 4th and Yamhill. One two-story frame, owned by R. C. Dement, occupied as a store and lodgings; cause, fire crackers; no loss.

Monday, 4th, 10:45 p. m. Box 51.

249 Salmon street. One one-story frame, owned G. by Richardson and occupied by Japanese as a dwelling; cause, defective flue; loss, \$50; no insurance.

Monday, 4th, 10:05 p. m. Box 17.

Northeast corner 6th and Couch streets. One one-story frame,

owned by Mrs. J. Bristow, and occupied by Mrs. C. Webster as a dwelling; cause, unknown; loss, \$123; insurance, \$3500.

Tuesday, 5th, 12:45 a. m. Telephone.

Corner 6th and G streets. One one-story frame, owned by S. M. Barr, and occupied by C. C. Scott as a stable; cause, fire works; loss nominal.

Tuesday, 5th, 6:30 p. m. Still.

Block 84; cause, burning rubbish; no loss.

Thursday, 7th, 12:45 p. m. Box 38.

Corner Front and Market. One two-story frame, owned by Lewis Love, and occupied by him as a dwelling; cause, sparks from chimney; loss, \$20; insurance, \$3000.

Thursday, 7th, 2:05 p. m. Still.

Corner 3d and Morrison streets. One two-story frame, owned by Henry Failing, and occupied by A. Le Moir as a cigar store; cause, sparks from chimney; no loss.

Thursday, 7th, 2:30 p. m. Still.

No. 269 First street. One two-story brick, owned by H. Trenkham, and occupied by H. E. Howes as a restaurant; cause, cigar smoking; loss, \$30; insurance, \$5000.

Thursday 7th, 2:30 p. m. East Portland.

Union avenue, between East Stark and Oak. Wooden frame, owned by Jas. Burkhard, occupied by Agnes Thobodean as a woodshed; cause, sparks from steam laundry; no loss.

Friday, 8th, 2:20 p. m. Still.

Third street, near Morrison. One one-story frame, owned by H. Failing, occupied A. Le Moir as a liquor store; cause, sparks from chimney; no loss.

Saturday, 9th, 2:35 p. m. Box 16.

F street, between 1st and 2d. Two one-story frames, owned by B. F. Harrington, occupied by Pat Halloran as a saloon; cause, unknown; loss, \$1650; insurance, \$500.

Saturday, 9th, 4 p. m. Box 17.

S. E. corner 6th and Davis. One two-story and one one-story frame, owned by Catlin & Gray, occupied by Povey Bros. and others as a glass factory, etc.; cause, boiling varnish; loss, \$1678; insurance, \$500.

Monday, 11th, 2 a. m. Box 13.

Corner 7th and Washington. One three-story frame, owned by Steinbach & Willis, occupied by Richet, Miller & Co. and K. Oatzen as a grocery and lodging house; cause, supposed incendiary; loss, \$8054; insurance, \$11,500.

Monday, 11th, 2 a. m. Box 13.

Washington street, between 6th and 7th. One one-story frame; owned by Mrs. Kelly, occupied by Jos. Schwander and others as a store, saloon, etc.; cause, from adjoining building; loss, \$12,600; insurance, \$8500.

Monday, 11th, 2 a. m. Box 13.

N. W. corner 6th and Stark. One three-story frame, owned by Mrs. J. M. Gearin, occupied by A. B. Colby and Watt &

Monteith as a bottling works and saloon and lodgings; cause, from adjoining building; loss, \$10,600; insurance, \$9000.

Monday, 11th, 2 a. m. Box 13.

No. 111 6th street. One one-story frame, owned by C. Bainbridge, occupied by Sheehy Bros. and others as a paint shop; cause, from adjoining building; loss, \$2450; insurance, \$517.

Monday, 11th, 2 a. m. Box 13.

S. W. corner 6th and Washington. One three-story brick, owned by Hibernian Association, occupied as a bank; cause, from adjoining building; loss, \$450; insurance, \$15,000.

Monday, 11th, 2 a. m. Box 13.

No. 109 6th street. One one-story and one two-story frame, owned by C. Bainbridge, occupied by F. A. Fisher and Mrs. Fanshau as a residence and lodgings; cause, from adjoining building; loss, \$17,250; insurance, \$11,500.

Monday, 11th, 2 a. m. Box 13.

N. W. corner 6th and Stark. One-story frame, owned by S. Wolf, occupied by Blanch Hamilton as a lodging house; cause, from adjoining building; loss, \$45; insurance, \$1000.

Monday, 11th, 2 a. m. Box 13.

S. W. corner 7th and Washington. One-story frame, owned by H. McGinn, occupied as stores and offices; loss, \$135; insurance, \$2000.

Monday, 11th, 11:15 a. m. Still.

Corner 7th and Stark. One-story frame, owned by Mrs. J.

M. Gearin, occupied by M. Dougherty as a stable; cause, incendiary; no loss.

Thursday, 14th, 2:15 p. m. Box 6.

275 and 273½ 1st, 225 and 229 Jefferson street. One-story frame, owned by M. F. Mulkey estate, occupied by C. B. Farleman and others as a cigar store, etc.; cause, explosion Gasoline stove; loss, \$797; insurance, \$2000.

Thursday, 14th, 2:30 p. m. Box 48.

S. W. corner 12th and Lovejoy. One three-story brick, owned by N. W. Smith, occupied by Zan Brothers as a broom factory; cause, smoking; loss, \$30,323.56; insurance, \$37,500.

Sunday, 17th, 6:05 a. m. Still.

No. 190 Front street. One two-story frame, owned by J. Fleischner, occupied by H. Wolf as a residence; cause carelessness; no loss.

Monday, 18th, 4 a. m. Still.

No. 190 Fourth street. One two-story frame owned by J. Fleischner, occupied by H. Wolf as a residence and lodgings; cause, incendiary; loss, \$140; insurance, \$2000.

Tuesday, 19th, 11:10 p. m. Box 17.

No. 63 North 3d street. One-story frame, owned by C. Nelson, occupied as a barber shop; cause, explosion gasoline stove; loss, \$80; insurance, \$100.

Wednesday, 20th, 6 a. m. Still.

No. 270½ Morrison street. One three-story brick, owned by

Mann & Ray, occupied by Miss Wyatt as a lodging house; cause, explosion of gasoline stove; no loss.

Thursday, 21st, 5 p. m. Still.

No. 217 Columbia street. One two-story frame, owned by Mrs. Wild occupied by J. S. Schilt as a residence; cause upset-ting coal oil; loss, \$55. insurance, \$1900.

Sunday, 24th, 10:10 a. m. Box 38.

No. 323 Front street. One two-story frame, owned by P. G. Baker, occupied by Sing Wo as a laundry; cause, explosion coal oil lamp; loss, \$225; insurance, \$500.

Friday, 29th, 4:30 a. m. Box 54.

No. 248 Burnside street. Two-story frame, owned by P. Smith, occupied by T. W. Lindsey as a restaurant and baker shop; cause, explosion coal oil lamp; loss, \$30; insurance \$250.

Saturday, 30th, 8:40 p. m. Box 23.

West Park, between B and Stark streets. One-story frame, owned by Mrs. Clarno, occupied by Miss Sherman as a dwelling; cause, lamp explosion; loss, \$430; insurance, \$1300.

Sunday, 31st, 5:10 p. m. Box 45.

Fifth street, between Hoyt and Irving. Two-story frame, owned by C. H. Dodd, occupied by S. Marx as a restaurant and lodging house; cause, defective flue; loss, \$3609; insurance, \$2900.

## AUGUST.

Monday, 1st, 11:10 a. m. Box 36.

No. 349 13th street. One-story frame, owned by Jacob Sittel, and occupied as a residence; cause, sparks from chimney; no loss.

Monday, 1st, 8:15 p. m. Box 15.

Corner Front and Pine streets. One four-story building, owned by Thompson & Dolph, and occupied by Whittier, Fuller & Co., Wadhams & Co. and Frank Bros. as stores; cause, sparks from chimney; loss, \$193,990; insurance, \$257,000.

Tuesday, 2d, 2:35 a. m. Box 6.

No. 307 1st street. One two-story frame, owned by Milton York, and occupied as a cigar and fruit stand; cause, supposed incendiary; loss, \$708; insurance, \$1160.

Tuesday, 2d, 2:35 a. m. Box 6.

No. 309 1st street. One two-story frame, owned by Milton York, and occupied by R. Feldman as a grocery store; cause, supposed incendiary; loss, \$2700; insurance; \$3500.

Wednesday, 3d, 4 a. m. Telephone.

Corner Front and Pine streets. One four-story building, owned by Thompson & Dolph, occupied by Whittier, Fuller & Co. as a store; cause, burning debris; no loss.

Thursday, 4th, 9 p. m. Telephone.

Corner Front and Pine streets. One four-story building,

owned by Thompson & Dolph, occupied by Wadhams & Co. as a store; cause, burning rubbish. No loss.

Friday, 5th, 3 a. m. Box 26.

North 1st street, between Johnson and Cedar. One-story frame, owned by Wm. Sherlock, not occupied; cause incendiary; loss, \$2000; no insurance.

Tuesday, 9th, 3:20 a. m. Box 26.

North 1st street, between Johnson and Cedar. One-story frame, owned by Wm. Sherlock, not occupied; cause, incendiary; loss, \$150; no insurance.

Thursday, 11th, 1:25 a. m. Bell.

Corner East 16th and Yamhill. Two one-story frames, owned and occupied by Danker & Simmons as a stable; cause, careless smoking; loss, \$1050; insurance, \$300.

Tuesday, 16th, 4:45 p. m. Box 73.

1054 Macadam road. One story frame, owned and occupied by J. B. Cole as a stable; cause, sparks from locomotive; loss, \$225; insurance, \$200.

Wednesday, 17th, 1 a. m. Box 25.

Nineteenth street, between N and O. Bridge owned by the city and occupied as a street; cause, burning rubbish; no loss.

Wednesday, 17th, 10 a. m. Still.

Nineteenth, between N and O streets. Bridge owned by the city, and occupied as a street; cause, burning rubbish; no loss.

Wednesday, 17th, 1:30 p. m. Bell.

Corner Bismarck and 14th streets. Barn owned by S. P. R. Co., occupied by Captain Hair; cause, suppressed incendiary; loss, \$420; no insurance.

Wednesday, 17th, 10:30 p. m. Bell.

Piedmont. One story frame, owned by J. F. Going, not occupied; cause, incendiary; loss, \$1050; insurance; \$750.

Wednesday, 17th, 10:30 p. m. Bell.

Piedmont. Two one-story frames, owned by Anderson & Waltman, dwellings, not occupied; loss, \$600; no insurance.

Thursday, 18th, 10:30 p. m. Bell.

Woodlawn. One-story frame, owned by W. L. Farrell, occupied by W. W. Sharp as a dwelling; cause, from adjoining building; loss, \$950, insurance, \$500.

Thursday, 18th, 10:30 p. m. Bell.

Woodlawn. One-story frame, owned by S. Gravel, occupied by W. W. Sharp as a dwelling; cause, defective flue; loss, \$1550; no insurance.

Friday, 19th, 11:15 a. m. Still.

Northwest corner 3d and Washington. One two-story frame, owned by W. S. Ladd, occupied by S. C. Bann as a billiard hall; cause, sparks from chimney; no loss.

Friday, 19th, 8:10 p. m. Still.

No. 172 Front street. One two-story frame, owned by Turner

Association, and occupied as a gymnasium; cause, carelessness; no loss.

Friday, 19th, 10:50 a. m. Telephone.

Milwaukee road. One-story frame, owned by Wm. Vessely, and occupied as a barn; cause, accidental; loss, \$225; no insurance.

Monday, 22d, 5:45 p. m. Box 26.

Corner 14th and Thurman streets. One two-story frame, owned by Turn Verien Association; cause, burning sawdust, no loss.

Monday, 22d, 5:15 p. m. Still.

No. 150 Third street. One-story brick, owned by S. Fleischer, occupied by M. Steffan as a tailor shop; cause, burning rags; no loss.

Tuesday, 23d, 5:05 p. m. Still.

No. 312 Clay street. One two-story frame, owned by H. Trenkman, occupied by Mrs. Hunsaker as a dwelling; cause, burning flue; no loss.

Wednesday, 24th, 10:30 p. m. Bell.

Corner East 3d and Division streets. One two-story frame owned by Kennedy & O'Neal, and occupied as a vinegar factory, cause unknown; loss, \$14,444; insurance, \$10,000.

Friday, 26th, 12:15 p. m. Bell.

Corner 8th and East Harrison. One-story frame, owned by C. Parrish, occupied by J. N. Jennings as a dwelling; cause, lamp explosion; loss, \$450; insurance, \$2000.

Friday, 26th, 7:15 p. m. Still.

False alarm.

Saturday, 27th, 4:45 p. m. Still.

East Harrison, between 7th and 8th. One-story frame, owned by M. Hamilton, occupied as a dwelling; cause, burning flue; no loss.

Saturday, 27th, 8:30 p. m. Box 29.

Glisan street, between 21st and 22d. One two-story frame, owned by T. A. Thompson, occupied by M. Krouse as a dwelling; cause, upsetting coal oil lamp; loss, \$129; insurance, \$4000.

Monday, 29th, 11:15 p. m. Box 16.

Third street, between Davis and E. One two-story frame, owned by J. C. Ainsworth, occupied by A. B. Buger as a second hand store; cause, lamp explosion; loss, \$10; insurance, \$1000.

Monday 29th, 4:25 p. m. Bell.

Mississippi and Massachusetts avenues. One two-story frame, owned by Jas. Mahone, occupied as a barn; cause unknown; loss, \$50; no insurance.

Tuesday, 30th, 3:20 p. m. Bell.

East Washington, between Water and Front. One-story frame, owned by Van B. DeLashmutt, occupied by F. Crantz as a saloon; cause, sparks from chimney; no loss.

Wednesday, 31st, 10 a. m. Telephone.

No. 373 Blackstone street. One two-story frame, owned by A. M. Hathaway, occupied as a dwelling; cause, defective flue; loss, \$211.25; insurance, \$1850.

Association, and occupied as a gymnasium; cause, **carelessness**; no loss.

Friday, 19th, 10:50 a. m. Telephone.

Milwaukie road. One-story frame, owned by Wm. Vessely, and occupied as a barn; cause, accidental; loss, \$225; **no insurance**.

Monday, 22d, 5:45 p. m. Box 26.

Corner 14th and Thurman streets. One two-story frame, owned by Turn Verien Association; cause, burning **sawdust**, no loss.

Monday, 22d, 5:15 p. m. Still.

No. 150 Third street. One-story brick, owned by S. Fleischer, occupied by M. Steffan as a tailor shop; cause, **burning rags**; no loss.

Tuesday, 23d, 5:05 p. m. Still.

No. 312 Clay street. One two-story frame, owned by H. Trenkman, occupied by Mrs. Hunsaker as a dwelling; cause, **burning flue**; no loss.

Wednesday, 24th, 10:30 p. m. Bell.

Corner East 3d and Division streets. One two-story frame owned by Kennedy & O'Neal, and occupied as a **vinegar factory**; cause unknown; loss, \$14,444; insurance, \$10,000.

Friday, 26th, 12:15 p. m. Bell.

Corner 8th and East Harrison. One-story frame, owned by C. Parrish, occupied by J. N. Jennings as a dwelling; cause, **lamp explosion**; loss, \$450; insurance, \$2000.

Friday, 26th, 7:15 p. m. Still.

False alarm.

Saturday, 27th, 4:45 p. m. Still.

East Harrison, between 7th and 8th. One-story frame, owned by M. Hamilton, occupied as a dwelling; cause, **burning flue**; no loss.

Saturday, 27th, 8:30 p. m. Box 29.

Glisan street, between 21st and 22d. One two-story frame, owned by T. A. Thompson, occupied by M. Krouse as a dwelling; cause, **upsetting coal oil lamp**; loss, \$129; insurance, \$4000.

Monday, 29th, 11:15 p. m. Box 16.

Third street, between Davis and E. One two-story frame, owned by J. C. Ainsworth, occupied by A. B. Buger as a second hand store; cause, **lamp explosion**; loss, \$10; insurance, \$1000.

Monday 29th, 4:25 p. m. Bell.

Mississippi and Massachusetts avenues. One two-story frame, owned by Jas. Mahone, occupied as a barn; cause unknown; loss, \$50; no insurance.

Tuesday, 30th, 3:20 p. m. Bell.

East Washington, between Water and Front. One-story frame, owned by Van B. DeLashmutt, occupied by F. Crantz as a saloon; cause, **sparks from chimney**; no loss.

Wednesday, 31st, 10 a. m. Telephone.

No. 373 Blackstone street. One two-story frame, owned by A. M. Hathaway, occupied as a dwelling; cause, **defective flue**; loss, \$211.25; insurance, \$1850.



Wednesday, 31st, 10 a. m. Box 32.

No. 454 Clay street. One two-story frame, owned and occupied by Geo. L. Hibbard as a dwelling; cause, carelessness; loss, \$187; insurance, \$2000.

### SEPTEMBER.

Friday, 2d, 2:40 a. m. Bell.

Fulton Park. Two-story frame, owned by E. J. Harris, occupied as a dwelling; cause, defective flue; loss, \$2300; insurance, \$3100.

Sunday, 4th, 2:05 a. m. Box 62.

Fifth street, between Hoyt and Irving. Three two-story and four one-story frames, owned by C. H. Dodd and Weidler & Co., and occupied by various persons; cause, unknown; loss, \$15,345; insurance, \$16,125.

Sunday, 4th, 3 a. m. Box 13.

Southwest corner 5th and Stark. Two-story frame, owned by M. Brady, occupied by S. Olds & Co. as a saloon and lodgings; cause, incendiary; loss, \$1420; insurance, \$3000.

Sunday, 4th, 5 a. m. Still.

Third and E streets. Three-story frame, owned by C. Cardinell, occupied by Mrs. Bidwell as a lodging house; cause, incendiary; loss, \$37; insurance, \$3750.

Monday, 5th, 4:10 a. m. Box 61.

B street, between 2d and 3d. Two-story frame, occupied by various persons; cause, defective range; loss \$2620; insurance, \$3240.

Tuesday, 6th, 9:30 p. m. Bell.

Corner Stanton and Williams avenue. One-story frame, owned by Wm. Hansen, occupied as a dwelling; cause, unknown; loss, \$721; insurance \$1500.

Wednesday, 7th, 2:30 p. m. Bell.

East Washington and Water. Two-story frame, owned by W. S. Ladd, occupied by B. H. Bowman as a box factory; cause, sparks from smoke stack; no loss.

Wednesday, 7th, 6 p. m. Bell.

East Main and 16th. Two-story frame, owned by Rosetta Morrow, occupied as a barn; cause unknown: loss, \$285; insurance, \$200.

Wednesday, 7th, 10:15 p. m. Box 17.

Davis street, between 5th and 6th. False alarm.

Wednesday, 7th, 1:20 p. m. Box 61.

Burnside and North 2d. Three two-story, and two one-story frames; owned by J. F. Shea, occupied by various persons; cause, careless use of coal oil; loss, \$3130. insurance, \$2700.

Tuesday, 13th, 5:30 a. m. Box 26.

No. 19, between Wilson and X. One story frame, owned by Mrs. Eaton, vacant; cause, incendiary; loss, \$450; no insurance.

Tuesday, 20th, 6:30 a. m. Still.

Front and Davis. Two-story frame, owned by George H. Flanders, occupied by Lewis & Co. as a warehouse; cause, sparks from steamboat; no loss.

Sunday, 25th, 5:25 a. m. Box 54.

Northeast corner 4th and Burnside. One-story frame, owned by Mrs. Marshall, occupied by Mrs. Warren as a boarding and lodging house; cause unknown; loss \$75; insurance, \$2800.

Sunday, 25th, 6:15 p. m. Still.

No. 223 North 20th. One-story frame, owned by H. Thurman, occupied by J. D. Ferdelan as a saloon; cause, cigar stub; no loss.

Thursday, 29th, 2:10 a. m. Box 16.

Southwest corner 2d and F. Two-story frame, owned by M. Seller, occupied by Chas Dillon and Maloney & Crawford as a saloon and lodging house; cause, supposed incendiary; loss, \$1275; insurance, \$1000.

Friday, 30th, 11:45 a. m. Still.

No. 231 Twelfth street. One-story frame, owned by W. R. Sewell, occupied by Mrs. Comstock as a residence; cause, sparks from chimney; loss, \$21; insurance, \$1500.

Friday, 30th, 7:25 p. m. Box 28.

Northwest corner 11th and Everett. Two-story frame, owned by W. W. Spaulding, occupied by Mr. Myers as a grocery and dwelling; cause, carelessness; loss, \$1433.50; insurance, \$2400.

## OCTOBER.

Sunday, 2d, 1:30 a. m. Box 45.

Irving and 11th. Two-story frame, owned by John Kiernan, occupied by Hoffman & Adams as a saloon; cause, unknown; loss, \$575; insurance, \$500.

Monday, 3d, 12:15 a. m. Box 15.

Northeast corner 1st and Pine. Four-story brick, owned by Jacob Kamm, occupied by Chas. Hegele & Co., and others as a store, bank, etc.; cause unknown; loss, \$24,945; insurance, \$101,700.

Monday, 3d. Still.

Fulton Park. Two-story frame, owned by Sarah J. Kitchen, and occupied as a dwelling; cause, defective flue; loss, \$2050; insurance, \$1500.

Tuesday, 4th, 8:20 p. m. Still.

No. 129 Fourth street. Two-story frame, owned by John Dounesberg, and occupied by him as a plumbing shop; cause, burning bellows; loss, \$25; insurance, \$1500.

Tuesday, 4th, 4:30 a. m. Box 17.

No. 28 North 5th street. Two-story frame, owned by Dr. Wilson estate, occupied by Mrs. J. Conroy as a dwelling; cause, carelessness; loss \$61.50; insurance \$3500.

Friday, 7th, 8:30 p. m. Box 25.

No. 487 Pettygrove street. Two-story frame, owned by Jerry Driscoll, occupied as a dwelling; cause, upsetting coal oil lamp; loss, \$37; insurance \$1000.

Monday, 10th, 6:50 p. m. Box 35.

No. 508 Clay street. Two-story frame owned by S. Wolf, occupied by Mrs. Alexander as a dwelling; cause, upsetting coal oil lamp; loss, \$207.50; insurance, \$3000.

Tuesday, 11th, 7:05 p. m. Box 39.

False alarm.

Tuesday, 11th, 6:20 p. m. Box 21.

No. 144 Sixth street. Two-story frame, owned by Wm. O. Allen, occupied by Mrs. Koch and Hamilton as residence and lodgings; cause, incendiary; loss, \$617.60; insurance, \$1000.

Wednesday, 12th, 4:45 p. m. Still.

Eleventh and Stephens. Two-story frame, owned and occupied by J. J. Murphy as a dwelling, cause, defective flue; loss, \$5; insurance, \$1100.

Friday, 14th, 10 a. m. Box 57.

Corner Taylor and Lownsdale. Two-story frame, owned and occupied by Mrs. Rosenblatt as a dwelling; cause, burning flue; no loss.

Saturday, 15th, 10:06 a. m. Box 35.

No. 330 Seventeenth street. One-story building, owned and occupied by Wm. Lemhardt as a dwelling; cause, defective flue; loss, \$50; insurance \$900.

Saturday, 15th, 8:15 p. m. Still.

No. 9 North 9th street. Two-story frame, owned and occupied by Wm. Donovan as a dwelling; cause, carelessness; loss, \$35.50; insurance, \$800.

Monday, 17th, 11 a. m. Still.

No. 320 Montgomery street. Two-story frame, owned and occupied by C. H. Prescott as a dwelling; cause, defective flue; no loss.

Tuesday, 18th, 2:15 a. m. Bell, East Portland.

Brazeo street. One-story frame, owned and occupied by Wm. Sent as a dwelling; cause unknown; loss, \$800; insurance, \$1200.

Tuesday, 18th, 6:30 a. m. Box 37.

No. 560 Sixth street. Two-story frame, owned by J. Robinson, and occupied by S. Sweet as a dwelling; cause, upsetting coal oil lamp; loss, \$230; insurance, \$4100.

Saturday, 22d, 9:15 p. m. Still.

Corner Shafer and Mississippi avenue. Two-story frame, owned by J. Robinson, and occupied by J. W. Raycroft as a dwelling; cause, upsetting coal oil lamp; no loss.

Monday, 24th, 7:20 p. m. Still.

No. 148 Fourth street. Three-story brick, owned by S. Blu-mauer, occupied by the Musical Union as a hall; cause unknown; loss, \$280; insurance, \$22,000.

Monday, 24th, 8:15 a. m. Still.

No. 143 North 14th street. One-story frame, owned by Thos. Kierney, occupied by John Grimer as a dwelling; cause, burning flue; no loss.

Tuesday, 25th, 9 a. m. Bell.

Fulton Park. Two-story frame, owned by Burgmeyer & Haas, occupied by Joseph Rhose as a saloon; cause, defective flue, loss, \$1115; insurance, \$3000.

Tuesday, 25th, 8:30 p. m. Box 61.

No. 25 North 3d street. One three story frame, owned by Mrs. Geo. Marshall, occupied by E. Cohen as a paint shop; cause, lamp explosion; loss, \$225; insurance, \$1000.

Wednesday, 26th, 10:30 a. m. Still.

No. 60 and 62 2d street. Three-story brick, owned by Wong Duck, occupied by Chinese as a lodging house and restaurant; cause, defective flue; loss, \$51; insurance, \$5000.

Thursday, 27th, 7:15 p. m. Bell.

Corner 7th and East Sherman. Two-story frame, owned and occupied by J. A. Davey as a dwelling; cause, burning flue; no loss.

Monday, 31st, 7 a. m. Box 31.

First street, between Sheridan and Williams. Two-story frame, owned and occupied by J. Terwilliger as a dwelling; cause, burning flue; no loss.

Monday, 31st, 10:30 p. m. Box 12.

No. 209 Morrison street. Three-story frame, owned by S. D. Smith, occupied by C. F. Yost as a barber shop; cause, carelessness; loss, \$511; insurance, \$675.

## NOVEMBER.

Wednesday, 2d, 6 p. m. Still.

474 Alder. One-story frame, owned by W. A. Scoggins, and

occupied by H. E. Harbaugh as a dwelling; cause, carelessness; loss, \$120; insurance, \$2000.

Monday, 7th, 9:05 p. m. Box 13.

Fourth and Washington. Three-story brick and frame, owned by Kunkel & Hock, and occupied by various parties as a saloon, millinery store and barber shop; cause, overheated stove; loss, \$3537.66; insurance, \$5100.

Monday, 7th, 1:50 a. m. Box 38.

Front street, between Mill and Montgomery. Two-story frame, owned and occupied by L. Setchton as a hotel; cause, upsetting coal oil lamp; loss \$45; insurance, \$1200.

Tuesday, 8th, 9 p. m. Box 13.

328 Washington street. Three-story brick, owned by T. M. Richardson, occupied as a lodging house; cause, burning flue; no loss.

Wednesday, 9th, 10:25 p. m. Box 17.

46 North 7th street. Two-story frame, owned by W. A. Wallace, and occupied by D. Humphrey as a dwelling; cause, sparks from stove; loss, \$61; insurance, \$3050.

Friday, 11th, 8:15 p. m. Box 15.

231 2d street. Two-story brick, owned by P. McEntee, and occupied by Wiles & Campbell as a restaurant; cause, lamp explosion; loss, \$62.50; insurance, \$10,000.

Saturday, 12th, 10:25 p. m. Box 39.

179 Grant street. One-story frame, owned by P. G. Baker, and occupied by E. Manserd as a dwelling; cause, overheated stove; loss, \$405; insurance, \$400.

Saturday, 12th, 9:50 p. m. Bell.

Foot East Water and East Oak. Lumber yard, owned by Duniway Bros.; cause, defective floor in boiler room; no loss.

Tuesday, 15th, 9:50 p. m. Bell.

Multnomah addition. False alarm.

Tuesday, 15th 9 p. m. Still.

30 Caruthers street. One-story frame, owned by H. T. Hudson, and occupied by Samuel Lotan as a dwelling; cause, lamp explosion; loss, \$80; insurance, \$3200.

Tuesday, 15th, 8:40 p. m. Bell.

Fulton. Two-story frame, owned by Ira Sturgis, and occupied by the India Packing Co. as a store; cause, defective flue; loss, \$5300; insurance, \$3900.

Sunday, 27th, 1:35 a. m. Box 31.

False alarm.

Sunday, 27th. Bell.

80 Russell street. One-story frame owned by May & Vesper, and occupied by M. Apach as a grocery; cause, boiling coal tar; loss, \$75; insurance, \$300.

Monday, 28th, 4 a. m. Still.

4th and Yamhill. Two-story frame, owned by R. M. Dement, and occupied by C. W. Nast as a saloon; cause, incendiary; loss, \$25; insurance, \$3600.

Monday, 28th, 8:30 p. m. Box 6.

Second and Clay. Two-story frame, owned by Mrs. Gates,

and occupied by Mrs. C. Norton as lodgings; cause, unknown; loss, \$350; insurance; \$2800.

Tuesday, 29th, 11:45 a. m. Still.

No. 272 Yamhill. Two-story frame, owned by R. M. Dement, occupied by E. Nicklin as lodgings; cause, defective flue; loss, \$50; insurance \$260.

Tuesday, 29th, 11:45 a. m. Still.

272 Yamhill. Two-story frame, owned by R. M. Dement, and occupied by Carrie Winans as a cigar store; cause, defective flue; loss, \$40; insurance, \$3200.

Tuesday, 29th, 12 p. m. Still.

365½ 1st. One-story frame, owned by J. Wilson and occupied by B. Hippolito as a fruit stand; cause, coals from stove; loss, \$15; insurance, \$400.

## DECEMBER.

Friday, 2d, 9:25 a. m. Box 53.

167 West Park. Two-story frame, owned by Mrs. Cohen, and occupied by Miss Snyder as a dwelling; cause, carelessness; loss, \$45; insurance, \$3000.

Monday, 5th, 4 p. m. Bell.

18th and East Morrison. Two-story frame, owned and occupied by Max Otto as a grocery and dwelling; cause, boiling paints; loss, \$25; insurance, \$1700.

Thursday, 8th, 6:45 p. m. Bell.

Union avenue and East Morrison. Two-story frame, owned by Paul Koch; cause, defective oven; loss, \$513; insurance, \$2000.

Thursday, 8th, 8:40 p. m. Bell.

East Oak and 3d. One-story frame, owned by Paul Hoch; cause, burning rubbish; no loss.

Saturday, 10th, 10:15 a. m. Still.

Fourth, between Market and Clay. Three-story frame, owned by P. Wilson, and occupied by Mrs. Baldwin as a dwelling; cause, sparks from flue; loss, \$15; no insurance.

Sunday, 11th, 10:40 a. m. Bell.

Water and East Market. One-story frame, occupied as a stove factory; cause, sparks from smoke stack; no loss.

Sunday, 11th, 4:20 p. m. Box 4.

Hall, between 1st and Front. Two-story frame, owned by Dr. Parker, occupied by Mrs. Rogoway as a dwelling; cause, lamp explosion; loss, \$350; insurance, \$500.

Tuesday, 13th, 9:25 a. m. Box 7.

West Park and Jefferson. Two-story frame, owned by Sam'l Holden, occupied by various parties as a dwelling and store; cause, burning flue; no loss.

Friday, 16th, 9:15 a. m. Telephone.

1st and Alder. Three-story brick owned by Geo. Green; cause, burning flue; no loss.

Sunday, 18th, 3:20 a. m. Still.

Corner Front and Oak. Two-story brick, owned by White & Fleischner estate, occupied by Howe Scale Co. as a store; cause, unknown; loss, \$1268.92; insurance, \$31,800.

Sunday, 18th, 11:20 a. m. Still.

Fourth, between Alder and Morrison. Three-story brick, owned by John Wilson, occupied by Blumauer & Frank Co. as a drug store; cause, defective furnace; no loss.

Monday, 19th, 2:26 a. m. Box 235.

East 5th, between D and E. One-story frame, owned by H. D. Winters, and occupied by G. Hillmer as a dwelling; cause, unknown; loss, \$175; insurance, \$500.

Wednesday, 21st, 7:30 p. m. Still.

304 2d street. One-story frame, owned by Geo. L Hibbard, occupied by M. D. Franklin as a dwelling; cause, upsetting coal oil lamp; loss, \$39.25; insurance, \$1000.

Wednesday, 21st, 8:30 p. m. Box 326.

Corner Fremont and Williams avenue. One-story frame, owned and occupied by W. V. Sautt as a dwelling; cause, defective flue; loss, \$750; insurance, \$875.

Thursday, 22d, 8:30 p. m. Box 12.

124 1st street. Two story frame, owned by M. C. Lyon, and occupied by various parties; cause; defective flue; loss, \$3200; insurance, \$4700.

Friday, 23d, 3:10 a. m. Still.

124 1st street. Two-story frame, owned by M. C. Lyon; no loss.

Friday, 23d, 7:25 p. m. Box 31.

Water, between Williams and Mead. One-story frame, owned by P. G. Baker, occupied by Mrs. A. Smith as a dwelling; cause, defective flue; no loss.

Monday, 26th, 5:30 p. m. Box 26.

S. E. corner 15th and S. Three-story frame, owned by Jas. Turk, and occupied by him as a hotel; cause, lamp explosion; loss, \$38; insurance, \$3500.

Monday, 26th, 8:05 p. m. Box 51.

First, between Yamhill and Taylor. Three-story brick, owned by the Davenport estate, occupied by Olds & Summers as a store; cause, upsetting coal oil lamp; loss, \$100; insurance, \$32,000.

Tuesday, 27th, 11:20 a. m. Bell.

Larabie and Benton streets. One-and-one-half-story frame, owned by Silas Jones, occupied by Mrs. Wagner as a dwelling; cause unknown; loss, \$260; insurance, \$2100.

Tuesday, 27th, 8:45 p. m. Telephone.

Union avenue and East Morrison. Two-story frame, owned by E. J. Bruce, occupied by East Side Furniture Co. as a store; cause unknown; loss, \$1800; insurance, \$4000.

Tuesday, 27th, 8:45 p. m. Telephone.

Union avenue and East Morrison. Two-story frame, owned by Mrs. Hawthorne, occupied by McGowan & Hall as a store; loss, \$21,000; insurance, \$12,000.

Tuesday, 27th, 8:45 p. m. Telephone.

Union avenue and East Morrison. Three-story frame, owned by W. H. Prouty, occupied by Mrs. Barker and others; loss, \$18,638; insurance, \$8650.

Friday, 30th, 10:30 p. m. Telephone.

Seventh, between Harrison and Lincoln. Two-story frame, owned by E. Dessing, occupied by W. Watson as a dwelling; cause, lamp explosion; loss, \$490; insurance, \$5250.

Saturday, 31st, 9:05 a. m. Still.

Northwest corner 4th and B streets. Two-story frame, owned by Mrs. Marshall, occupied by Mr. McClusky as a dwelling; cause, upsetting of chimney; loss, \$15; insurance \$2000.

EXPENDITURES ON ACCOUNT OF ALL COMPANIES DURING THE YEAR 1892.

LXXVIII

CHIEF ENGINEER'S REPORT.

For What Purpose.	Salaries.	HOUSE AND LOT.		APPARATUS.		HORSES.		
		Cost.	Rep'rs, fix- tures, furn.	Cost.	Repairs.	Cost.	Shoeing.	Vet. Surg.
Engine Co. No. 1 . . . . .	\$ 4,800 00	\$-----	\$ 126 43	\$-----	\$ 234 46	\$-----	\$ 76 00	\$ 8 50
Engine Co. No. 2 . . . . .	4,800 00	-----	136 36	-----	215 10	-----	89 00	-----
Engine Co. No. 3 . . . . .	4,800 00	-----	105 69	-----	52 05	-----	51 75	12 50
Engine Co. No. 4 . . . . .	4,800 00	-----	16 00	-----	473 99	-----	83 00	2 00
Engine Co. No. 5 . . . . .	4,800 00	-----	61 72	-----	71 20	-----	84 00	21 50
Engine Co. No. 6 . . . . .	4,800 00	-----	30 74	-----	26 85	-----	64 00	4 00
Engine Co. No. 7 . . . . .	4,800 00	-----	454 67	-----	43 71	-----	95 75	17 50
Engine Co. No. 8 . . . . .	4,800 00	-----	182 97	-----	69 30	-----	71 75	24 50
H. & L. Co. No. 1 . . . . .	3,720 00	-----	166 51	-----	227 21	-----	72 00	18 00
H. & L. Co. No. 2 . . . . .	3,720 00	-----	46 45	-----	87 40	-----	53 00	11 00
H. & L. Co. No. 3 . . . . .	3,720 00	-----	51 15	-----	149 00	-----	44 00	2 50
H. & L. Co. No. 4 . . . . .	2,040 00	6,128 10	275 10	3,000 00	58 68	450 00	35 50	9 00
H. & L. Co. No. 5 . . . . .	2,790 00	-----	204 93	3,000 00	10 40	450 00	27 75	5 00
Hose Co. No. 1 . . . . .	3,240 00	-----	71 85	-----	15 00	-----	59 50	-----
Hose Co. No. 2 . . . . .	3,240 00	-----	263 38	-----	47 85	-----	51 10	7 50
Hose Co. No. 3 . . . . .	3,240 00	-----	265 79	-----	35 25	-----	49 10	2 50
Hose Co. No. 4 . . . . .	3,233 33	-----	279 23	-----	63 10	-----	52 70	2 50
Officer's Teams and Supply Wagon.	840 00	-----	5 50	-----	325 54	175 00	107 00	11 00
Totals . . . . .	\$ 68,183 33	\$ 6,128 10	\$ 2,744 47	\$ 6,000 00	\$ 2,206 09	\$ 1,075 00	\$ 1,106 90	\$ 159 50

EXPENDITURES OF ACCOUNT OF ALL COMPANIES DURING THE YEAR 1892.—Continued.

CHIEF ENGINEER'S REPORT.

For What Purpose.	Harness and Repairs.	Horse Feed.	Fuel.	Lighting.	Small Stores.	Telephone	Insurance.	Inciden- tals.	Amounts.
Engine Co. No. 1 . . . . .	\$ 63 93	\$ 334 51	\$ 231 37	\$ 208 59	\$ 47 87	\$ 32 50	\$ 14 30	-----	\$ 6,178 46
Engine Co. No. 2 . . . . .	50 15	325 88	203 12	64 65	33 28	55 00	-----	\$ 16 00	5,988 54
Engine Co. No. 3 . . . . .	37 65	390 25	100 12	112 45	34 80	55 00	240 00	6 00	5,998 26
Engine Co. No. 4 . . . . .	28 55	291 99	162 37	79 55	42 82	27 50	53 60	14 00	6,075 37
Engine Co. No. 5 . . . . .	84 75	351 41	155 63	73 25	56 00	55 00	150 00	-----	5,964 46
Engine Co. No. 6 . . . . .	50 70	411 77	143 88	54 95	54 22	55 00	67 50	-----	5,763 61
Engine Co. No. 7 . . . . .	16 65	365 52	177 88	72 10	47 71	55 00	-----	2 25	6,148 74
Engine Co. No. 8 . . . . .	91 00	378 52	178 38	45 35	36 55	38 00	-----	38 25	5,954 57
H. & L. Co. No. 1 . . . . .	25 80	355 39	75 75	112 37	84 32	32 50	14 30	32 75	4,936 90
H. & L. Co. No. 2 . . . . .	72 80	206 95	50 25	68 45	33 81	27 50	53 60	-----	4,431 21
H. & L. Co. No. 3 . . . . .	65 35	293 89	78 00	103 00	45 35	55 00	90 00	-----	4,697 24
H. & L. Co. No. 4 . . . . .	218 05	93 37	18 00	48 55	19 52	-----	-----	3 00	12,396 87
H. & L. Co. No. 5 . . . . .	156 60	164 44	-----	28 70	25 86	-----	-----	4 50	6,868 18
Hose Co. No. 1 . . . . .	8 25	191 45	34 50	41 60	20 77	55 00	-----	385 25	4,123 17
Hose Co. No. 2 . . . . .	28 73	352 04	65 50	103 90	38 01	55 00	-----	-----	4,253 01
Hose Co. No. 3 . . . . .	159 45	226 29	53 00	24 75	32 10	53 20	-----	9 70	4,151 13
Hose Co. No. 4 . . . . .	176 65	285 07	76 25	51 10	38 50	-----	-----	34 75	4,293 18
Officer's Teams, etc . . . . .	155 00	347 67	-----	-----	108 85	-----	45 00	103 08	2,223 64
Totals . . . . .	\$ 1,490 06	\$ 5,366 41	\$ 1,804 00	\$ 1,293 31	\$ 800 34	\$ 651 20	\$ 728 30	\$ 649 53	\$ 100,446 54

LXXIX



## GENERAL EXPENDITURES, 1892.

Officers' salaries . . . . .	\$ 8,993 32
Hose and repairing . . . . .	7,354 57
Water . . . . .	8,645 50
Hydrants and repairing . . . . .	3,053 05
Cisterns and repairing. . . . .	200 54
Office expense. . . . .	483 42
Printing and advertising. . . . .	289 40
Telephone. . . . .	317 50
Incidentals . . . . .	1,627 30

## FIRE ALARM TELEGRAPH.

Salaries . . . . .	\$ 2,814 75
Supplies . . . . .	2,325 26
	<u>\$ 5,140 01</u>
Total. . . . .	\$ 36,104 61

## SUMMARY.

Company expenditures . . . . .	\$100,446 54
Auxiliary Company expenditures . . . . .	1,194 64
General expenditures . . . . .	<u>36,104 61</u>
Total expenditures for 1892 . . . . .	\$137,745 79

## SALARIES OF OFFICERS AND MEN.

One Chief Engineer. . . . .	\$ 2,400 00
One First Assistant Engineer . . . . .	1,800 00
One Second Assistant Engineer . . . . .	1,500 00
One Third Assistant Engineer . . . . .	600 00
One Relief Engineer . . . . .	1,200 00
Eight Engineers of Steamers . . . . .	9,600 00
Eight Drivers of Steamers . . . . .	7,200 00
Eight Drivers of Hose Tenders to Steamers . . . . .	6,720 00
Four Drivers of Hose Companies . . . . .	3,600 00
Five Drivers of Hook and Ladder Trucks . . . . .	4,500 00
Eight Foremen of Engine Companies . . . . .	2,880 00
Four Foremen of Hose Companies . . . . .	3,360 00
Five Foremen of Hook and Ladder Trucks . . . . .	4,200 00
Forty-eight Members at call of Engine Companies . . . . .	11,520 00
Twenty-four Members at call of Hose Companies. . . . .	5,760 00
Forty members at call of Hook & Ladder Companies . . . . .	9,600 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
Pay Clerks of Seventeen Companies . . . . .	<u>1,020 00</u>
One hundred and seventy members. . . . .	\$82,200 00

## CITY HYDRANTS.

## NORTH OF MORRISON STREET.

- |                                |                                |
|--------------------------------|--------------------------------|
| 1. North Front and Pettygrove. | 40. Thirteenth and Flanders.   |
| 2. North Front and Quimby.     | 41. Thirteenth and Kearney.    |
| 3. North Front and Raleigh.    | 42. Fourteenth and Alder.      |
| 4. North Front and Savier.     | 43. Fourteenth and Washington. |
| 5. North Front and Thurman.    | 44. Fourteenth and Davis.      |
| 6. Second and Davis.           | 45. Fourteenth and Johnson.    |
| 7. Third and Alder.            | 46. Fourteenth and Overton.    |
| 8. Third and Stark.            | 47. Fourteenth and Quimby.     |
| 9. Third and Pine.             | 48. Fourteenth and Savier.     |
| 10. Third and Ankeny.          | 49. Fifteenth and Flanders.    |
| 11. Third and Burnside.        | 50. Fifteenth and Thurman.     |
| 12. Third and Couch.           | 51. Sixteenth and Washington.  |
| 13. Third and Davis.           | 52. Sixteenth and Hoyt.        |
| 14. Third and Everett.         | 53. Sixteenth and Kearney.     |
| 15. Third and Flanders.        | 54. Sixteenth and Northrup.    |
| 16. Fourth and Pine.           | 55. Sixteenth and Pettygrove.  |
| 17. Fourth and Davis.          | 56. Sixteenth and Savier.      |
| 18. Fourth and Glisan.         | 57. Seventeenth and Davis.     |
| 19. Fifth and Ankeny.          | 58. Seventeenth and Flanders.  |
| 20. Fifth and Couch.           | 59. Seventeenth and Marshall.  |
| 21. Fifth and Hoyt.            | 60. Seventeenth and Upsur.     |
| 22. Sixth and Alder.           | 61. Eighteenth and Everett.    |
| 23. Sixth and Stark.           | 62. Eighteenth and Irving.     |
| 24. Sixth and Glisan.          | 63. Eighteenth and Kearney.    |
| 25. Seventh and Flanders.      | 64. Eighteenth and Overton.    |
| 26. Seventh and Hoyt.          | 65. Eighteenth and Quimby.     |
| 27. West Park and Washington.  | 66. Eighteenth and Savier.     |
| 28. West Park and Burnside.    | 67. Nineteenth and Burnside.   |
| 29. Park and Davis.            | 68. Nineteenth and Davis.      |
| 30. Park and Glisan.           | 69. Nineteenth and Flanders.   |
| 31. Eleventh and Stark.        | 70. Nineteenth and Hoyt.       |
| 32. Eleventh and Burnside.     | 71. Nineteenth and Johnson.    |
| 33. Eleventh and Everett.      | 72. Nineteenth and Kearney.    |
| 34. Eleventh and Flanders.     | 73. Nineteenth and Lovejoy.    |
| 35. Eleventh and Irving.       | 74. Nineteenth and Northrup.   |
| 36. Twelfth and Davis.         | 75. Nineteenth and Pettygrove. |
| 37. Twelfth and Glisan.        | 76. Nineteenth and Raleigh.    |
| 38. Twelfth and Lovejoy.       | 77. Nineteenth and Upsur.      |
| 39. Twelfth and Northrup.      | 78. Twentieth and Washington.  |

## CITY HYDRANTS—Continued.

## NORTH OF MORRISON STREET.

- |  |   |
|--|---|
| 79. Twentieth and Everett.             | 102. Twenty-second and Wilson.          |
| 80. Twentieth and Irving.              | 103. Twenty-second and York.            |
| 81. Twentieth and Kearney.             | 104. Twenty-second and Nicolai.         |
| 82. Twentieth and Marshall.            | 105. Twenty-third and Wash-<br>ton.     |
| 83. Twentieth and Quimby.              | 106. Twenty-third and Flanders.         |
| 84. Twentieth and Thurman.             | 107. Twenty-third and Glisan.           |
| 85. Twentieth and Vaughn.              | 108. Twenty-third and Hoyt.             |
| 86. Twenty-first and Hoyt.             | 109. Twenty-third and Johnson.          |
| 87. Twenty-first and Johnson.          | 110. Twenty-third and Northrup.         |
| 88. Twenty-first and Northrup.         | 111. Twenty-third and Lovejoy.          |
| 89. Twenty-first and Quimby.           | 112. Twenty-third and Savier.           |
| 90. Twenty-first and Savier.           | 113. Twenty-third and Quimby.           |
| 91. Twenty-first and Thurman.          | 114. Twenty-fourth and Wash-<br>ton.    |
| 92. Twenty-second and Wash-<br>ington. | 115. Twenty-fourth and Flanders.        |
| 93. Twenty-second and Everett.         | 116. Twenty-fourth and Johnson.         |
| 94. Twenty-second and Glisan.          | 117. Twenty-fourth and Northrup.        |
| 95. Twenty-second and Irving.          | 118. Twenty-fourth and Petty-<br>grove. |
| 96. Twenty-second and Lovejoy.         | 119. Twenty-fourth and Savier.          |
| 97. Twenty-second and North-<br>rup.   | 120. Twenty-fifth and Johnson.          |
| 98. Twenty-second and Petty-<br>grove. | 121. Twenty-fifth and Savier.           |
| 99. Twenty-second and Savier.          | 122. Twenty-sixth and Savier.           |
| 100. Twenty-second and Thur-<br>man.   | 123. Twenty-seventh and Savier.         |
| 101. Twenty-second and Upsur.          | 124. Twenty-seventh and Thur-<br>man.   |

## CITY HYDRANTS.

## SOUTH OF MORRISON STREET.

- |                               |                                |
|-------------------------------|--------------------------------|
| 1. Water and Columbia.        | 40. Third and Clay.            |
| 2. Water and Clay.            | 41. Third and Market.          |
| 3. Water and Mill.            | 42. Third and Sheridan.        |
| 4. Water and Montgomery.      | 43. Third and Hooker.          |
| 5. Water and Harrison.        | 44. Fourth and Madison.        |
| 6. Water and Hooker.          | 45. Fourth and Jefferson.      |
| 7. Water and Grover.          | 46. Fourth and Harrison.       |
| 8. Water and Hood.            | 47. Fourth and Yamhill.        |
| 9. Hood and Lincoln.          | 48. Fourth and Lincoln.        |
| 10. Hood and Caruthers.       | 49. Fifth and Salmon.          |
| 11. Hood and Meade.           | 50. Fifth and Main.            |
| 12. Hood and Grover.          | 51. Fifth and Jefferson.       |
| 13. Hood and Whitaker.        | 52. Fifth and Columbia.        |
| 14. Hood and Pennoyer.        | 53. Fifth and Grant.           |
| 15. Corbett and Porter.       | 54. Sixth and Clay.            |
| 16. Corbett and Gibbs.        | 55. Sixth and Harrison.        |
| 17. Corbett and Curry.        | 56. Sixth and Sherman.         |
| 18. Corbett and Gaines.       | 57. Sixth and Sheridan.        |
| 19. Corbett and Abernethy.    | 58. Seventh and Market.        |
| 20. Corbett and Bancroft ave. | 59. Seventh and Montgomery.    |
| 21. Corbett and Hamilton ave. | 60. Seventh and Jackson.       |
| 22. Front and Lincoln.        | 61. Seventh and Lincoln.       |
| 23. Front and Caruthers.      | 62. Seventh and Grant.         |
| 24. Front and Meade.          | 63. West Park and Salmon.      |
| 25. Front and Porter.         | 64. West Park and Jefferson.   |
| 26. Front and Gibbs.          | 65. West Park and Clay.        |
| 27. Front and Curry.          | 66. West Park and Mill.        |
| 28. Front and Hamilton ave.   | 67. West Park and Harrison.    |
| 29. First and Grant.          | 68. West Park and College.     |
| 30. First and Sheridan.       | 69. Tenth and Salmon.          |
| 31. First and Hooker.         | 70. Twelfth and Jefferson.     |
| 32. First and Wood.           | 71. Thirteenth and Salmon.     |
| 33. First and Whitaker.       | 72. Thirteenth and Montgomery. |
| 34. First and Pennoyer.       | 73. Fourteenth and Taylor.     |
| 35. Second and Lincoln.       | 74. Fourteenth and Jefferson.  |
| 36. Second and Porter.        | 75. Fifteenth and Mill.        |
| 37. Third and Yamhill.        | 76. Sixteenth and Taylor.      |
| 38. Third and Salmon.         | 77. Sixteenth and Montgomery.  |
| 39. Third and Madison.        | 78. Seventeenth and Clay.      |

## CITY HYDRANTS—Continued.

## SOUTH OF MORRISON STREET.

- |                                |                               |
|--------------------------------|-------------------------------|
| 79. Seventeenth and Jefferson. | 89. King and Park ave.        |
| 80. Chapman and Morrison.      | 90. King and Wayne ave.       |
| 81. Chapman and Taylor.        | 91. Ford and Main.            |
| 82. Chapman and Main.          | 92. Macadam and Gaines ave.   |
| 83. Chapman and Jefferson.     | 93. Macadam and Lowell ave.   |
| 84. Chapman and Mill.          | 94. Macadam and Hamilton ave. |
| 85. Stout and Main.            | 95. Macadam and Nebraska ave. |
| 86. Stout and Jefferson.       | 96. Macadam and Vermont ave.  |
| 87. St. Clare and Wayne.       | 97. Macadam and Texas ave.    |
| 88. St. Clare and Park ave.    |                               |
- 97 to 107. Eleven hydrants south of Texas ave. on east side of Macadam street.

## HYDRANTS OF ELEVATOR CO.

- |                           |                                 |
|---------------------------|---------------------------------|
| 1. Front and Market.      | 27. Front and Northrup.         |
| 2. Front and Clay.        | 28. First and Market.           |
| 3. Front and Columbia.    | 29. First and Clay.             |
| 4. Front and Jefferson.   | 30. First and Montgomery.       |
| 5. Front and Madison.     | 31. First and Jefferson.        |
| 6. Front and Main.        | 32. First and Madison.          |
| 7. Front and Salmon.      | 33. First and Main.             |
| 8. Front and Taylor.      | 34. First and Salmon.           |
| 9. Front and Yamhill.     | 35. First and Taylor.           |
| 10. Front and Morrison.   | 36. First and Yamhill.          |
| 11. Front and Alder.      | 37. First and Morrison.         |
| 12. Front and Washington. | 38. First and Alder.            |
| 13. Front and Stark.      | 39. First and Washington.       |
| 14. Front and Oak.        | 40. First and Stark.            |
| 15. Front and Pine.       | 41. First and Oak.              |
| 16. Front and Ash.        | 42. First and Pine.             |
| 17. Front and Abernethy.  | 43. First and Ash.              |
| 18. Front and Burnside.   | 44. First and Abernethy.        |
| 19. Front and Couch.      | 45. First and Burnside.         |
| 20. Front and Davis.      | 46. First and Couch.            |
| 21. Front and Everett.    | 47. First and Davis.            |
| 22. Front and Hoyt.       | 48. First and Flanders.         |
| 23. Front and Irving.     | 49. First and Glisan.           |
| 24. Front and Kearney.    | 50. Third and Oak (private).    |
| 25. Front and Lovejoy.    | 51. Fourth and Couch (private). |
| 26. Front and Marshall.   |                                 |

## CITY HYDRANTS.

## PORTLAND HEIGHTS.

- |                             |                           |
|-----------------------------|---------------------------|
| 1. Sixteenth and Elizabeth. | 4. Twentieth and Laurel.  |
| 2. Chapman and Elizabeth.   | 5. Twentieth and Jackson. |
| 3. Chapman and Myrtle.      | 6. Twentieth and Spring.  |

## CITY HYDRANTS.

## EAST SIDE.

- |                                    |                                  |
|------------------------------------|----------------------------------|
| 1. Water and East Clay.            | 39. Seventh and East Grant.      |
| 2. Water and Hawthorne ave.        | 40. Seventh and East Harrison.   |
| 3. First and East Clay.            | 41. Seventh and East Mill.       |
| 4. First and East Morrison.        | 42. Seventh and East Clay.       |
| 5. First and East Washington.      | 43. Seventh and East Morrison.   |
| 6. First and East Oak.             | 44. Seventh and Multnomah.       |
| 7. Third and East Mill.            | 45. Eighth and Brooklyn.         |
| 8. Union ave and Ivon.             | 46. Eighth and East Sherman.     |
| 9. Union ave and East Caruthers.   | 47. Eighth and East Lincoln.     |
| 10. Inman, Paulson Co's yard.      | 48. Eighth and Stephens.         |
| 11. Inman, Paulson Co's yard.      | 49. Eighth and East Morrison.    |
| 12. Union ave and East Clay.       | 50. Eighth and Broadway.         |
| 13. Union ave and East Morrison.   | 51. Ninth and East Sherman.      |
| 14. Union ave and East Alder.      | 52. Ninth and East Clay.         |
| 15. Union ave and East Washington. | 53. Ninth and East Belmont.      |
| 16. Union ave and East Oak.        | 54. Ninth and East Washington.   |
| 17. Union ave and East Pine.       | 55. Ninth and East Davis.        |
| 18. Union ave and East Ankeny.     | 56. Ninth and Holladay ave.      |
| 19. Union ave and East Couch.      | 57. Ninth and Multnomah.         |
| 20. Union ave and East Davis.      | 58. Tenth and East Caruthers.    |
| 21. Union ave and East Glisan.     | 59. Tenth and East Market.       |
| 22. Union ave and Oregon.          | 60. Tenth and East Oak.          |
| 23. Union ave and Holladay ave.    | 61. Tenth and East Ankeny.       |
| 24. Union ave and Multnomah.       | 62. Milwaukee and Friedrick.     |
| 25. Union ave and Wiedler.         | 63. Milwaukee and Powell.        |
| 26. Fifth and Taggart.             | 64. In Power House.              |
| 27. Fifth and East Lincoln.        | 65. Eleventh and East Sherman.   |
| 28. Fifth and Stephens.            | 66. Eleventh and East Lincoln.   |
| 29. Fifth and East Clay.           | 67. Eleventh and Stephens.       |
| 30. Fifth and East Salmon.         | 68. Eleventh and East Clay.      |
| 31. Fifth and East Yamhill.        | 69. Twelfth and Belmont.         |
| 32. Fifth and East Morrison.       | 70. Twelfth and East Morrison.   |
| 33. Fifth and East Washington.     | 71. Twelfth and East Washington. |
| 34. Fifth and Broadway.            | 72. Twelfth and East Oak.        |
| 35. Sixth and Belmont.             | 73. Twelfth and East Pine.       |
| 36. Sixth and East Oak.            | 74. Twelfth and East Ankeny.     |
| 37. Sixth and East Pine.           | 75. Twelfth and East Couch.      |
| 38. Sixth and East Ankeny.         | 76. Twelfth and East Davis.      |
|                                    | 77. Twelfth and Broadway.        |

## CITY HYDRANTS—Continued.

## EAST SIDE.

- |                                  |                                    |
|----------------------------------|------------------------------------|
| 78. Thirteenth and Powell.       | 92. Twentieth and East Morrison.   |
| 79. Fourteenth and Rhine.        | 93. Twentieth and Irving.          |
| 80. Fourteenth and Belmont.      | 94. Twenty-first and Bush.         |
| 81. Fourteenth and East Pine.    | 95. Twenty-first and Powell.       |
| 82. Fifteenth and Clinton.       | 96. Twenty-first and Brooklyn.     |
| 83. Fifteenth and Broadway.      | 97. Twenty-first and Broadway.     |
| 84. Sixteenth and East Main.     | 98. Twenty-second and East Stark.  |
| 85. Sixteenth and East Morrison. | 99. Twenty-second and East Ankeny. |
| 86. Sixteenth and East Ankeny.   | 100. Twenty-sixth and East Stark.  |
| 87. Sixteenth and East Davis.    | 101. Twenty-eighth and Broadway.   |
| 88. Eighteenth and Powell.       | 102. Thirtieth and East Stark.     |
| 89. Eighteenth and Clinton.      |                                    |
| 90. Nineteenth and East Stark.   |                                    |
| 91. Nineteenth and Oregon.       |                                    |

## CITY HYDRANTS.

## SUNNYSIDE.

- |                                       |                                    |
|---------------------------------------|------------------------------------|
| 103. Thirty-second and East Morrison. | 105. Thirty-fourth and Belmont.    |
| 104. Thirty-fourth and East Alder.    | 106. Thirty-fifth and East Taylor. |
|                                       | 107. Thirty-sixth and East Main.   |

## CITY HYDRANTS.

## MCMILLAN'S ADDITION.

- |                                 |                              |
|---------------------------------|------------------------------|
| 108. Larrabee and Holladay ave. | 114. Wheeler and Clackamas.  |
| 109. Larrabee and Halsey.       | 115. First and Holladay ave. |
| 110. Larrabee and Dixon.        | 116. Second and Multnomah.   |
| 111. Benton and Clackamas.      | 117. Second and Halsey.      |
| 112. Ross and Cherry.           | 118. William ave and Cherry. |
| 113. Ross and Dixon.            |                              |

## CITY HYDRANTS.

## ALBINA.

- |                                   |                                  |
|-----------------------------------|----------------------------------|
| 119. Railroad and Randolph.       | 135. Commercial and Morris.      |
| 120. Railroad and Russell.        | 136. Gantenbein and Russell.     |
| 121. Goldsmith and Randolph.      | 137. Vancouver ave and Russell.  |
| 122. Goldsmith and Mitchell.      | 138. Williams ave and Hancock.   |
| 123. Delay and Russell.           | 139. Williams ave and Catherine. |
| 124. Mississippi and Russell.     | 140. Williams ave and Page.      |
| 125. Mississippi and Stanton.     | 141. Williams ave and Russell.   |
| 126. Mississippi and Freemont.    | 142. Williams ave and Sellwood.  |
| 127. Mississippi and Beach.       | 143. Williams ave and Freemont.  |
| 128. Mississippi and Shaver.      | 144. Williams and Mason.         |
| 129. Mississippi and Skidmore.    | 145. Rodney ave and Russell.     |
| 130. Mitchell and Russell.        | 146. Union ave and Catherine.    |
| 131. Mitchell and Sellwood.       | 147. Union ave and Sacramento.   |
| 132. Botwick and Page (shut off). | 148. Union ave and Russell.      |
| 133. Botwick and Knott.           | 149. Union ave and Stanton.      |
| 134. Starr and Russell.           |                                  |

CISTERN.

EAST SIDE.

Location.	Capacity, Gals.	Location.	Capacity, Gals.
Fifth and E. Clay . . .	25,000	Twelfth and E. Ankeny . . .	25,000
Fifth and E. Washington . .	20,000	Fourteenth and E. Pine . . .	25,000
Union ave and Pine . . . .	20,000	Williams ave and Cherry . .	

CISTERN.

ALBINA.

Location.	Capacity, Gals.	Location.	Capacity, Gals.
Loring and Harding . . . .	20,000	Minnesota ave and Beach . .	20,000
Mississippi and Goldsmith .	20,000	Williams ave and Beach . . .	20,000
Union ave and Fremont . . .	20,000		

CISTERN.

LOCATION AND CAPACITY.

COMMENCING ON EACH STREET, SOUTH END OF CITY.

Location.	Capacity, Gals.	Location.	Capacity, Gals.
Front and Harrison . . . .	20,000	Fifth and Oak . . . . .	15,000
Front and Columbia . . . .	20,000	Fifth and Everett . . . . .	20,000
Front and Madison . . . . .	20,000	Fifth and Glisan . . . . .	20,000
First and Meade . . . . .	20,000	Sixth and College . . . . .	20,000
First and Mill . . . . .	15,000	Sixth and Mill . . . . .	20,000
First and Jefferson . . . . .	15,000	Sixth and Main . . . . .	18,000
First and Salmon . . . . .	20,000	Sixth and Davis . . . . .	20,000
First and Taylor . . . . .	20,000	Seventh and Harrison . . . .	15,000
First and Morrison . . . . .	20,000	Seventh and Jefferson . . . .	20,000
First and Alder . . . . .	20,000	Seventh and Salmon . . . . .	15,000
First and Washington . . . .	20,000	Seventh and Morrison . . . . .	8,000
First and Stark . . . . .	23,000	Seventh and Washington . . .	15,000
First and Oak . . . . .	20,000	Seventh and Oak . . . . .	15,000
First and Ash . . . . .	20,000	Seventh and Burnside . . . . .	16,000
First and Burnside . . . . .	15,000	East Park and Everett . . . .	20,000
Second and Caruthers . . . . .	20,000	Eighth and Hall . . . . .	20,000
Second and Hall . . . . .	20,000	Eighth and Clay . . . . .	20,000
Second and Main . . . . .	15,000	Eighth and Everett . . . . .	17,000
Second and Alder . . . . .	20,000	Ninth and Jefferson . . . . .	20,000
Second and Stark . . . . .	20,000	Ninth and Salmon . . . . .	20,000
Second and Pine . . . . .	25,000	Ninth and Morrison . . . . .	20,000
Second and Couch . . . . .	20,000	Ninth and Couch . . . . .	15,000
Second and Everett . . . . .	20,000	Ninth and Glisan . . . . .	20,000
Third and Grant . . . . .	20,000	Tenth and Washington . . . .	15,000
Third and Montgomery . . . .	12,000	Eleventh and Madison . . . . .	20,000
Third and Jefferson . . . . .	15,000	Eleventh and Burnside . . . .	20,000
Third and Taylor . . . . .	20,000	Eleventh and Jackson . . . . .	20,000
Third and Morrison . . . . .	20,000	Twelfth and Market . . . . .	20,000
Third and Washington . . . .	15,000	Thirteenth and Glisan . . . . .	20,000
Fourth and Clay . . . . .	20,000	Thirteenth and Marshall . . .	20,000
Fourth and Stark . . . . .	20,000	Fifteenth and Davis . . . . .	20,000
Fourth and Burnside . . . . .	11,000	Nineteenth and Glisan . . . . .	20,000
Fifth and Caruthers . . . . .	20,000	Twentieth and Burnside . . . .	20,000
Fifth and Taylor . . . . .	15,000	Pacific and Yamhill . . . . .	20,000
Fifth and Morrison . . . . .	20,000	Lowndale and Morrison . . . .	15,000
Fifth and Washington . . . . .	15,000		

## ANNUAL REPORT OF ENGINE COMPANY NO. 1.

LOCATION—East Side Fourth Street, between Morrison and Yamhill.—COMPANY ROLL.

XCII

CHIEF ENGINEER'S REPORT.

No. of Badge.	Name.	POSITION.	Age.	OCCUPATION.	RESIDENCE.
3	M. Laudenklos . . . .	Foreman . . . . .	34	Lineman . . . . .	189 Fourth Street.
4	G. W. Reuter . . . . .	Engineer . . . . .	38	Engineer . . . . .	Engine House.
5	G. E. Collins . . . . .	Engine Driver . . . . .	36	Teamster . . . . .	Engine House.
6	M. L. Bussy . . . . .	Cart Driver . . . . .	35	Teamster . . . . .	Engine House.
7	A. E. Beckwith . . . . .	Assistant Foreman . . . . .	31	Grocer . . . . .	295 Fourth Street.
8	L. Favaro . . . . .	Extramman . . . . .	45	Contractor . . . . .	Engine House.
9	W. E. Jacobs . . . . .	Extramman . . . . .	33	Coal Oil Dealer . . . . .	Engine House.
10	Jas. Carroll . . . . .	Extramman . . . . .	26	Teamster . . . . .	Engine House.
11	J. O'Connor . . . . .	Extramman . . . . .	26	Electric Light Trimmer . . . . .	309 Everett Street.
12	Chas. Thompson . . . . .	Extramman . . . . .	41	Teamster . . . . .	Seventh and Main Streets.

Number of times responded to big bell, 115. Stills and Telephone, 13. Number of hours service, 95-15.

APPOINTMENTS—Jas. Carroll, Jan. 1st; Geo. L. Stewart, Feb. 25th; W. H. McMullen, Aug. 9th; Geo. E. Collins, Sept. 1st; M. L. Bussy, Sept. 5th; A. B. Gardner, Sept. 19th; G. W. Reuter, Nov. 1st. RESIGNATIONS—W. H. McMullen, Feb. 25th; J. H. Morrissey, Aug. 9th; W. H. McMullen, Sept. 19th. TRANSFERS—Geo. L. Stewart to Engine Co. No. 6, May 1st; J. H. Morrissey from Engine Co. No. 6, May 1st; Dave Campbell to Truck Co. No. 1, Sept. 1st; Joe J. Galvin to Hose Co. No. 2, Sept. 5th; A. B. Gardner to Engine Co. No. 5, Nov. 1st. ACCIDENTS—D. Campbell injured from running to a fire Feb. 18th; on duty Feb. 25th. L. Favaro injured by falling from a ladder July 14th; on duty July 25.

INVENTORY—1 second class Clapp & Jones engine (3 years old), 1 hose cart complete, 800 feet hose, 3 horses, 3 blankets, 1 whip, 1 jack-screw, 1 gallon machine oil, 1 singletree for engine, 2 crow-bars, 1 poker for engine, 1 cistern key, 1 gong on cart, 3 hose clamps, 3 hose straps, 3 spanners, 4 play pipes, 1 heater complete, 200 lbs. coal, 12 chairs, 2 tables, 1 brush, 1 curry comb, 1 coal stove and pipe, 3 galvanized-iron buckets, 2 brooms, 1 scoop shovel, 1 galvanized-iron kettle for stove, 2 towels, 1 sprinkler, 1 pitchfork, 1 axe, 1 hatchet, 2 torches, 1 duster, 1 engine house fire alarm gong, 1 engine fire lighter, hanging harness for 3 horses, 1 Coffee marker, 3 unhitchers, 4 rubber spittoons, 3 hitching straps, 1 grainmeasure, 1 coal scuttle, 3 looking glasses, 6 iron bedsteads, 2 spring hangers, 1 set engine valves, 1 door mat, 1 pipe holder, 1 3-light chandelier, 1 mop, 1 dust pan and brush, 4 1-light chandeliers, 3 soap dishes, 1 clock (good), 2 2-light chandeliers, 1 floor brush, 3 galvanized-iron feed boxes, 1 towel roller.

## ANNUAL REPORT OF ENGINE COMPANY NO. 2.

LOCATION:—West side Second St., bet. Oak and Pine—COMPANY ROLL.

No. of Badge.	NAME.	POSITION.	Age.	OCCUPATION.	RESIDENCE.
13	R. T. Chamberlain . . . .	Foreman . . . . .	50	Carpenter . . . . .	Park and Yamhill.
14	J. Cunningham . . . . .	Engineer . . . . .	48	Engineer . . . . .	Engine House.
15	T. Springer . . . . .	Driver of Engine . . . . .	34	Teamster . . . . .	Engine House.
16	W. Collett . . . . .	Driver of Hose . . . . .	34	Carpenter . . . . .	Engine House.
17	J. Brown . . . . .	Ass't Foreman . . . . .	29	Clerk . . . . .	Engine House.
18	A. Graham . . . . .	Extramman . . . . .	26	Carpenter . . . . .	Engine House.
19	R. Cullins . . . . .	Extramman . . . . .	29	Electrician . . . . .	Ninth and Davis
21	J. Morgan . . . . .	Extramman . . . . .	22	Plumber . . . . .	Engine House.
20	R. Graham . . . . .	Extramman . . . . .	32	Livery-man . . . . .	Park and Washington
22	C. Kleine . . . . .	Extramman . . . . .	35	Solicitor . . . . .	Engine House.

Number of times responded to big bell 114. Stills and Telephone, 12. Total hours of service, 77.

ACCIDENTS—October 1st, engine over-turned going to fire. J. Cunningham side injured, October 1st. APPOINTMENTS—C Kleine, September 1st. TRANSFERS—F. Wynn to Truck 3.

### INVENTORY.

1 second-class Amoskeag engine and heater complete, 1 two wheel hose cart, 800 feet Maltese Cross hose, 3 horses, 1 set double harness, swinging, 1 set single harness, 1 large feed box, 3 small feed boxes, (galvanized iron) 2 galvanized iron buckets, 5 hose spanners, 5 hydrant spanners, 2 whips, 2 hose clamps, 4 hose straps, 1 hand truck, 1 scoop shovel, 1 crowbar, 1 jack screw, 3 horse blankets, 1 dust brush, 1 horse brush, 1 curry comb, 1 dandruff brush, 1 block and tackle, 1 mop handle, 50 feet .1 inch hose, 1 clock, 6 chairs, 2 brooms, 1 stove, 1 sprinkler, 1 pitchfork, 2 cistern keys, 10 sacks coal, 5 gallons coal oil, 1 gallon lard oil.

XCIII

## ANNUAL REPORT OF ENGINE COMPANY NO. 3.

LOCATION—Sixteenth and Washington Streets.—COMPANY ROLL.

XCIV

CHIEF ENGINEER'S REPORT.

No. of Badge.	NAMES.	POSITION.	Age.	OCCUPATION.	RESIDENCE.
23	L. Cone . . . . .	Foreman . . . . .	35	Moulder . . . . .	Fourth, bet. Yamhill and Taylor.
24	W. Wascher . . . . .	Engineer . . . . .	58	Engineer . . . . .	Engine House.
25	W. H. White . . . . .	Engine Driver . . . . .	36	Teamster . . . . .	Engine House.
26	S. G. Weller . . . . .	Hose Driver . . . . .	26	Teamster . . . . .	Engine House.
27	J. Young . . . . .	Assistant Foreman . . . . .	26	Marble Cutter . . . . .	Engine House.
28	C. R. Price . . . . .	Extraman . . . . .	--	Ship Rigger . . . . .	Seventh and Salmon.
29	P. Spies . . . . .	Extraman . . . . .	27	Teamster . . . . .	Engine House.
30	J. Scott . . . . .	Extraman . . . . .	--	Moulder . . . . .	Engine House.
31	H. Lokey . . . . .	Extraman . . . . .	23	Plumber . . . . .	Engine House.
32	E. Chlopeck . . . . .	Extraman . . . . .	30	Fish Dealer . . . . .	Engine House.

Number of times responded to big bell, 116.

Stills and Telephone, 10.

Number of hours service, 123.

RESIGNATIONS—F. Winsor, April 9, 1892; J. J. Flynn, Nov. 8, 1892. APPOINTMENTS—J. Scott, April 9, 1892; C. R. Price, Nov. 8, 1892.

### INVENTORY.

1 fourth-class Silsby engine, 1 fourth-class Clapp & Jones engine, 40 feet suction hose, 1 two-wheel hose cart, 800 feet Maltese Cross hose, 3 horses, 1 set double harness, 1 single harness, 1 set extra lines. 2 Bery hangers for harness, 2 hose clamps, 3 spanners, 2 hose straps, 1 axe, 2 lanterns, 3 iron feed boxes, 3 horse blankets, 1 stable fork, 1 block and tackle, 2 shovels, 1 Gamewell alarm, 1 Coffee indicator, 2 unhitchers, 3 spittoons, 1 coal stove and pipe, 2 galvanized buckets, 2 brooms, 1 jack-screw, 50 feet garden hose, 1 curry comb, 2 brushes, 6 chairs, 1 duster, 2 play pipes, 1 hydrant connection, 1 clock, 1 heater and connection, 1 cistern key, 6 iron beds, 6 towels.

## ANNUAL REPORT OF ENGINE COMPANY NO. 4.

LOCATION:—East Side of Front bet. Mill and Montgomery—COMPANY ROLL.

CHIEF ENGINEER'S REPORT.

No. of Badge.	NAME.	POSITION.	Age.	OCCUPATION	RESIDENCE.
33	T. D. Richardson . . . . .	Foreman . . . . .	30	Boiler Maker . . . . .	Engine House.
34	P. Griffin . . . . .	Engineer . . . . .	40	Engineer . . . . .	Engine House.
35	J. Fields . . . . .	Driver of Engine . . . . .	35	Teamster . . . . .	Engine House.
36	W. Keller . . . . .	Driver of Hose . . . . .	32	Butcher . . . . .	Engine House.
37	J. K. Flynn . . . . .	Clerk . . . . .	27	Bricklayer . . . . .	Fourth Street.
38	J. Murphy . . . . .	Extraman . . . . .	23	Plumber . . . . .	Engine House.
39	J. Cosgrove . . . . .	Extraman . . . . .	23	Teamster . . . . .	Engine House.
40	H. Marshall . . . . .	Extraman . . . . .	33	Book-keeper . . . . .	Engine House.
41	C. Stewart . . . . .	Extraman . . . . .	39	Laborer . . . . .	Engine House.
42	J. Ryan . . . . .	Extraman . . . . .	30	Tinner . . . . .	Engine House.

Number of times responded to big bell, 116

Stills 7.

Number of hours service 51 hours, 35 minutes.

RESIGNATIONS:—D. Gardiner, E. Simpson, H. Garr, L. N. Riley. DISCHARGED:—Charles Hooper. APPOINTMENTS:—J. Hewiston, J. Cosgrove, J. K. Flynn, H. Marshall, C. Stewart, J. Ryan. T. D. Richardson, Foreman; L. N. Riley, Clerk; J. K. Flynn, Clerk. DEATHS:—J. Hewiston.

### INVENTORY.

1 second-class Amoskeag engine, 1 two-wheel hose cart, 550 feet Maltese Cross hose, 250 feet White Anchor hose, 3 horses, 1 set double harness, 1 single harness, 3 unhitching straps, 3 blankets, 2 berry hangers, 1 heater and connections, 1 gong, 1 marker, 1 heater and bath tub, 1 stove, 4 iron beds, 2 door springs, 1 broom, 1 dust pan and brush, 1 duster, 16 chairs, 6 tables, 6 window shades, 8 spittoons, 1 hay fork, 1 shovel, 1 axe, 1 sprinkling can, 1 wire door mat, 1 curry comb and brush, 1 dandruff brush, 1 sponge, 1 jack screw, 1 stable broom, 50 feet garden hose, 2 hose straps, 2 hydrant keys, 2 hose clamps, 1 ton Cannel coal, 3 spanners, 3 iron hay racks, 3 galvanized feed boxes, 1 scoop shovel, 1½ ton New Castle coal, coke 3 tons, 1 vice.

XCV



## ANNUAL REPORT OF ENGINE COMPANY NO. 5.

LOCATION—West Side Front Street; between Whitaker and Gibbs.—COMPANY ROLL.

No. of Badge.	NAME.	POSITION.	Age.	OCCUPATION.	RESIDENCE.
79	A. C. Cooke . . . . .	Foreman . . . . .	30	Salesman . . . . .	Corner First and Grant.
80	A. B. Gardner . . . . .	Engineer . . . . .	46	Engineer . . . . .	Engine House.
81	G. Murbarger . . . . .	Engine Driver . . . . .	25	Teamster . . . . .	Engine House.
82	F. Winsor . . . . .	Hose Driver . . . . .	32	Teamster . . . . .	Engine House.
83	J. M. Terwilliger . . . . .	Assistant Foreman . . . . .	30	Butcher . . . . .	651 First Street.
84	J. Yane . . . . .	Extraman . . . . .	25	Upholster . . . . .	Corner Second and Gibbs.
85	B. F. Jones . . . . .	Extraman . . . . .	33	Druggist . . . . .	Corner Front and Gibbs.
86	R. Reynolds . . . . .	Extraman . . . . .	29	Painter . . . . .	Engine House.
87	R. J. Jones . . . . .	Extraman . . . . .	40	Carpet Renovator . . . . .	Corner First and Whitaker.
88	A. E. Nisenger . . . . .	Extraman . . . . .	35	Planer . . . . .	Sixth bet. Montgomery & Harrison.

Number of times responded to big bell, 119. Stills, 1. Number of hours service, 65-15.

ACCIDENTS—B. F. Jones, sprained ankle; J. Yane, hand cut with glass. RESIGNATIONS—L. M. Hayes, Nov. 2d.

APPOINTMENTS—F. Winsor, hose driver, and G. Murbarger, engine driver, April 9th; H. McMullen, engineer, July 12th.

TRANSFERS—L. M. Hayes, from Truck No. 5; H. McMullen, to Engine No. 1; A. B. Gardner, from Engine No. 1.

DISCHARGED—L. Wagner, April 9th; W. Vivean, July 12th.

INVENTORY—1 fourth-class Amoskeag engine (in good order), 3 lanterns, 2 suction, 1 gong on engine, 1 set engine wrenches, 3 crowbars, 1 cistern key, 1 poker for engine, 2 oil cans, 2 fire lighters, 1 Coleman heater and fixtures, 1 hose wagon (in neat order), 1 monkey-wrench, 1 nut wrench for wagon, 800 feet Maltese Cross hose in good order, 4 horses, 4 horse blankets, 2 whips, 4 hitching straps, 10 gallons coal oil, 1 hose clamp, 3 hose straps, 4 spanners, 2 play pipes, 17 chairs, 1 table, 6 spittoons, 1 dandruff brush, 1 pitchfork, 1 axe, 1 curry comb, 1 coal stove and 4 lengths of stove-pipe, 3 galvanized-iron buckets, 3 brooms, 2 scoop shovels, 4 towels, 1 hatchet, 1 duster, 1 engine house fire alarm gong, 2 sets double swinging harness, 4 patent hangers for harness, 1 large feed box, 4 small galvanized-iron boxes, 1 Coffee marker, 4 unhitchers, 1 coal scuttle, 1 looking glass, 6 iron bedsteads, 2 door mats, 2 mops, 1 dust pan and brush, 3 large Rochester coal oil lamps and 3 small hand lamps, 1 clock, ½ cord wood, 4 tons coke, 8 sacks Cannel coal, 1 sprinkler, ½ gal. lard oil, ½ gal. cylinder oil, ½ gal. castor oil, 1 hand truck, 1 jack-screw, 25 feet garden hose and nozzle, 1 double block and tackle, 1 single block, 75 feet rope, 2 sponges, 3 wardrobes, 4 iron hay racks, 1 can axle grease, 1 vise and bench, 4 hydrant wrenches, 2 lanterns, 1 heater and bath tub, 1 sliding pole, 1 rivet punch, 1 lamp trimmer, 2 chamois, 1 truck.