



1891

MAYOR'S
MESSAGE AND
MUNICIPAL
REPORTS

CITY OF PORTLAND, OREGON



CITY OF PORTLAND

OREGON

MAYOR'S MESSAGE

—AND—

MUNICIPAL REPORTS

FOR THE

FISCAL YEAR ENDING DECEMBER 31

1891

PORTLAND, OREGON
SCHWAB BROS. PRINTING AND LITHO. CO.
CITY PRINTERS
1892



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CITY OFFICERS—1891.

Mayor	<i>W. S. Mason</i>
Treasurer	<i>Frank Hacheny</i>
Auditor and Clerk	<i>W. T. Branch</i>
Attorney	<i>Wm. T. Muir</i>
Deputy Attorney	<i>J. V. Beach</i>
“ “	<i>M. G. Munly</i>
Assessor	<i>James Flower</i>
Superintendent of Streets	<i>Douglas W. Taylor</i>
Surveyor	<i>T. M. Hurlburt</i>
Police Judge	<i>Charles H. Carey</i>
Chief of Police	<i>S. B. Parrish</i>
Overseer Street Cleaning and Sprinkling	<i>C. Bomberger</i>
Deputy Auditor and Clerk	<i>S. Grutze</i>
“ “ “	<i>Wm. H. Connor</i>
Deputy Superintendent Streets	<i>W. E. Mulhollan</i>
“ “ “	<i>Wm. Braden</i>
“ “ “	<i>M. J. McKinnon</i>
“ “ “	<i>J. L. Sperry</i>
“ “ “	<i>J. D. McKay</i>
“ “ “	<i>A. E. Raleigh</i>
“ “ “	<i>S. J. Scott</i>
Assistant Surveyor	<i>J. W. Stengele</i>
“ “	<i>J. R. Hanson</i>
Harbor Policeman	<i>J. J. Byrne</i>
Poundmaster	<i>Wm. Myers</i>
Park Keeper	<i>C. M. Myers</i>

COMMON COUNCIL.

President of the Council	<i>John Myers</i>
FIRST WARD.	<i>D. W. Crowley</i>
<i>G. Castendieck</i>	
SECOND WARD.	<i>C. M. Forbes</i>
<i>W. A. Scoggin</i>	
THIRD WARD.	<i>Wm. Fliedner</i>
<i>Tyler Woodward</i>	
FOURTH WARD.	<i>J. F. Watson</i>
<i>H. B. Nicholas</i>	
FIFTH WARD.	<i>E. Shelby</i>
<i>P. Hobkirk</i>	
SIXTH WARD.	<i>W. Dent</i>
<i>John Myers</i>	
SEVENTH WARD.	<i>H. Hansen</i>
<i>W. H. Merrick</i>	
EIGHTH WARD.	<i>J. Parker</i>
<i>J. Pittenger</i>	

STANDING COMMITTEES

—OF THE—

COMMON COUNCIL OF THE CITY OF PORTLAND.

WAYS AND MEANS.

T. WOODWARD. J. MYERS. H. B. NICHOLAS

ACCOUNTS AND CURRENT EXPENSES.

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

STREET CLEANING AND SPRINKLING.

D. W. CROWLEY. J. F. WATSON. P. HOBKIRK
H. HANSEN. J. PITTENGER.

STREETS.

J. MYERS. W. DENT. J. PITTENGER. W. H. MERRICK
G. CASTENDIECK. W. A. SCOGGIN. E. SHELBY.

SEWERS AND DRAINAGE.

P. HOBKIRK. W. FLIEDNER. D. W. CROWLEY. W. H. MERRICK
H. HANSEN. T. WOODWARD. J. PARKER.

HEALTH AND POLICE.

J. PITTENGER. W. DENT. W. A. SCOGGIN

PARKS AND PUBLIC PROPERTY.

C. M. FORBES. G. CASTENDIECK. J. F. WATSON. E. SHELBY
W. DENT. H. HANSEN. J. PITTENGER.

JUDICIARY AND ELECTIONS.

H. B. NICHOLAS. J. MYERS. C. M. FORBES
W. FLIEDNER. J. PARKER.

COMMERCE.

W. FLIEDNER. C. M. FORBES. J. F. WATSON

LICENSE.

H. B. NICHOLAS. JOHN MYERS. G. CASTENDIECK
C. M. FORBES. J. PITTENGER

LIGHT AND WATER.

JOHN MYERS. W. DENT. T. WOODWARD
W. H. MERRICK. H. HANSEN.

HEALTH DEPARTMENT.

Board of Health } *W. S. Mason*, Mayor
 } *S. B. Parrish*, Chief of Police
 } *J. Pittenger*, Councilman

POLICE DEPARTMENT.

Police Judge *C. H. Carey*
Chief of Police *S. B. Parrish*
Captains } *Chas. Gritzmacher*, *R. H. Cardwell*, *A. M. Cox*
of Police } *J. T. Watson*, *A. Holmberg*, *Abe Tichenor*
Clerk of Police Department *S. P. Lee*

PORTLAND PAID FIRE DEPARTMENT.

Board of Fire Commissioners } *James Lotan*
 } *T. B. Trevett*
 } *J. H. Steffan*
President *James Lotan*
Secretary *Chas. Hutchins*
Chief Engineer *H. Morgan*
First Assistant *Chas. Dobelbower*
Second Assistant *James Kiernan*
Third Assistant *H. H. Holmes*
Fourth Assistant *W. H. Smith*
Superintendent Fire Alarm *A. J. Coffee*

THE WATER COMMITTEE

—OF THE—
CITY OF PORTLAND

JANUARY 1st. 1892

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 6th, 1892. }

To the Honorable Common Council of the City of Portland:—

GENTLEMEN:—A year has passed since the last annual message and reports of the city officers were submitted to your honorable body—a year fraught with many changes in the municipal life of Portland. A new charter has been provided, under which we are working. Consolidation has been consummated of the three cities—Portland, East Portland and Albina—under the one name and title of Portland. From three municipalities we now have one government and a city of 80,000 inhabitants, with all of its interests and responsibilities resting upon your honorable body. The trust you have in your hands is one of a grave character, and we trust that He, who guideth and determineth the fate and progress of nations, may endow you with wisdom, that you may so legislate that through your enactments all of the great interests that make a city great may give to Portland a name and reputation of which every citizen may be proud.

The last year has been one of unexampled progress and growth. Many buildings of permanency and solidity have been built, of which any city might feel proud, and many more are projected and are now in process of erection. The City Hall, which will be the future home of the Council and city officers, will, during the coming season, doubtless be pushed with vigor.

The Chamber of Commerce is now beginning to make progress, and will be a splendid monument to the push and enterprise of the commercial men of our city.

The Public Library building, the Arlington Club building, and others, are striking illustrations that our public-spirited citizens are determined to make of Portland a city of which its citizens may justly feel proud. And last, and by no means the least of the strides of progress, we have a "free bridge," the accomplishment of which is due to this Council, through their committee, to whom be all honor for their indefatigable labors in bringing about the desirable result, after weeks of labor.

And we trust the Bridge Committee, composed of a number of our stirring and enterprising public men, may soon fulfill their mission, that the pledges they made to our sister cities on the East side, when consolidation was before the people, may be fully redeemed.

Herewith are submitted the reports of the Auditor, Treasurer, Superintendent of Streets, Surveyor, Police Department and Fire Department, to which your attention is called. The increase in the expenses of the different departments is owing wholly to the great increase of work entailed by the consolidation of the cities and the complications arising from the hurried legislation of our sister cities during the last few weeks of their existence as separate city governments. Our city officers and the committees have been faithfully working to bring order out of disorder, and to reconcile the complaints of the dissatisfied.

STREETS.

Much complaint is made about the condition of our streets. The public do not seem to understand, and visitors to our city do not know, that this body has not the power to improve streets at will, in manner and of material that you in your own judgment should deem best. They do not realize that you can only improve a street on petition of property owners along said street desired to be improved, and at least one-half of the property owners must sign said petition, and that the petition shall indicate the material which shall be used in said improvement. Want of this knowledge by the public, and those visiting our

city, brings upon this body much censure for want of enterprise, when you are really powerless in the matter. The censure should lie with the property owners who alone are to blame in the matter.

SUGGESTIONS IN REGARD TO STREETS.

I desire to make some suggestions in regard to street improvements which in my opinion would save our city very much expense in the keeping of our streets in repair and save us from much of the criticism that we now have to submit to. My suggestion would be that when a street is ordered improved and paved that all connections should be made of sewer, gas and water pipes, extending to the curb, and the expense of such connections be assessed to the owners of the property with the cost of the street improvement. When the street has been finished and accepted by the Superintendent of Streets and the Street Committee let it become the property of the city, to be by them kept in repair. Very few men can keep such a street in repair. If of Belgian Blocks, when a depression of a few basaltic blocks occur, a wheel-barrow of sand and an hour's work will place it in as good condition as when at first laid down. On a street improved with macadam, a cart load of sifted rock put in the depressions as they are worn in street will keep it in repair, whereas our present system permits a street to become almost impassable before any improvement is made, and then at a considerable expense. I am aware that we would require an act of the Legislature to authorize this change in the management of our street improvement, but I consider the matter worthy of thought, and you may conclude it judicious to petition for the same at the next sitting of our Legislature.

SEWERS.

As the portion of our city on the East side of the river is yet almost without sewerage, I would suggest to your Honorable Body, that a plan be adopted after careful survey of the territory

to be benefitted, and as rapidly as possible that the main sewers be built, and as a sanitary measure that the lateral sewers be connected as soon as possible, and that our police and health officers enforce the connecting of all private houses with the sewers. Our city is considered a healthy one and by due observance of the sanitary laws and regulations it can be preserved so.

GARBAGE QUESTION.

In this connection I would call your attention to the garbage question. The party who has the contract for cremating the garbage reports that his facilities are entirely inadequate to make disposition of the quantity that is delivered to him, and he is not disposed to build new furnaces without a contract with the city allowing him additional compensation, justifying him for erecting increased facilities. As our city increases in population there is a consequent increase of garbage which, as a sanitary measure must be disposed of. I would suggest that the Committee on Health and Police act at once in the matter and make their recommendations to your Honorable Body.

STREET CLEANING AND SPRINKLING.

The Street Cleaning and Sprinkling Department seems to have been managed with care, and has kept the streets in as good order as the facilities at the command of the department would admit. The greatly increased area of our city will unquestionably for the future demand an increase in this department to render it fully competent to give satisfaction to the different portions of our growing city. And the sooner we can have our streets paved with material that will have solidity and permanency, and be able to dispense with the macadam covering of the streets that we now use, so much the more effective will be this department.

PUBLIC WORKS.

A rather peculiar condition of affairs exist in the projected public works of our city. We have a Water Commission for the purpose of laying pipes, building aqueducts, etc., for furnishing

a supply of good, wholesome water, with authority to issue the bonds of the city to the amount of \$2,500,000. A City Hall Commission, to provide a home, with suitable accommodations, for all of our municipal officers, with authority to issue bonds in the sum of \$500,000, in addition to the \$175,000 already issued for this purpose. A Bridge Commission, whose functions are to acquire bridges, affording *free transit* between the two sections of our city divided by the Willamette river. They have authority to issue bonds in the sum of \$500,000. We have a Port of Portland Commission, whose duties are the deepening of the channel of the Willamette and Columbia rivers, giving a depth of water sufficient for the largest ships to have free ingress and egress to and from our harbor, carrying our products to the markets of the old world and bringing the manufactures and products of Europe and Asia to our port.

The responsible duties resting with the honorable gentlemen composing these different commissions, you are relieved of, and we have reason to express confidence that the onerous duties devolving on these gentlemen will be discharged to the satisfaction of the public whom they serve.

We have, in addition to the commissions given above, a Board of Fire Commissioners, a Board of Police Commissioners, who have in charge the Fire Department and the Police Department of our city.

Your honorable body, elected by the people of the City of Portland to take charge of their interests, have nothing to say in regard to the conducting of either department, but the *privilege* is extended to you to pay all salaries in each department that you have no voice in fixing—to pay all bills contracted, in which you are not consulted. And while the police force is supposed to be employed by the city to enforce the laws, state and municipal, we have gambling houses running, but few arrests, and still fewer convictions; violations of the saloon ordinance, arrests rare and convictions almost an unknown quantity; brothels in

certain portions of our town, the unfortunate denizens soliciting the notice of passersby, without arrest or rebuke. There seems to be a strange apathy or blindness or indisposition with those who should see these violations of the law, and it is marvelous, when an election occurs, the phenomenal activity developed by the members of the Fire and Police Departments in carrying out the commands and desires of their leaders.

TAXES.

The charter under which we are working limits our general expenses to be confined within the amount of money that a three mill tax will raise. While we recognize one fact, the amount is insufficient to properly administer the different departments of the city government, the fact remains, and your honorable body will have to cut down expenses in the different departments until we can make our expenditures come within our income. There may be much dissatisfaction among the people at being denied some improvements your honorable body would gladly make, yet an explanation, I am satisfied, will be received by them in the spirit in which it is given.

SPECIAL WATER AND LIGHT COMMITTEE.

Much praise is due your special committee who have had in charge the water and light plant on the east side of the river. They took charge of the business when in process of construction, and have faithfully and well discharged their duties, devoting much valuable time to the interests of the citizens of that portion of our city, which is doubtless fully appreciated by those benefited, as well as by your honorable body.

CITY PARKS.

A provision in Section 189 of our Charter provides that the city may issue bonds of \$250,000 for the purchase and improvement of city parks. I would suggest that your honorable body take steps at an early date to secure land for this purpose. The steady growth of our city for the last year has enhanced the

value greatly of all real estate, and from the present indications the longer this matter is deferred the more difficult will it be to purchase in a desirable locality.

I feel, gentlemen, that I cannot close my message to you without complimenting our city officers—the Auditor, Treasurer, Superintendent of Streets and Surveyor, for the able manner in which they have discharged the duties of their respective offices, and the uniform courtesy in which they have listened to the complaints of those feeling themselves aggrieved, and the patience they have exercised in trying to satisfy those seeking information in their several departments.

And the City Assessor, after months of arduous labor, much of the time working day and night, has at last brought his labors to a close with gratifying results. He has had the almost herculean task of trying to satisfy everyone as to the justice of their assessment.

In closing, gentlemen, permit me to express the hope that this coming year may be one of great prosperity to our city, and that your deliberations may be characterized by peace and harmony, and that all your enactments may add to the prosperity and greatness of Consolidated Portland.

Respectfully submitted,

W. S. MASON,
Mayor.

ANNUAL REPORT
 —OF THE—
 AUDITOR AND CLERK
 —OF THE—
 CITY OF PORTLAND
 FOR THE YEAR ENDING DECEMBER 31ST, 1891

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

GENTLEMEN:—I herewith submit to you my annual report for the year ending Dec. 31, 1891.

GENERAL FUND.

Balance in Fund Dec. 31, 1890,	\$	933 97
Received from—		
Tax roll, 1891	\$	44,173 85
“ “ 1891 dlqt. col. by Chief Police		1,580 00½
“ “ 1890 Paid Treasurer		376 73
“ “ 1889 “ “		79 55
“ “ 1888 “ “		64 69
“ “ 1887 “ “		196 12
“ “ 1886 “ “		109 50
“ “ 1885 “ “		37 71
“ “ 1884 “ “		21 73
“ “ 1883 “ “		6 09
“ “ 1882 “ “		50
“ “ 1880 “ “		10 65
“ “ 1877 “ “		8 00
“ “ 1876 “ “		5 20
<i>Amounts carried forward</i>	<i>\$</i>	<i>46,670 32½ \$ 933 97</i>

<i>Amount brought forward</i>	\$ 46,670 32½	\$ 933 97
Received from—		
Business licenses	176,460 70	
Dog licenses	2,203 50	
Poundmaster redemption and sale of impounded stock	1,108 50	
Police Judge, fines and costs in city and state cases	16,186 40	
Chief of Police costs on delinquent street and sewer assessments	377 77	
Superintendent of Streets, sale of old lamps	78 00	
P. L. Willis, cost of Viewers, ex- tension N. Twenty-Fifth St.,	44 00	
Sale of Desk	15 00	
By Transfer from—		
Park fund	76 00	
City Hall fund	1,000 00	
Street and sewer interest fund	1,219 76	
Sundry street and sewer funds	1,869 65	
Survey deposit fund	5 00	
East Portland general fund	2 47	
Albina general fund	25,697 93	
Indebtedness fund	6,042 77	
Bonded indebtedness fund	3,490 79	
Light fund	10,472 03	
East Portland fire fund	704 51	
Street repair fund	446 25	
East Portland water fund (tem. loan)	40,000 00	
Received from—		
Rent, Port. Mechanic's Fair Ass'n	250 00	
Redemption of property sold by Chief of Police	382 00	
Chief of Police, cost of collecting delinquent taxes	168 62	
Contractor, money refunded	200 00	
	<u>\$335,171 97½</u>	
	\$336,105 94½	

Contra.

Transferred to—	
Lamp fund	\$ 40,000 00
Street cleaning & sprinkling fund	46,600 00
Fire Department fund	52,555 00
Police Department fund	4,000 00
Light fund	2,678 45
Willamette River fund	1,000 00
Int. fund, bonded indebtedness	5,765 00
Int. fund, City Hall bonds	8,750 00
Int. fund, Albina indebtedness	4,500 00
Int. fund, East Port. indebtedness	9,450 00
Extension Fourteenth st. fund	7,170 08
Sewer in S. Fourth st. fund	40 00
Sewer in Taylor and 14th st. fund	14 50
Imp. Thirteenth street fund	1,535 88
“ Kelly street fund	1,071 15
“ South Front street fund	948 82
Extension Cornell Road fund	632 95
“ N. ½ Mill st. fund	100 00
Sewer in South Third st. fund	49 58
Warr's paid and returned to Dec. 31, '91	136,802 16
Balance in Fund Dec. 31, 1891	<u>12,442 37½</u>
	\$336,105 94½

AUDITED CLAIMS PAID BY WARRANTS.

Salaries.

Mayor and Members Common Council	\$13,830 40
Auditor and Clerk	2,400 00
City Attorney	2,757 00
Superintendent of Streets	2,400 00
City Treasurer	1,985 04
City Surveyor	2,400 00
Deputies Superintendent of Streets	7,898 92

Clerk hire Auditor and Clerk's office	7,170	33
Clerk hire, Assessor's office	1,722	50
Clerk hire, Police Judge	200	00
Police Judge	2,193	66
Street Repairer	1,080	00
Harbor Police	1,200	00
Pound Master	1,080	00
Deputy City Surveyor	5,728	08
City Inspector	462	00
Park Keeper	1,200	00
Deputy City Attorney	1,249	92
City Assessor	1,940	85
Deputy Pound Master	391	93

Streets and Public Property.

Imp. sts. in front of Public Property	1,873	03
Repairs of streets and bridges	6,557	62
Sewers and nuisances	4,685	68
Surveyor's Assistants	11,972	25
Pay of Street Viewers and Assessors	894	00
Care of Parks and Public Grounds	13,799	23
Monuments	182	10
Street signs	4	00

Council Room and Offices.

Rent Council Room, Offices, fuel, etc. \$	8,546	92
Stationery and blanks	3,412	74

Miscellaneous.

Advertising \$	4,172	52
Miscellaneous expenses	2,287	68
Elections	400	00

Copying assessment roll	461	85
Crematory	2,460	00
Working prisoners	900	00
Relief of certain persons	2,654	00
Contagious and infectious diseases	10	00
Purchase of property	300	00
Clerk hire, Treasurer's office	204	95
Printing Mayor's Message	386	00
Purchase of hand engine	500	00
Purchase safe for Treasurer's office	400	00
Redemption of outstanding warrants issued by the former cities of East Portland and Albina	11,949	86
Construction of engine house, Albina	3,422	60
Moving buildings	518	50
Redemption of land	425	71
Expense of Madison street bridge	187	00
Litigation	64	50

Total warrants drawn in 1891	\$142,923	37
Warrants outstanding Dec. 31, 1890	2,123	35
	\$145,046	72
War's paid and ret'd to Dec. 31, '91	\$136,802	16
Warrants outstanding Dec. 31, '91	8,216	81
Cancelled	27	75
	\$145,046	72

FIRE DEPARTMENT FUND.

Balance in fund Dec. 31, 1890 \$	68
Received from—	
Tax roll, 1891	77,304
Tax roll, 1891, delinquent	1,887
Tax roll, 1890	63
Sale of two horses	160

Sale of 19 exempt certificates . . .	38 00	
Sale of old copper	10 10	
Sale of one fire extinguisher . . .	5 00	
Returned insurance premium . . .	202 95	
Line construction	17 75	
Amount returned on over paid bill	18 40	
Transfers from General fund . .	52,555 00	\$132,268 16

Contra.

War's paid and ret'd to Dec. 31, '91 .	\$127,123 53	
Balance in fund Dec. 31, 1891 . . .	5,144 63	\$132,268 16

Warrants Drawn.

General expense of Fire Department .	\$124,644 65	
Warrants outstanding Dec 31, 1890 .	4,307 10	\$128,951 75

War's paid and ret'd to Dec. 31, '91 .	\$127,123 53	
Warrants outstanding Dec. 31, '91 .	1,828 22	\$128,951 75

POLICE DEPARTMENT FUND.

Balance in fund Dec. 31, 1890 . . .	\$ 8,325 01	
Received from—		
Tax roll, 1891	77,304 24	
Tax roll, 1891, delinquent . . .	1,887 20	
Tax roll, 1890, "	68 84	
Transfers from General fund . .	4,000 00	\$ 91,585 29

Contra.

War's paid and ret'd to Dec. 31, '91 .	\$ 85,542 86	
Balance in fund Dec. 31, 1891 . . .	6,042 43	\$ 91,585 29

Warrants Drawn.

Pay of Police	\$ 68,074 50	
Feeding prisoners	3,047 16	
Expense of Police building	3,663 93	
Indigent sick	590 05	
Medical attendance	52 50	
Contingent expenses	22 92	
Patrol wagon	1,163 17	
Call boxes	8,876 30	

Total warrants drawn in 1891	\$ 85,490 53	
Warrants outstanding Dec. 31, 1890 .	325 45	85,815 98

War's paid and ret'd to Dec. 31, '91 .	\$ 85,542 86	
Warrants outstanding Dec. 31, '91 .	271 37	
Warrants cancelled	1 75	\$ 85,815 98

STREET CLEANING AND SPRINKLING FUND.

Balance in fund Dec. 31, 1890 . . .	\$ 3 86	
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Received from—

Tax roll, 1891	22,086 92	
Tax roll, 1891, delinquent	539 20	
Tax roll, 1890, "	19 67	
Feed for impounded stock	47 50	
Rebate on freight, street sweeper	50 00	
Transfer from General fund . . .	46,600 00	\$ 69,347 15

Contra.

War's paid and ret'd to Dec. 31, '91 .	\$ 67,363 15	
Balance in fund Dec. 31, 1891 . . .	1,984 00	\$ 69,347 15

Warrants Drawn.

General expenses of Department . . .	\$ 68,816 00	
Warrants outstanding Dec. 31, '90 . . .	216 00	\$ 69,032 00
War's paid and ret'd to Dec. 31, '91 . . .	\$ 67,363 15	
Warrants outstanding Dec. 31, '91 . . .	1,668 85	\$ 69,032 00

EAST PORTLAND WATER FUND.

Received from—		
Former city of East Portland . . .	\$ 20,628 67	
Sale of bonds	100,000 00	
Transfer from East Side Water		
Expense Fund	68 90	\$ 120,697 57

Contra.

War's paid and ret'd to Dec. 31, '91 . . .	\$ 69,897 06	
Transferred to—		
General fund (tem. loan) . . .	40,000 00	
East Side Water expense fund . . .	386 90	
Balance in fund, Dec. 31, 1891 . . .	10,413 61	\$ 120,697 57

Warrants Drawn.

Construction of East Port. Water works . . .	\$ 71,586 81	
War's paid and ret'd to Dec. 31, '91 . . .	\$ 69,897 06	
Warrants outstanding, Dec. 31, '91 . . .	1,689 75	\$ 71,586 81

LIGHT FUND.

Received from—		
Former city of East Portland . . .	\$ 48,945 60	
Amount returned on over-paid bill . . .	12 75	
Transfers from General fund . . .	2,678 45	\$ 51,636 80

Contra.

War's paid and ret'd to Dec. 31, '91 . . .	\$ 41,147 52	
Transferred to General fund	10,472 03	
Balance in fund Dec. 31, 1891	17 25	\$ 51,636 80

Warrants Drawn.

Construction of East Portland electric		
light and power house		\$ 41,164 77
War's paid and ret'd to Dec. 31, '91 . . .	\$ 41,147 52	
Warrants outstanding Dec. 31, '91 . . .	17 25	\$ 41,164 77

EAST SIDE WATER EXPENSE FUND.

Received from—		
Water rates	\$ 4,032 11	
Transfer from E. Port. Water fund . . .	386 90	
Am't returned on over-paid bill . . .	5 00	\$ 4,424 01

Contra.

War's paid and ret'd to Dec. 31, '91 . . .	\$ 4,294 98	
Transferred to East Port. Water fund . . .	68 90	
Balance in fund, Dec. 31, 1891	60 13	\$ 4,424 01

Warrants Drawn.

Gen. expense East Port. water works . . .	\$ 4,412 57	
War's paid and ret'd to Dec. 31, '91 . . .	\$ 4,294 98	
Warrants outstanding Dec. 31, '91 . . .	117 59	\$ 4,412 57

WILLAMETTE RIVER FUND.

Balance in fund Dec. 31, 1890 . . . \$	496 44	
Rec'd by transfer from General fund .	1,000 00	\$ 1,496 44

Contra.

War's paid and ret'd to Dec. 31, '91 . \$	1,422 63	
Balance in fund Dec. 31, 1891 . . .	73 81	\$ 1,496 44

Warrants Drawn.

General expenses of city dredger . . \$	1,401 27	
Warrants outstanding Dec. 31, 1890 .	33 31	\$ 1,434 58
War's paid and ret'd to Dec. 31, '91 . \$	1,422 63	
Warrants outstanding Dec. 31, 1891 .	11 95	\$ 1,434 58

LAMP FUND.

Balance in fund Dec. 31, 1890 . . . \$	289 30	
Rec'd by transfers from General fund .	40,000 00	\$ 40,289 30

Contra.

War's paid and ret'd to Dec. 31, '91 . \$	39,224 85	
Balance in fund Dec. 31, 1891 . . .	1,064 45	\$ 40,289 30

Warrants Drawn.

Lighting street lamps		\$ 40,018 81
War's paid and ret'd to Dec. 31, '91 . \$	39,224 85	
Warrants outstanding Dec. 31, '91 .	793 96	\$ 40,018 81

CITY HALL FUND.

Balance in fund Dec. 31, 1891 . . . \$	62,580 65	
Rec'd amt. collected by City Attorney	50 00	\$ 62,630 65

Contra.

Transferred to General fund \$	1,000 00	
" New City Hall fund	20,184 77	
War's paid and ret'd to Dec. 31, '91 .	41,445 88	\$ 62,630 65

Warrants Drawn.

Construction of City Hall		\$ 41,445 88
War's paid and ret'd to Dec. 31, '91 .		\$ 41,445 88

NEW CITY HALL FUND.

Rec'd by trans. from City Hall fund .		\$ 20,184 77
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Contra.

Turned over to City Hall Commission		\$ 20,184 77
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PARK FUND.

Balance in fund Dec. 31, 1890 . . . \$	126 00	
Received from former city of Albina .	50 00	\$ 176 00

Contra.

War's paid and ret'd to Dec. 31, '91 . \$	100 00	
Transferred to General fund	76 00	\$ 176 00

INTEREST FUND, (BONDED INDEBTEDNESS, PORTLAND).

Rec'd by transfer from General fund . . . \$ 5,765 00

Contra.

Coupons paid and ret'd to Dec. 31, '91 . . . \$ 5,765 00

INTEREST FUND, (WATER BONDS).

Balance in fund Dec. 31, 1890 . . . \$ 17,550 00
 Received from Water Committee . . . 35,000 00 \$ 52,550 00

Contra.

Coupons p'd and ret'd to Dec. 31, '91 . . . \$ 35,025 00
 Balance in fund Dec. 31, 1891 . . . 17,525 00 \$ 52,550 00

INTEREST FUND, (CITY HALL BONDS).

Balance in fund Dec. 31st, 1890 . . . \$ 4,375 00
 Rec'd by transfer from General fund . . . 8,750 00 \$ 13,125 00

Contra.

Interest coupons paid and returned to
 Dec. 31st, 1891 \$ 8,750 00
 Balance in fund Dec. 31st, 1891 . . . 4,375 00 \$ 13,125 00

INTEREST FUND, (BONDED INDEBTEDNESS, ALBINA).

Rec'd by transfer from General fund . . . \$ 4,500 00

Contra.

Interest coupons paid and returned to
 Dec. 31st, 1891 \$ 3,960 00
 Balance in fund Dec. 31st, 1891 . . . 540 00 \$ 4,500 00

INTEREST FUND, (BONDED INDEBTEDNESS EAST PORTLAND.

Rec'd by transfer from General fund . . . \$ 9,450 00

Contra.

Interest coupons paid and returned to
 Dec. 31, 1891 \$ 8,610 00
 Balance in fund Dec. 31, 1891 . . . 840 00 \$ 9,450 00

FIRE BADGE REDEMPTION FUND.

Rec'd from former city of E. Portland . . . \$ 100 00

Contra.

Fire badges redeemed \$ 6 00
 Balance in fund Dec. 31, 1891 . . . 94 00 \$ 100 00

GENERAL FUND, ALBINA.

Rec'd from former city of Albina . . . \$ 25,697 93

Contra.

Transferred to General fund \$ 25,697 93

BOULEVARD FUND.

Rec'd from former city of Albina . . . \$ 46,177 50

Contra.

War's paid and ret'd to Dec. 31, '91 . . . \$ 39,437 36
 Balance in fund Dec. 31, 1891 . . . 6,740 14 \$ 46,177 50

Warrants Drawn.

Construction of boulevards	\$ 39,437 36
War's paid and ret'd to Dec. 31, '91	\$ 39,437 36

GENERAL FUND, EAST PORTLAND.

Rec'd from former city of E. Portland	\$ 2 47
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Contra.

Transferred to General fund	\$ 2 47
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SURVEY DEPOSIT FUND.

Rec'd from former city of E. Portland	\$ 5 00
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Contra.

Transferred to General fund	\$ 5 00
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STREET REPAIR FUND.

Rec'd from former city of E. Portland	\$ 446 25
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Contra.

Transferred to General fund	\$ 446 25
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FIRE FUND.

Rec'd from former city of E. Portland	\$ 704 51
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Contra.

Transferred to General fund	\$ 704 51
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INDEBTEDNESS FUND, EAST PORTLAND.

Rec'd from former city of E. Portland	\$ 6,042 77
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Contra.

Transferred to General fund	\$ 6,042 77
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STREET IMPROVEMENT FUNDS.

Total balances in funds Dec. 31, '90 . \$ 13,762 91

Received from—

Collections	210,027 11	
Former city of East Portland	4,018 27	
“ “ Albina	2,399 80	
Transfers from General fund	3,555 85	\$233,763 94

Contra.

Total expenditures \$217,046 11½

Transferred to General fund 943 51

Total balances in funds Dec. 31, '91 . 15,774 31½ \$233,763 94

SEWER FUNDS.

Total balances in funds Dec. 31, '90 . \$ 1,464 45

Received from—

Collections	48,423 73	
Former city of Albina	124 95	
Transfers from General fund	104 08	\$ 50,117 21

Contra.

Total expenditures \$ 45,318 68

Transferred to General fund 769 14

Total balances in funds Dec. 31, '91 . 4,029 39 \$ 50,117 21

STREET EXTENSION FUNDS.

Total balances in funds Dec. 31, '91 . . . \$	2,558	20	
Received from collections	28,198	23 ¹ / ₂	
" Transfers from General fund	7,903	03	\$38,659 46 ¹ / ₂

Contra.

Total expenditures \$	31,536	93	
Transferred to General fund	157	00	
Total balances in funds Dec. 31, '91	6,965	53 ¹ / ₂	\$38,659 46 ¹ / ₂

STREET AND SEWER INTEREST FUND.

Balance in fund Dec. 31, 1890 . . . \$	1,149	33	
Rec'd from collections	1,072	12	\$ 2,221 45

Contra.

Warrants paid and returned \$	62	69	
Transferred to General fund	1,219	76	
Balance in fund Dec. 31, 1891	939	00	2,221 45

SUMMARY OF BALANCES IN TREASURY DEC. 31, 1891.

General fund \$	12,442	37 ¹ / ₂	
Fire Department fund	5,144	63	
Police " "	6,042	43	
Street Cleaning and Sprinkling fund	1,984	00	
East Portland Water fund	10,413	61	
Light fund	17	25	
East Side Water Expense fund	60	13	
Willamette river fund	73	81	
Lamp fund	1,064	45	
Interest fund Water bonds	17,525	00	
" " City Hall bonds	4,375	00	
" " bon'd indebt'n's Albina	540	00	
" " " " E. Portland	840	00	

Fire badge redemption fund	94	00	
Boulevard fund	6,740	14	
Street improvement fund	15,774	31 ¹ / ₂	
Sewer funds	4,029	39	
Street extension funds	6,965	53 ¹ / ₂	
Street and sewer interest fund	939	00	\$95,065 06 ¹ / ₂

STATEMENT OF RECEIPTS AND EXPENDITURES.

Total bal. in Treas. Dec. 31, 1890 \$	113,615	80	
" receipts	1,068,016	42 ³ / ₄	\$1,181,632 22 ³ / ₄

Contra.

Total expenditures \$	1,086,567	16 ¹ / ₂	
" bal. in Treas. Dec. 31, 1891	95,065	06 ¹ / ₂	\$1,181,632 22 ³ / ₄

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—			
Jan. 1, 1894 \$	10,000	00	
Sept. 1, 1894	10,000	00	
July 1, 1897	5,000	00	
May 1, 1921	250,000	00	
May 1, 1921	50,000	00	\$325,000 00

ALBINA.

Bonds due—

Aug. 1, 1910	\$ 10,000 00	
June 1, 1921	40,000 00	
June 1, 1921	50,000 00	
June 1, 1921	50,000 00	\$150,000 00

Total bonded indebtedness \$1,450,000 00

Respectfully submitted,

W. T. BRANCH,
Auditor and Clerk.

PORTLAND, OR., January 8, 1892.

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, 1891.

STREET IMPROVEMENT FUNDS.

	Bal. in Fund Dec 31, 1890	Receipts	Expenditures	Bal. in Fund Dec. 31, 1891
North 21st	\$ 47 40		\$ 47 40	\$ -----
Chapman	35 05			35 05
S. Front, Porter to Gaines A	01	948 82	948 83	-----
S. Front, Gaines to 1st Ave	25 62	9 13	34 75	-----
Hood	18 55			18 55
Taylor	14 64			14 64
North 18th	1 41			1 41
North 14th	27 67			27 67
N	15 45	233 75	245 28	3 92
8th	20		20	-----
12th	130 31		130 31	-----
R, N. 18th to N. Front Hood, Finice Caruthers D.L.C. to bridge south of Caruthers	71 16			71 16
T, N. Front to 250 ft. W. of N. 26th	186 75			186 75
N. 13th, R, to N. Front S. 2d, Sheridan to Gibbs Whitaker, S. Front to Multnomah	10 25		10 25	-----
S, N. Front to N. 27th N. 21st, B to J	188 91	107 42	296 33	-----
N. Front, S. line of F to N.W. end of N. Front S. Front, Porter to 1st ave	5 50		5 50	-----
	405 54			405 54
	12 46			12 46
	965 28	98 92	1064 20	-----
	38 98	166 11	205 09	-----
	111 25	25654 41	25351 46	414 20
	216 85		216 85	-----

STREET IMPROVEMENT FUNDS—CONTINUED.

	Bal. in Fund Dec. 31, 1890	Receipts	Expenditures	Bal. in Fund Dec. 31, 1891
Salmon, W. line W. Park to E. line 12th . . .	10 75	-----	10 75	-----
Kelly, 600 ft. N. of Gro- ver to 50 ft. N. of Abernethy	34 42	1710 98	1734 00	11 40
Curry, E. line S. 2d to W. line Multnomah .	196 92	590 83	750 00	37 75
13th, S. line Columbia to center line B	174 33	2735 88	2910 21	-----
2d and S. 2d, Montgom- ery to Sheridan . . .	486 67	13 33	500 00	-----
Wood, center line S. Front to E. line S. 4th . . .	484 73	68 93	485 59	68 07
Gaines, E. line Kelly to W. line Multnomah .	1224 75	1591 83	2703 88	112 70
Clifton, center line 13th to E. line 15th	239 40	-----	200 00	39 40
C, N. 14th to N. 18th .	41 49	396 80	438 29	-----
N. 13th, 80 ft. N. of B to 162 ft. N. of C	4 00	-----	4 00	-----
Hall, Front to Lowndale	1307 62	-----	1307 62	-----
N. 16th, S. to N. Front	708 27	1343 26	1949 74	101 79
7th and S. 7th	3423 74	1154 46	4578 20	-----
10th, Yamhill to College	91 74	1952 64	1974 41	69 97
Gibbs, S. 1st to Multnomah	9 05	830 00	839 05	-----
N. 12th, N. line B to W. line N. Front	474 00	420 86	894 86	-----
Columbia	85 23	143 01	200 00	28 24
E. ½ S. 4th	206 50	243 32	449 82	-----
Caruthers	1985 62	1926 69	3891 08	21 23
G, 22d to 23d	42 24	-----	42 24	-----
S. Front	2 20	-----	2 20	-----
H, N. 21st to N. 22d .		383 65	300 00	83 65
Sherman, Hood to S. Front		1706 16	1706 16	-----
N. 20th, B to K		5534 03	5534 03	-----
Front, Ash to Madison		1 92	1 92	-----
Sheridan, 1st to 6th . .		4611 05	4611 05	-----
H, Hall to Caruther's claim		4464 65	4464 65	-----
S. 3d, Woods to Grover		235 48	235 48	-----
N. 20th, L to Sherlock ave		7140 08	6508 12	631 96

STREET IMPROVEMENT FUNDS—CONTINUED.

	Bal. in Fund Dec. 31, 1890	Receipts	Expenditures	Bal. in Fund Dec. 31, 1891
Kelly		301 69	301 69	-----
N. ½ K		121 20	121 20	-----
Mill, Front to Water . .		412 82	400 00	12 82
Third ave		5890 51	5890 51	-----
Grover		491 88	482 44	9 44
Mill, 15th to 16th		632 95	632 95	-----
L		2612 58	2593 62	18 96
G, N. 19th to N. 20th . .		30	30	-----
F, N. 19th to N. 23d . . .		1869 49	1869 49	-----
Hood, Marquam Gulch to Grover		3130 65	3042 15	88 50
Sheridan, Center to W. line S. 1st		57 93	57 93	-----
N. 21st, S to U		404 45	404 45	-----
King, B to W. Main		2623 22	2623 22	-----
11th, Hall to Mont'y . . .		2004 70	1997 56	7 14
13th, College to Haw- thorne		5722 63	5575 05	147 58
5th, (grading)		275 00	-----	275 00
18th, Clinton to Powell Valley Road		2223 72	2181 42	42 30
Williams Ave., Grant to Going		8279 33	8000 00	279 33
H, E. to W. end		8987 82	8086 08	901 74
N, 5th to 20th		82 64	82 64	-----
16th, Holladay to Haw- thorne Ave		59 81	59 81	-----
N, 5th to 20th (crosswalks)		40 13	40 13	-----
O, 5th to 14th		13 40	13 40	-----
15th, D to J		10 35	8 26	2 09
12th, D to center line Hawthorne Ave		19 99	19 99	-----
4th, N. end 4th bridge to N. line city		17 04	17 04	-----
A, 1st to 6th		61 66	17 20	44 46
M, 4th to 12th		43 16	-----	43 16
6th, L to Adams		3 19	3 19	-----
U, 7th to Water		498 75	498 75	-----
Clinton, 12th to 21st . . .		845 85	783 12	62 73
Williams, Cherry to N. line city		677 92	677 66	26

STREET IMPROVEMENT FUNDS—CONTINUED.

	Bal. in Fund Dec. 31, 1890	Receipts	Expenditures	Bal. in Fund Dec. 31, 1891
9th, D to L	2254 56		2249 35½	5 20½
West Main, Chapman to Stout		924 82	821 57	103 25
G, E. to W. end	8594 70		8476 70	118 00
Catharine	718 22		718 22	-----
5th, C to I	588 69		588 69	-----
Clay, 4th to E. line city	91 20		86 40	4 80
D, 9th to 12th	4 38		4 38	-----
U, 7th to 12th	53 25		53 25	-----
Lownsdale, Morrison to Taylor	735 30	735 30		-----
5th, N. line city to A . .	1059 65½	1059 30		35½
Sellwood, Helm to Wil- liams Ave	612 10	400 85		211 25
Santa Cruz	211 86	211 86		-----
5th, Oak to D	1635 64	1417 45		218 19
5th, K to Ellsworth . .	8497 39½	8113 60		383 79½
Columbia, 13th to 14th F, Multnomah to Kill- ingsworth Ave	2786 54	2781 04		5 50
Beach, Margarete to Miss. Ave	4500 39	4432 81		67 58
Myrtle, 13th to 19th . .	1729 63	1384 61		345 02
17th, Spring to Carter Page, Williams to Gaines Ave	724 23	658 72		65 51
San Diego	461 85	327 40		134 45
Clay, 4th to 3d	772 58	710 16		62 42
O, 14th to 16th	857 00	857 00		-----
H, 13th to 18th	844 33	831 44		12 89
13th, D to J	1854 77	1654 14		200 63
16th, Jackson to Spring Spring, Lownsdale to 15th	2489 15	2407 01		82 14
3d, A to N. line city . .	1106 75	958 12		148 63
Elliott, Helm to William Ave	922 66	395 28		527 38
Cherry, 1st to 6th	10 18	10 18		-----
N. 16th, G to bridge bet. M and N	1125 76	893 56		232 20
B, N. 22d to Green property	752 17	664 64		87 53
	1694 08	1671 28		22 80
	1671 26	1667 51		3 75

STREET IMPROVEMENT FUNDS—CONTINUED.

	Bal. in Fund Dec. 31, 1890	Receipts	Expenditures	Bal. in Fund Dec. 31, 1891
N. 17th, M to P		443 43	240 17	203 26
Washington, 2d to B . . .	34150 59		34076 49	74 10
C, 2d to Cherry	1089 07		1034 41	54 66
Baker, S. 3d to S. 4th . .	432 90		315 75	117 15
1st, Salmon to Madison E. ½ 1st, N. to S. line Madison	3629 45		3300 00	329 45
Porter, Hood to S. 2d . . .	371 38	200 00		171 38
N. 17th, G to S	3244 77	1276 09		1968 68
Goldsmith, Russell to Mont'y slough	2458 18	595 01		1863 17
3d, N. line city to Maple N. 22d, J to P	2415 32	2407 57		7 75
L, N. 21st to N. 22d . . .	3294 99	1705 44		1589 55
14th, Myrtle to Elizabeth Pacific, 100 ft E. of Ma- ple to 12th	967 71	800 00		167 71
	426 05	329 74		96 31
	148 29	-----		148 29
	1568 99	-----		1568 99

SEWER FUNDS.

	Bal. in Fund Dec. 31, 1890	Receipts	Expenditures	Bal. in Fund Dec. 31, 1891
15th, Market and 14th . .	182 28	81 00	-----	263 28
S, N. 23d to N. 27th . . .	88 30	33 50	121 80	-----
Taylor and 14th, Pacific to sewer N. Morrison Corbett and Hood, Por- ter to Sheridan	43 50	56 50	100 00	-----
I, N. 22d to N. 20th . . .	22 22	77 78	100 00	-----
R and N. 13th	17 24	76 50	93 74	-----
G, N. 22d to N. 23d . . .	102 51	279 52	382 03	-----
Grant	13 10	-----	13 10	-----
S. 4th, Sheridan to Mar- quam Gulch	243 60	148 00	391 60	-----
U, 18th to 14th	139 00	251 00	100 00	290 00
N. 9th, 90 ft. N. of Stark to B	602 50	1383 65	1986 15	-----
T, N. 14th and U	10 20	229 10	200 00	39 30
P	405 00	270 40		134 60
N. 20th	8460 28	7883 65		576 63
Madison	307 00	300 00		7 00
	260 00	260 00		-----

SEWER FUNDS—CONTINUED

	Bal. in Fund Dec. 31, 1890	Receipts	Expenditures	Bal. in Fund Dec. 31, 1891
Johnson Creek		87 08	87 08	-----
12th and Market	4402 56		4402 56	-----
Ella	332 30		312 72	19 58
Clay	1113 93		929 75	189 18
Montg'y, 12th to 13th 13th	1027 84		1027 84	-----
N	44 50			44 50
N	5108 06		5108 06	-----
S. Third	841 45		800 00	41 45
M	1766 78		1705 80	60 98
Clay, 15th to 14th	440 91		419 51	21 40
Mill, 12th to 13th	554 34		554 34	-----
O	1202 61		1202 61	-----
Jefferson	496 79		496 79	-----
13th and Jefferson	1445 82		1444 95	87
Harding	841 15		600 00	241 15
Chapman, Mitchell to Stark	1149 00		933 50	215 50
I, N. 22d to N. 23d	500 64		500 00	64
9th, College to Jackson N. 8th	344 20		293 60	50 60
Margaretta Ave., Mor- ris to Russell	671 08		671 08	-----
11th, Montg'y to Mark't Chapman, W. Madison to Tanner Creek	200 35	135 67		64 68
Rodney Ave., Sellwood to Russell	538 46	478 85		59 61
Knott, 125 ft. W. of Marg. Ave. to Rodney Ave. Front & S. Front St	387 40	266 30		121 10
H, N. 22d to N. 23d	335 40			335 40
Clay, 3d to 6th	754 46	713 86		40 60
Sellwood, Rodney to Williams Ave	573 63	400 00		173 63
Vancouver Ave., Elliott to Russell	1358 17	1357 00		1 17
T, N. 26th to N. 20th	50 50			50 50
Columbia, 12th to 14th L, N. 22d to N. 20th	655 50	300 00		355 50
Q	1634 50	1300 00		334 50
	709 14	650 00		59 14
	1961 90	1800 00		161 90
	4493 78	4493 78		-----

STREET EXTENSION FUNDS.

	Bal. in Fund Dec. 31, 1890	Receipts	Expenditures	Bal. in Fund Dec. 31, 1891
B	5 00			5 00
N. 21st E to I	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	694 00		23 00	671 00
U, N. 24th to N. 27th . Heights Terrace, laying out and establishing	115 20	27 00	142 20	-----
V, westerly to Northern ex. W. line N. 27th	325 00	50 00		375 00
N. 22d	594 00	13514 00	13689 50	418 50
14th		2245 20	2245 20	-----
N. ½ Mill		7461 08	7461 08	-----
Street upon and along Cornell Co. Road		5525 00	5525 00	-----
Russell (widening)		2607 95	2607 95	-----
X		149 50		149 50
S. 6th		138 00		138 00
L, N. 22d to Cornell Road		435 00		435 00
Clinton (widening)		3414 70		3414 70
4th, Goldsmith to Has- salo		38 00		38 00
		495 83½		495 83½

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—Situates 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—Situates 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 the 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. $\frac{1}{2}$ A, purchased March 26, 1884, for improvement of Tenth street.

Lot 2 in N. $\frac{1}{2}$ 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. 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. 1/2 lot 4, S. 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 . .	Holladay's 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 . . . . .	. .	" " "

Blocks No. 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 2nd 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 ice water tank and tumbler.
 1 bid-box, padlock and key.
 1 city seal.
 1 map city of Portland, 1882.
 1 map city of Portland, 1889.
 1 map county of Multnomah.
 1 three-jet chandelier.

1 spittoon.
 1 office desk.
 1 ink stand.
 1 map city of Albina, 1891.
 1 gas lamp and rubber tubing.
 1 letter scale.
 1 city directory, 1891.

AUDITOR'S OFFICE, PROPER.

1 Tilton & McFarland safe, old.
 1 large Hall's safe.
 1 small Webb safe.
 1 large secretary with box compartments and drawers.
 1 pair shears.
 4 spittoons.
 2 three-jet chandeliers.
 2 two-jet chandeliers.
 4 gas lamps and rubber tubing.
 3 waste baskets.
 3 rotary office chairs, cushioned.
 1 small walnut table.
 1 book rack.
 1 office desk, folding top.
 3 office desks, common.
 3 arm rests.
 5 ink stands.
 1 Seth Thomas calendar clock.
 1 feather duster.
 1 puncher.
 1 step ladder.
 1 unabridged dictionary.
 5 office tables.

1 map case, solid oak.
 1 large pine case with compartments.
 1 tax roll case.
 1 walnut case with box compartments and drawers.
 1 walnut side case with pigeon holes and compartments.
 1 high desk.
 1 City seal.
 4 coal stoves and fixtures.
 1 Remington typewriter.
 1 book rest.
 3 oak chairs.
 3 cane seated chairs.
 6 cane seated stools.
 1 walnut hat and umbrella rack.
 1 newspaper file.
 1 high oak bottom stool.
 1 wooden "T" square.
 1 thread cabinet.
 4 body Brussels carpets.
 9 ballot boxes.
 103 record boxes.

MAYOR'S OFFICE.

1 three-jet chandelier.
 2 spittoons.
 1 two-jet chandelier.
 1 easy chair.
 1 coal stove and fixtures.
 1 sofa.

1 walnut upholstered easy chair.
 1 ink stand.
 1 folding secretary.
 7 upholstered walnut chairs.
 1 body Brussels carpet.
 1 rug.

COMMITTEE ROOM A.

1 committee table.
 8 committee chairs.
 6 oak chairs.
 3 ordinance books, codified 1886.
 1 coal stove and fixtures.
 1 two-jet gas chandelier.

4 spittoons.
 1 hat and umbrella rack.
 1 map city of Portland, 1882.
 1 feather duster.
 1 lobby bench.

COMMITTEE ROOM B.

1 committee table.
 8 cane seated chairs.

1 coal stove and fixtures.
 1 two-jet chandelier.

COUNCIL CHAMBER.

1 coal stove and fixtures.
 5 lobby benches, cushioned.
 1 lobby railing.
 2 hat racks.
 1 body Brussels carpet.
 4 four-jet gas chandeliers.
 16 council chairs.
 16 council desks.
 1 clerk of council table with two chairs.
 11 spittoons.
 1 sergeant-at-arms chair.
 1 marble top pitcher table with pitcher.
 1 oak table with pitcher.

2 umbrella racks.
 5 cane seated oak chairs.
 1 mayor's seat and table, with gavel and Cushing's Rules of Order and codified ordinances of 1886.
 1 canopy.
 1 picture of Washington and his Generals.
 1 reporter's table with gaslight, 3 chairs, 3 spittoons and umbrella rack.
 16 portfolio books.
 11 ink stands.
 83 record books.
 3 black walnut cane seated chairs.

FIRST QUARTERLY REPORT

—OF—

FRANK HACHENEY, CITY TREASURER,

—FOR—

QUARTER ENDING MARCH 31ST. 1891.

Balance as per report Dec. 31, 1890	\$113,615	27
Received from all sources	235,837	91
Disbursed the sum of	\$152,068	57
Leaving a balance in the Treasury of	197,384	61
	\$349,453	18
	\$349,453	18

GENERAL FUND.

Balance per last report, Dec. 31, 1890	933	97
Received from general licenses	38,764	35
2 mills on \$160,581.80 city tax 1891	32,116	36
A. H. Tanner, Police Judge, fines and costs police court	5,093	00
Dog licenses	76	50
W. Myers, pound money	7	50
S. B. Parrish, Chief of Police, costs improvement S street	2	00
D. J. Bridgeford, del. tax 1887	16	00
W. Myers, pound money	17	50
S. B. Parrish, Chief of Police, costs I street sewer	4	90
M. B. Rankin, by Williams & Wood delinquent tax 1886	10	00
<i>Amount carried forward</i>	\$ 77,042	08

<i>Amount brought forward</i>	\$ 77,042 08
S. B. Parrish, Chief of Police, costs S street sewer	7 45
Alice Kraft, delinquent tax 1886 . .	2 50
“ “ “ “ 1887 . .	2 50
P. L. Willis, costs Viewers extension North 25th street	44 00
S. B. Parrish, Chief of Police, costs sewer in T, N. 14th and N sts . .	2 00
S. B. Parrish, Chief of Police, costs improvement A street	2 92
W. Myers, pound money	45 00
S. B. Parrish, Chief of Police, costs improvement Curry street . . .	17 00
S. B. Parrish, Chief Police costs impt. Gibbs street	4 00
S. B. Parrish, Chief Police costs impt. Gibbs street	2 75
S. B. Parrish, Chief Police costs sewer R, N. 13th streets	7 70
S. B. Parrish, Chief Police costs impt. N. Front street	27 10
T. B. Ashley, delinquent tax, 1890 .	6 00
W. Myers, dogs redeemed	13 00
W. S. Chapman, 12 lamps sold . . .	36 00
W. Myers, pound money	12 50
S. B. Parrish, Chief Police costs impt. N. 12th street	3 90
S. B. Parrish, Chief Police, costs impt. 10th street	5 50
B. H. Bowman delinquent tax 1890 .	36 30
C. A. Spafford, by Jenkins, delinquent tax 1890	25 00
<i>Amount carried forward</i>	\$ 77,345 20

<i>Amount brought forward</i>	\$ 77,345 20
S. B. Parrish Chief Police, costs sewer Corbett and Hood streets . . .	15 50
S. B. Parrish, Chief Police, costs impt. 7th and S. 7th streets	19 20
Transferred from Park fund	26 00
“ “ City Hall fund . .	1,000 00
“ “ Street and Sewer interest fund	863 12
Transferred to Street Lamp fund . .	7,000 00
“ “ Sewer fund	14 50
“ “ Street Cleaning and Sprinkling fund . .	7,000 00
Transferred to Fire Department fund	13,000 00
“ “ Police fund	4,000 00
Warrants paid and returned	17,983 30
Balance on hand	30,271 22
	<u>\$79,269 02</u> <u>\$79,269 02</u>

FIRE DEPARTMENT FUND

Balance per report Dec. 31, 1890 . .	15
Transferred from General fund . . .	13,000 00
3½ mills on \$160,581.80 tax 1891 .	56,203 63
Warrants paid and returned	28,016 20
Balance on hand	41,187 58
	<u>\$69,203 78</u> <u>\$69,203 78</u>

POLICE DEPARTMENT FUND.

Balance per report Dec. 31, 1890 . .	8,325 01
Transferred from General fund . . .	4,000 00
3½ mills on \$160,581.80 tax 1891 .	56,203 63
Warrants paid and returned	\$24,480 99
Balance on hand	44,047 65
	<u>\$ 68,528 64</u> <u>\$ 68,528 64</u>

STREET CLEANING AND SPRINKLING FUND.

Balance per report Dec. 31, 1890	3 86	
Transferred from General fund	7,000 00	
1 mill on \$160,581.80 tax 1891	16,058 18	
Received from S. Farrell	50 00	
Warrants paid and returned	5,827 19	
Balance on hand	17,284 85	
	<u>\$23,112 04</u>	<u>\$23,112 04</u>

STREET IMPROVEMENT FUND.

Balance per report Dec. 31, 1890	13,762 91	
Received from sundry collections	20,688 24	
Warrants paid and returned	26,516 26	
Balance on hand	7,934 89	
	<u>\$34,451 15</u>	<u>\$34,451 15</u>

SEWER FUND.

Balance per report Dec. 31, 1890	1,464 45	
Transferred from General fund to Taylor and 14th street sewer	14 50	
Received from sundry collections	9,934 60	
Warrants paid and returned	6,960 46	
Balance on hand	4,453 09	
	<u>\$11,413 55</u>	<u>\$11,413 55</u>

STREET EXTENSION FUND.

Balance per report Dec. 31, 1890	2,558 20	
Received from sundry collections	58 05	
Warrants paid and returned	142 20	
Balance on hand	2,474 05	
	<u>\$ 2,616 25</u>	<u>\$ 2,616 25</u>

STREET SEWER AND INTEREST FUND.

Balance per report Dec. 31, 1890		1,149 33
Received from sundry collections		145 65
Transferred to General fund	863 12	
There has been disbursed the sum of	5 36	
Balance on hand	426 50	
	<u>\$ 1,294 98</u>	<u>\$ 1,294 98</u>

STREET LAMP FUND.

Balance per report Dec. 31, 1890		289 30
Transferred from General fund		7,000 00
Warrants paid out and returned	7,041 30	
Balance on hand	248 00	
	<u>\$ 7,289 30</u>	<u>\$ 7,289 30</u>

CITY HALL FUND.

Balance per report Dec. 31, 1890		62,580 65
Received from W. H. Adams, removing obstructions from City Hall block		50 00
Transferred to General fund	1,000 00	
Warrants paid and returned	12,855 25	
Balance on hand	48,775 40	
	<u>\$62,630 65</u>	<u>\$62,630 65</u>

CITY PARKS FUND.

Balance per report Dec. 31, 1890		126 00
Transferred to General fund	26 00	
Warrants paid and returned	100 00	
	<u>\$ 126 00</u>	<u>\$ 126 00</u>

WILLAMETTE RIVER FUND.

Balance per report Dec. 31, 1890		496 44
Warrants paid and returned	240 06	
Balance on hand	256 38	
	<u>\$ 496 44</u>	<u>\$ 496 44</u>

WATER BOND INTEREST FUND.

Balance per report Dec. 31, 1890		17,550 00	
Coupons paid and returned	17,525 00		
Balance on hand	25 00		
		<u> </u>	<u> </u>
	\$17,550 00		\$17,550 00

CITY HALL BOND INTEREST FUND.

Balance per report Dec. 31, 1890		\$ 4,375 00	
Coupons paid and returned	\$ 4,375 00		
		<u> </u>	<u> </u>
	\$ 4,375 00		\$ 4,375 00

SUMMARY OF BALANCES.

Total balance on hand as stated		\$197,384 61	
Credited to the several funds as follows:			
General fund	\$ 30,271 22		
Fire Department fund	41,187 58		
Police Department fund	44,047 65		
Street Cleaning & Sprinkling fund	17,284 85		
Street Improvement fund	7,934 89		
Sewer fund	4,453 09		
Street Extension fund	2,474 05		
Street Lamp fund	248 00		
City Hall fund	48,775 40		
Willamette River fund	256 38		
Street and Sewer Interest fund	426 50		
Water Bond Interest fund	25 00		
		<u> </u>	<u> </u>
	\$197,384 61		\$197,384 61

STREET IMPROVEMENT FUND.

The balance in this fund as stated is: \$ 7,934 89
Credited as follows:

R street	\$ 186 75
North 14th street	15 45
Chapman street	35 05
N street	20
S. Front street, Porter to Gaines	01
Hood street, N. line of Caruthers to Caruthers street bridge	10 25
A street	75
S. Front street, Gaines to 1st ave.	18 55
Hood street (old)	14 64
Taylor street, 10th to 14th	1 41
N. 18th street	27 67
Whitaker street	12 46
T street	38 99
N. 13th street, R to N. Front	5 50
S. 2d street	405 54
Salmon street	10 75
12th street	71 16
8th street	130 31
2d and S. 2d street	486 67
Clifton street	39 40
N. 13th street, B to D	4 00
Wood street	530 26
Kelly street	34 42
13th street, Columbia to B	174 33
Hall street	1,307 62
C street	72 69
Curry street	255 86
N. 12th street	58 87
Gibbs street	13 50
Tenth street	169 97
Gaines street	1,224 75
N. 21st street, J to County road	47 40
N. 21st street, B to J	5 09
Amount carried forward	\$ 5,410 27

<i>Amount brought forward</i>	\$ 5,410 27
S. Front st., 1st ave. to City bnd'y	2 20
7th and S. 7th streets	14 90
Columbia street	85 23
Caruthers street	128 26
E. 1/2 S. 4th street	1 50
N. Front street	645 16
North 16th street, S to N. Front	329 35
Sheridan street	188 66
Sherman street	156 56
N. 20th street	653 80
8th street	194 16
N. 1/2 K street	2 00
S. 3d street, Woods to Grover .	122 84
	<hr/>
	\$ 7,934 89 \$ 7,934 89

SEWER FUND.

The balance in this fund as stated is: \$ 4,453 09

Credited as follows:—

I street sewer, 20th to 22d . . .	\$ 12 00
Taylor and 14th street sewer . .	58 00
Johnson Creek sewer	39 83
S street sewer, 23d to 27th . . .	13 30
15th and Market street sewer . .	182 28
G street sewer, 22d to 23d . . .	13 10
R and N. 13th street sewer . . .	6 59
T, N. 14th and U street sewer .	179 60
S. 4th street sewer	96 50
U street sewer	45 00
N. 9th street sewer	33 35
P street sewer	2,242 77
Clay street sewer	400 67
12th and Market street sewer . .	1,067 60
Ella street sewer	62 50
	<hr/>
	\$ 4,453 09 \$ 4,453 09

STREET EXTENSION FUND.

The balance in this fund as stated is: \$ 2,474 05

Credited as follows:—

B street extension	5 00
North 22d street extension . . .	5 00
North 21st street extension . . .	30 00
Hood street extension	757 00
3d and N streets extension . . .	25 00
North Frst street extension . . .	8 00
V street extension	594 00
Heights terrace extension	325 00
North 22d street extension . . .	31 05
W street extension	694 00
	<hr/>
	\$ 2,474 05 \$ 2,474 05

STREET AND SEWER INTEREST FUND.

The balance in this fund as stated is: \$ 426 50

Credited as follows:—

R and N. 13th street sewer . . .	9 40
G street sewer	89
T, N. 14th and U street sewer .	2 31
South 4th street sewer	10
I street sewer	5 25
S street sewer	2 70
U street sewer	15
Johnson Creek sewer	3 37
P street sewer	45
Hood and Corbett street sewer .	6 00
Kelly street improvement	4 15
13th street improvement	34 22
Hall street improvement	49 39
Clifton street improvement . . .	7 73
<i>Amount carried forward</i>	\$ 126 11

<i>Amount brought forward</i>	\$	126	11
North 13th street improvement		6	26
2d and south 2d street impt		11	31
Salmon street improvement		3	30
South 2d street improvement		14	76
North 16th street improvement		13	23
T street improvement		8	07
Whitaker street improvement		3	64
South Front street improvement		11	15
North Front street improvement		99	31
North 21st street improvement		12	92
S street improvement		3	82
10th street improvement		19	58
Gibbs street improvement		15	84
Curry street improvement		7	56
North 12th street improvement		10	10
Heights terrace, extension		1	10
C street improvement		8	56
Wood street improvement		4	11
7th and S. 7th streets improvement		13	31
North 14th street improvement		23	79
Hood street improvement		1	10
8th street improvement		1	24
Caruthers street improvement			44
A street improvement			90
Sheridan street improvement			73
E ½ S. 4th street improvement		2	66
U street extension		1	60
	\$	426	50
	\$	426	50

All of which is respectfully submitted.

FRANK HACHENEY,
City Treasurer.

SECOND QUARTERLY REPORT

—OF—

FRANK HACHENEY, CITY TREASURER,

—FOR—

QUARTER ENDING JUNE 30TH, 1891.

Balance in Treasury, per report March 31, 1891	\$197,384	61
Received since, from all sources	182,334	88
There has been disbursed the sum of . \$193,284 77		
Leaving balance in the Treasury of . 186,434 72		
	\$379,719	49
	\$379,719	49

GENERAL FUND.

Balance as per report March 31, 1891	\$ 30,271	22
General licenses	39,972	75
Dog licenses	115	50
2 mills on \$60,287.45 tax 1891	12,057	49
A. H. Tanner, Police Judge, fines and costs of Police Court	3,817	90
W. Myers, pound money	17	50
S. B. Parrish, Chief of Police, costs improvement Columbia street	3	00
E. Heitkemper, del. tax, 1883-86-87-88	7	75
J. H. Price by R. A. Duport, del. tax 1887	2	25
J. H. Price by R. A. Duport, del. tax 1883	2	70
<i>Amount carried forward</i>	\$ 86,268	06

<i>Amount brought forward</i>	\$ 86,268 06
W. Myers, pound money	35 00
Eugene Perlot, del. tax, 1887	27 00
“ “ “ 1877	2 25
H. Y. Thompson “ 1887	2 50
S. B. Parrish, Chief of Police, costs improvement C street	18 85
S. B. Parrish, Chief of Police, costs improvement North 16th street . . .	54 80
W. Myers, pound money	36 00
Ruth Cohen, delinquent tax, 1887 . .	18 00
W. Myers, pound money	25 00
Jno. West, by Maloney, del. tax, 1876- 77	8 70
Transferred to—	
14th street Extension fund . . . \$	7,170 08
Proposed st. along Cornell road . . .	500 00
Willamette River fund	900 00
Street Lamp fund	10,000 00
Bonded indebtedness Int. fund . . .	2,882 50
City Hall bond, Interest fund . . .	4,375 00
13th street Improvement fund . . .	1,535 88
N½ Mill street Extension fund . . .	100 00
Kelly street Improvement fund . . .	1,071 15
S. Front street Impt. fund	948 82
S. 3d street sewer	49 58
Warrants paid and returned	24,424 88
Balance on hand	32,538 27
	<hr/>
	\$ 86,496 16 \$ 86,496 16

FIRE DEPARTMENT FUND.	
Balance as per report March 31, 1891	\$ 41,187 58
Tax 1891, 3½ mills on \$60,287.45 . .	21,100 61
Received from—	
Chief Morgan, sale of 2 horses	160 00
Geo. L. Story, returned premiums insurance	57 70
J. B. Sinnott, sale of brick, tent, 1 certificate	74 00
Warrants paid and returned	\$ 25,257 88
Balance on hand	37,322 01
	<hr/>
	\$ 62,579 89 \$ 62,579 89

POLICE DEPARTMENT FUND.	
Balance as per report March 31, 1891	\$ 44,047 65
Tax 1891, 3½ mills on \$60,287.45 . .	21,100 61
Warrants paid and returned :	\$ 17,738 35
Balance on hand	47,409 91
	<hr/>
	\$ 65,148 26 \$ 65,148 26

STREET CLEANING AND SPRINKLING FUND.	
Balance as per report March 31, 1891	\$ 17,284 85
Tax 1891, 1 mill on \$60,287.45 . . .	6,028 74
Warrants paid and returned	\$ 18,476 43
Balance on hand	4,837 16
	<hr/>
	\$ 23,313 59 \$ 23,313 59

STREET IMPROVEMENT FUND.	
Balance as per report March 31, 1891	\$ 7,934 89
Transferred from—	
General fund to 13th street Impt. fund	1,535 88
<i>Amounts carried forward</i>	\$ 9,470 77

Amounts brought forward . . .	\$ 9,470 77	
General fund to Kelly street Impt. fund	1,071 15	
General fund to S. Front street Improvement fund	948 82	
Received from sundry collections . .	37,028 35	
Warrants paid and returned \$	38,425 91	
Balance on hand	10,093 18	
	<u>\$ 48,519 09</u>	<u>\$ 48,519 09</u>

SEWER FUND.

Balance as per report March 31, 1891	\$ 4,453 09	
Received from sundry collections . .	17,428 11	
Transferred from General fund to S. 3d street Sewer fund	49 58	
Warrants paid and returned \$	18,654 92	
Balance on hand	3,275 86	
	<u>\$ 21,930 78</u>	<u>\$ 21,930 78</u>

STREET EXTENSION FUND.

Balance as per report March 31, 1891	\$ 2,474 05	
Transferred from—		
General fund to 14th street exten- sion fund	7,170 08	
General fund to proposed street along Cornell road	500 00	
General fund to N $\frac{1}{2}$ Mill street extension fund	100 00	
Received from sundry collections . .	5,376 95	
Warrants paid and returned \$	8,296 73	
Balance on hand	7,324 35	
	<u>\$ 15,621 08</u>	<u>\$ 15,621 08</u>

STREET LAMP FUND.

Balance as per report March 31, 1891	\$ 248 00	
Transferred from General fund . . .	10,000 00	
Warrants paid and returned \$	9,585 44	
Balance on hand	662 56	
	<u>\$ 10,248 00</u>	<u>\$ 10,248 00</u>

CITY HALL FUND.

Balance as per report March 31, 1891	\$ 48,775 40	
Warrants paid and returned \$	28,590 63	
Balance on hand	20,184 77	
	<u>\$ 48,775 40</u>	<u>\$ 48,775 40</u>

WILLAMETTE RIVER FUND.

Balance as per report March 31, 1891	\$ 256 38	
Transferred from General fund . . .	900 00	
Warrants paid and returned \$	911 04	
Balance on hand	245 34	
	<u>\$ 1,156 38</u>	<u>\$ 1,156 38</u>

WATER BOND INTEREST FUND.

Balance as per report March 31, 1891	\$ 25 00	
Received from City Water committee	17,500 00	
Balance on hand	17,525 00	
	<u>\$ 17,525 00</u>	<u>\$ 17,525 00</u>

STREET AND SEWER INTEREST FUND.

Balance as per report March 31, 1891	\$ 426 50	
Received from sundry collections . .	254 87	
There has been disbursed \$	40 06	
Balance on hand	641 31	
	<u>\$ 681 37</u>	<u>\$ 681 37</u>

BONDED INDEBTEDNESS INTEREST FUND.

Transferred from General fund	\$ 2,882 50	
Coupons paid and returned	\$ 2,882 50	
	<u>\$ 2,882 50</u>	<u>\$ 2,882 50</u>

CITY HALL BOND INTEREST FUND.

Transferred from General fund	\$ 4,375 00	
Balance on hand	\$ 4,375 00	
	<u>\$ 4,375 00</u>	<u>\$ 4,375 00</u>

SUMMARY OF BALANCES.

Total balances on hand as stated . . \$186,434 72
Credited to the several funds as follows:—

General fund	\$ 32,538 27	
Fire Department fund	37,322 01	
Police Department fund	47,409 91	
Street Cleaning Sprinkling fund	4,837 16	
Street Improvement fund	10,093 18	
Sewer fund	3,275 86	
Street Extension fund	7,324 35	
Street Lamp fund	662 56	
City Hall fund	20,184 77	
Willamette River fund	245 34	
Water bond Interest fund	17,525 00	
Street and Sewer Interest fund	641 31	
City Hall bond Interest fund	4,375 00	
	<u>\$186,434 72</u>	<u>\$186,434 72</u>

STREET IMPROVEMENT FUND.

Balance in this fund as stated . . . \$ 10,093 18

Credited as follows:—

R street	\$ 186 75	
Chapman street	35 05	
N. 14th street	15 45	
N street	20	
S. Front street, Porter to Gaines	01	
Hood street, car line to car street bridge	10 25	
A street	75	
S. Front street, Gaines to 1st Ave	18 55	
Hood street, old	14 64	
Taylor street	1 41	
N. 18th street	27 67	
Whitaker street	12 46	
T street	38 99	
N. 13th, R to N. Front	5 50	
South 2d street	405 54	
Salmon street	10 75	
12th street	71 16	
8th street	26 21	
Clifton street	39 40	
N. 13th street, B to D	4 00	
Kelly street	771 57	
13th street	346 66	
Hall street	40 00	
C street	53 65	
Curry street	37 75	
N. 12th street	58 87	
Gibbs street	13 50	
Sheridan street, cen. 1st to west line 1st	22 40	
Amounts carried forward	<u>\$10,093 18</u>	<u>\$ 2,269 13</u>

<i>Amounts brought forward</i> . . .	\$10,093 18	\$ 2,269 13
10th street		69 97
Gaines street		1,458 15
2d and S. 2d streets		486 67
N. 21st street, J to County road		47 40
N. 21st street, B to J		5 09
S. Front str. 1st ave. to city bdy		2 20
7th and S. 7th streets		14 90
Columbia street		20 74
Caruthers street		63 31
E. 1/2 S. 4th street		1 50
N. Front street	1,901 04	
N. 16th street, S to N. Front		43 00
Sheridan street, 1st to 6th		177 82
Sherman street		156 56
N. 20th street, B to K		16 56
8th street		392 45
N. 1/2 K street		2 00
S. 3d street, Woods to Grover		101 75
Woods street		284 81
Grover, Hood to Front		9 44
Front, Ash to Madison		1 92
L street	1,041 68	
Mill street, 15th to 16th		208 33
Mill street, Front to Water		112 82
F street		233 51
Hood street		302 35
H street		83 95
Kelly street, 2d ave. to 155 ft. N.		193 82
King street		187 20
N. 21st street, S to U		203 10
	<u>\$ 10,093 18</u>	<u>\$ 10,093 18</u>

SEWER FUND.

Balance in this fund as stated	\$ 3,275 86
Credited as follows:—	
I street sewer, 20th to 22d	12 00
Johnson Creek sewer	53 33
S street sewer, 23d to 27th	13 30
15th, Market and 14th str. sewer	182 28
G street sewer, 22d to 23d	13 10
R and N. 13th streets sewer	82 03
T, N. 14th and U streets sewer	79 60
South 4th street sewer	130 00
U street sewer	10 00
N. 9th street sewer	39 30
P street sewer	285 93
Clay street sewer, 120 ft. W. of 12th to 14th	157 48
12th and Market street sewer	79 87
Ella street sewer	169 58
Montgomery street sewer	39 74
N street sewer	41 34
S. 3rd street sewer	412 95
Q street sewer	312 98
Clay street sewer	172 66
M street sewer	837 09
L street sewer	151 30
	<u>\$ 3,275 86</u> <u>\$ 3,275 86</u>

STREET EXTENSION FUND.

Balance in this fund as stated	\$ 7,324 35
Credited as follows:—	
14th street extension	157 00
B street extension	5 00
N. 22d street extension	5 00
N. 21st street extension	30 00
Hood street extension	757 00
<i>Amounts carried forward</i>	<u>\$ 7,324 35</u> <u>\$ 954 00</u>

Amounts brought forward . . . \$	7,324 35	\$	954 00
3rd and N. 3rd street extension			25 00
N. 1st street extension			8 00
V street extension			594 00
Heights Terrace street extension			325 00
N. 22d street extension			591 30
N. 1/2 Mill street extension			1,812 00
Proposed str. along Cornell road			2,342 05
W street extension			673 00
	\$ 7,324 35	\$	7,324 35

STREET AND SEWER INTEREST FUND.

Balance in this fund as stated . . . \$ 641 31

Credited as follows:—

R and N. 13th street sewer	15 40
G street sewer	89
T, N. 14th and U street	2 31
S. 4th street sewer	10
I street sewer, 20th to 22d	5 25
S street sewer, 23rd to 27th	2 70
U street sewer	23 00
Johnsons Creek sewer	3 37
P street sewer	5 45
Hood and Corbett street sewer	6 00
Taylor and 14th street sewer	3 35
12th and Market street sewer	19
Ella street sewer	95
Kelly street improvement	4 15
13th street improvement	87 82
Hall street improvement	49 39
Clifton street improvement	7 73
N. 13th street improvement B to D	6 26
2d and S. 2d street improvement	11 31
Salmon street improvement	3 30
S. 2d street improvement	14 76
N. 16th street improvement	13 23

Amounts carried forward . . \$ 641 31 \$ 266 91

Amounts brought forward . . . \$	641 31	\$	266 91
T street improvement			8 07
Whitaker street improvement			3 64
S. Front street improvement			11 15
N. Front street improvement			192 76
N. 21st street improvement B to J			12 92
S street impt. Front to 27th			3 82
Gibbs street improvement			15 84
Curry street improvement			11 36
N. 12th street improvement			10 10
Heights Terrace extension			1 10
C street improvement			8 56
Wood street improvement			4 11
7th and S. 7th str. improvement			13 31
N. 14th street improvement			23 79
Hood street improvement			1 10
8th street improvement			1 24
Caruthers street improvement			44
A street improvement			90
Sheridan street improvement			4 95
E 1/2 S. 4th street improvement			2 66
U street extension			1 60
Columbia street improvement			2 25
N. 20th street, B to K impt.			5 19
Mill street impt. Front to Water			1 86
Kelly street impt., 2d avenue to			
150 feet North			4 47
Grover street improvement			38
8th street impt., Hall to N. line			
Caruthers claims			3 80
Mill street impt., 15th to 16th			3 45
10th st. impt. Yamhill to College			19 58
	\$ 641 31	\$	641 31

All of which is respectfully submitted,

FRANK HACHENEY,

City Treasurer.

THIRD QUARTERLY REPORT
 —OF—
 FRANK HACHENEY, CITY TREASURER,
 —FOR—
 QUARTER ENDING SEPT. 30TH, 1891.

Balance on hand as per report June 30	\$186,434 72
Received from—	
Collections, sale of bonds, etc.	252,704 92
Treasurer, East Portland	80,793 54
“ Albina	74,585 68
There has been disbursed the sum of . \$336,450 19½	
Transferred to acc't of New City Hall	
Commission	20,184 77
Leaving a balance in the Treasury of . 237,883 89½	
	\$594,518 86
	\$594,518 86

GENERAL FUND.

Balance as per report June 30, 1891	\$ 32,538 27
Received from—	
C. H. Carey, Police Judge, fines and costs of Police Court	3,938 00
General licenses	46,703 55
Dog licenses	1,509 00
W. D. O'Regan, del. tax	2 75
Mechanics Fair, rent of bl'k 132	250 00
S J. Banfield, del. tax	5 50
H. A. Hogue, “	18 00
<i>Amount carried forward</i>	\$ 84,965 07

<i>Amount brought forward</i> . . .	\$ 84,965 07
S. B. Parrish, Chief of Police, costs, improvement of 8th st .	13 40
N. J. Paxton, del. tax and int. .	5 88
W. T. Branch, sale of desk . .	15 00
W. H. McMillen, del. tax . . .	3 63
“ “ “	4 26
W. Myers, pound money . . .	52 50
S. J. Banfield, del. tax	8 78
W. T. Branch, redemption lots 9 and 10 block 32, Albina . .	268 30
W. T. Branch, 25 per cent. of re- demption and int. on above .	113 70
S. B. Parrish, Chief of Police, Costs, imp't Santa Cruz street .	9 60
Costs, imp't Sellwood street .	28 80
Costs, sewer, Margaretta ave .	48 00
Delinquent tax, 1890, Albina .	48 72
20 per cent. \$192.43, del. tax, 1890, Albina	38 48
Maggie McMahan, del. tax . .	3 25
Andrew Kelly, del. tax	63
S. B. Parrish, costs, del. tax, 1891, Portland	119 90
S. B. Parrish, 20 per cent. del. tax, 1891, Portland	1,078 40
Mrs. J. H. Nelson, del. tax . .	3 25
J. J. Bridgeford, del. tax . . .	3 00
S. B. Parrish, Chief Police, costs, improvement of F street . . .	1 50
S. B. Parrish, Chief Police, costs, exten. N. 1/2 Mill street . . .	10 20
J. E. Lombard, del. mt'g tax . .	75
S. Hutschee, del. tax	40 00
<i>Amount carried forward</i> . . .	\$ 86,885 00

<i>Amount brought forward</i> . . .	\$ 86,885 00
Portland Trust Co., del. tax . .	9 00
Minnie Harrison, del. tax . . .	8 50
R. M. Steel, del. tax	12 75
Havelly, del. tax and int	3 85
W. Myers, pound money	105 00
Geo. E. Beck, del. tax	43 23
M. Dufresne, del. tax	5 00
N. S. Long, del. tax	1 50
W. P. Shannon, del. tax	6 25
Valencia Brown, del. tax	3 30
Lizzie Wilson, del. tax	2 75
W. Myers, pound money	83 00
Henry Saxer, del. mt'g tax . . .	10 40
M. E. Steffen, del. tax	2 60
S. B. Parrish, costs, improvement of Sherman street	9 00
W. H. Gross, del. mt'g tax and interest	169 40
J. H. Nelson, del. mt'g tax and interest	1 15
Transferred from—	
Sellwood Street Improv'mt fund	150 85
Margaretta Ave. Sewer fund . .	46 85
Albina General fund	25,697 93
East Portland, General Fund . .	2 47
Santa Cruz Street Imp't fund . .	11 86
Transferred to—	
Street Cleaning & Sprink. fund . \$ 27,000 00	
Street Lamp fund	12,000 00
Fire Department fund	15,555 00
Bonded indebtedness int., Albina	300 00
Proposed Street on Cornell Road Extension fund	132 95
Bonded indebt. int., E. Portland	300 00
Warrants paid and returned	45,521 61
Balance on hand	12,462 08
	\$113,271 64 \$113,271 64

FIRE DEPARTMENT FUND.

Balance as per report June 30, 1891	\$ 37,322 01	
Received from—		
A. J. Coffee, for house moving	17 75	
S. B. Parrish, Chief of Police—		
35 per cent. \$192.43, del. tax		
1890, Albina	67 35	
35 per cent. \$5392.00, del. tax		
1891, Portland	1,887 20	
C. Hutchins, sale of old Babcock		
Fire Extinguisher	5 00	
C. Hutchins, am't returned on		
over-paid bill	18 40	
C. Hutchins, 2 exempt fire cert.	4 00	
Transferred from General fund	15,555 00	
Warrants paid and returned	\$ 31,846 30	
Balance on hand	23,030 41	
	<hr/>	
	\$ 54,876 71	\$ 54,876 71

POLICE DEPARTMENT FUND.

Balance as per report June 30, 1891	\$ 47,409 91	
Received of S. B. Parrish, Chief Police		
35 per cent. of \$192.43 del. tax		
1890, Albina	67 35	
35 per cent. of \$5392.00 del. tax		
1891, Portland	1,887 20	
Warrants paid and returned	\$ 20,591 40	
Balance on hand	28,773 06	
	<hr/>	
	\$ 49,364 46	\$ 49,364 46

STREET CLEANING AND SPRINKLING FUND.

Balance as per report June 30, 1891	\$ 4,837 16	
Transferred from General fund	27,000 00	
Rec'd of S. B. Parrish, Chief Police—		
10 per cent. of \$192.43, del. tax		
1890, Albina	19 25	
10 per cent. of \$5392.00, del. tax		
1891, Portland	539 20	
Warrants paid and returned	\$ 23,725 19	
Balance on hand	8,670 42	
	<hr/>	
	\$ 32,395 61	\$ 32,395 61

STREET IMPROVEMENT FUND.

Balance as per report June 30, 1891	\$ 10,093 18	
Received from—		
Treasurer, East Portland	4,018 27	
Treasurer, Albina	2,399 80	
Sundry collections	66,740 93	
Transferred from—		
Sellwood Street Imp. fund	\$ 150 85	
Santa Cruz Street Imp. fund	11 86	
Warrants paid and returned	55,438 80 ¹ / ₂	
Balance on hand	27,650 66 ¹ / ₂	
	<hr/>	
	\$ 83,252 18	\$ 83,252 18

SEWER FUND.

Balance as per report June 30, 1891	\$ 3,275 86	
Received from—		
Treasurer, Albina	124 95	
Sundry collections	12,692 59	
Trans. from Margaretta av. sewer fund \$	46 85	
Warrants paid and returned	12,462 31	
Balance on hand	3,584 24	
	<hr/>	
	\$ 16,093 40	\$ 16,093 40

STREET EXTENSION FUND.

Balance as per report June 30, 1891	\$ 7,324 35	
Received from—		
Treasurer, Albina	135 50	
Sundry collections	2,089 00	
Transferred from General fund to Proposed Street on Cornell Road fund	132 95	
Warrants paid and returned	\$ 5,711 65	
Balance on hand	3,970 15	
	<u>\$ 9,681 80</u>	<u>\$ 9,681 80</u>

STREET LAMP FUND.

Balance as per report June 30, 1891	\$ 662 56	
Transferred from General fund	12,000 00	
Warrants paid and returned	\$ 5,586 27	
Balance on hand	7,076 29	
	<u>\$ 12,662 56</u>	<u>\$ 12,662 56</u>

CITY HALL FUND.

Balance as per report June 30, 1891	\$ 20,184 77	
Trans. to acc't New City Hall Com.	\$ 20,184 77	
	<u>\$ 20,184 77</u>	<u>\$ 20,184 77</u>

WILLAMETTE RIVER FUND.

Balance as per report June 30, 1891	\$ 245 34	
Warrants paid and returned	\$ 180 00	
Balance on hand	65 34	
	<u>\$ 245 34</u>	<u>\$ 245 34</u>

INTEREST FUND, (WATER BONDS).

Balance as per report June 30, 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>

INTEREST FUND (STREET AND SEWER.)

Balance as per report June 30, 1891	\$ 641 31	
Sundry collections	255 29	
Balance on hand	\$ 896 60	
	<u>\$ 896 60</u>	<u>\$ 896 60</u>

INTEREST FUND, (BONDED INDEBTEDNESS, ALBINA).

Transferred from General fund	\$ 300 00	
Balance on hand	\$ 300 00	
	<u>\$ 300 00</u>	<u>\$ 300 00</u>

BONDED INDEBTEDNESS FUND.

Rec'd from Phoenix Life Ins. Co. face, premium and accrued interest on city bonds	\$ 59,990 79	
Bonds redeemed and returned	\$ 56,500 00	
Balance on hand	3,490 79	
	<u>\$ 59,990 79</u>	<u>\$ 59,990 79</u>

INTEREST FUND, (BONDED INDEBTEDNESS, EAST PORTLAND.)

Transferred from General fund	\$ 300 00	
Coupons paid and returned	\$ 300 00	
	<u>\$ 300 00</u>	<u>\$ 300 00</u>

INTEREST FUND, (CITY HALL BONDS).

Balance as per report June 30, 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.

Trans. from E. Portland Water fund	\$ 386 90	
Received from—		
J. A. Newell, water rents	577 26	
C. Barrel, water rents	922 95	
Warrants paid and returned	\$ 1,388 55	
Balance on hand	498 56	
	<u>\$ 1,887 11</u>	<u>\$ 1,887 11</u>

SURVEY DEPOSIT FUND (EAST PORTLAND.)

Rec'd from Treasurer, E. Portland	\$	5 00	
Balance on hand	\$	5 00	
	\$	5 00	\$ 5 00

GENERAL FUND, (EAST PORTLAND.)

Rec'd from Treasurer, E. Portland	\$	2 47	
Trans. to General fund, Portland	\$	2 47	
	\$	2 47	\$ 2 47

FIRE BADGE REDEMPTION FUND (EAST PORTLAND.)

Rec'd of W. Q. Buffington	\$	100 00	
Fire badges redeemed and returned	\$	2 00	
Balance on hand		98 00	
	\$	100 00	\$ 100 00

STREET REPAIR FUND (EAST PORTLAND.)

Rec'd from Treasurer, E. Portland	\$	446 25	
Balance on hand	\$	446 25	
	\$	446 25	\$ 446 25

WATER FUND (EAST PORTLAND.)

Received from—			
Treasurer, East Portland	\$	20,628 67	
Rollins Inv. Co., sale of bonds		50,000 00	
Trans. to East Side Water Exp. fund	\$	386 90	
Warrants paid and returned		33,678 93	
Balance on hand		36,562 84	
	\$	70,628 67	\$ 70,628 67

FIRE FUND (EAST PORTLAND.)

Rec'd from Treasurer, E. Portland	\$	704 51	
Balance on hand	\$	704 51	
	\$	704 51	\$ 704 51

LIGHT FUND EAST PORTLAND.

Rec'd from Treasurer East Portland	\$	48,945 60	
Warrants paid and returned	\$	15,720 30	
Balance on hand		33,225 30	
	\$	48,945 60	\$ 48,945 60

INDEBTEDNESS FUND EAST PORTLAND.

Rec'd from Treasurer East Portland	\$	6,042 77	
Balance on hand	\$	6,042 77	
	\$	6,042 77	\$ 6,042 77

GENERAL FUND ALBINA.

Received from Treasurer, Albina	\$	25,697 93	
Transferred to General fund Portland	\$	25,697 93	
	\$	25,697 93	\$ 25,697 93

BOULEVARD FUND ALBINA.

Received from Treasurer Albina	\$	46,177 50	
Warrants paid and returned	\$	5,921 88	
Balance on hand		40,255 62	
	\$	46,177 50	\$ 46,177 50

PARK FUND ALBINA.

Received from Treasurer Albina	\$	50 00	
Balance on hand	\$	50 00	
	\$	50 00	\$ 50 00

GENERAL SUMMARY.

Total balance on hand as stated . . . \$237,883 89½

Credited as follows:—

General fund	\$ 12,462 08
Fire Department fund	23,030 41
Police Department fund	28,773 06
St. Cleaning and Sprinkling fund	8,670 42
Street Improvement fund	27,650 66½
Sewer fund	3,584 24
Street Extension fund	3,970 15
Street Lamp fund	7,076 29
Willamette River fund	65 34
Water Bond Interest fund	25 00
Street and Sewer Interest fund	896 60
Bonded indebtedness Int. fund	
Albina	300 00
Bonded Indebtedness fund	3,490 79
East Side Water Expense fund	498 56
Survey Deposit fund, E. Portland	5 00
Fire Badge Redemption fund,	
East Portland	98 00
Street Repair fund, East Portland	446 25
Fire fund, East Portland	704 51
Water fund, East Portland	36,562 84
Light fund, East Portland	33,225 30
Indebtedness fund, East Portland	6,042 77
Boulevard fund, Albina	40,255 62
Park fund, Albina	50 00

\$237,883 89½ \$237,883 89½

STREET IMPROVEMENT FUND.

Balance in this fund as stated \$ 27,650 66½

Credited as follows:—

N street, East side, 5th to 20th	\$ 82 64
5th street, East side, Stephens to Adams	275 00
16th street, East side, Holladay to Hawthorne avenue	59 81
N street, East side, 5th to 20th	40 13
O street, East side, 5th to 14th	13 40
15th street, East side, D to J	2 09
12th street, East side, D to Hawthorne avenue	19 99
4th street, East side, Clay to N. boundary city	17 04
A street, East side, 6th to 1st	44 46
M street, East side, 4th to 12th	43 16
6th street, East side, L to Adams Clinton street, East side, 4th to E. line of city	3 19
Williams street, East side, N. boundary City to Cherry	99 07
9th street, East side, D to L	26
18th street, East side, Clinton to Powell Valley road	671 44½
H street, East side, E. to W. end Williams avenue, Albina	31 50
R street	1,737 04
Chapman street	432 75
N. 14th street, B to U	186 75
N street	35 05
S. Front street	3 92
Hood, N. line Car. claim to Car. street bridge	20
	01
	10 25

Amounts carried forward \$ 27,650 66½ \$ 3,808 15½

<i>Amounts brought forward</i>	\$ 27,650 66½	\$ 3,808 15½
A street 3d to 4th		75
S. Front street, Gaines to 1st ave		18 55
Hood street, (old)		14 64
Taylor street		1 41
N. 18th street		27 67
Whitaker street		12 46
T street		38 99
N. 13th street, R to N. Front . . .		5 50
S. 2d street, Sheridan to Gibbs .	405	54
Salmon street		10 75
12th street		71 16
8th street		26 21
2d and S. 2d street	486	67
Clifton street		39 40
N. 13th street, B to D		4 00
Kelly street, Grover to Abernethy	611	40
13th street, Columbia to B . . .		51 00
Hall street		40 00
C street, 14th to 18th		53 65
Curry street, 2d to Multnomah .		37 75
N. 12th street, B to N. Front . .		58 87
Gibbs street		13 50
Sheridan st. cen. to W. line 1st .		1 01
10th street, Yamhill to College .		69 97
Gaines street	510	51
N. 21st street, J to County road		47 40
N. 21st street, B to J		5 09
S. Front st. 1st ave. to city bd'y		2 20
7th and S. 7th street		14 90
Columbia street		20 74
Caruthers, Hood to 6th		21 23
E. ½ S. 4th street		1 50
N. Front street		101 04
<i>Amounts carried forward</i>	\$ 27,650 66½	\$ 6,633 61½

<i>Amounts brought forward</i>	\$ 27,650 66½	\$ 6,633 61½
N. 16th street, S to N. Front . .		23 67
Sherman street		2 25
N. 20th street, B to K		16 56
8th st. Hall to N. line Car. Claim		9 02
N ½ K street, 19th to 20th . . .		2 00
S. 3d street, Wood to Grover . .		1 75
Wood street		284 81
Grover street, Hood to Front . .		9 44
Front street, Ash to Madison . .		1 92
L street, 19th to 22d	2,130	61
Mill street, 15th to 16th		107 69
Mill street, Front to Water . . .		12 82
F street, 19th to 23d		7 75
Hood st. Marq. Gulch to Grover		88 50
H, 21st to 22d		83 65
Kelly street, 2d avenue North . .		1 00
King street, B to W. Main		4 00
N. 21st street, S to U		2 50
11th street, Hall to Montgomery		16 20
3d Avenue		199 36
13th st. College to Hawthorne . .		234 99
N. 20th street, L to Sher. ave . .		23 63
Catherine street, Albina		351 89
Clay street, 4th to E. bdy. city,		
East Portland		4 80
W. Main street, Chapman to Stout		43 38
5th street, N. bd'y. city to A, East		
Portland		35½
5th street, Oak to D, E. Portland		355 96
Sellwood street, Albina		211 25
5th street, K to Ellsworth, East		
Portland	5,770	38½
G street, 19th to 20th		30
<i>Amounts carried forward</i>	\$ 27,650 66½	\$ 16,636 05½

<i>Amounts brought forward</i> . . .	\$ 27,650 66½	\$ 16,636 05½
Myrtle street		593 58
13th street, D to J, E. Portland	2,108 51	
Lowndale street		4 00
Beech street, Albina	3,252 78	
Page street, Albina		63 50
Columbia, 13th to 14th	105 60	
H street, 13th to 18th	400 63	
17th street, Spring to Carter . .	639 05	
F street, Albina		61 41
Cherry st. 1st to 6th, E. Portland	359 12	
16th street	526 47	
San Diego street, Albina	373 65	
G st. E. to W. end, E. Portland	2,225 49	
Spring street		299 82
	<u>\$ 27,650 66½</u>	<u>\$ 27,650 66½</u>

SEWER FUND.

Balance in this fund as stated	\$ 3,584 24
Credited as follows:—	
I street sewer	\$ 12 00
Johnson Creek sewer	53 33
S street sewer	13 30
15th, Market and 14th st. sewer .	230 28
G street sewer	13 10
R and N. 13th street sewer . . .	82 03
S. 4th street sewer	250 00
U street sewer	10 00
N. 9th street sewer	39 30
P street sewer	153 57
Clay street sewer, 120 ft. W. of	
12th to 14th	189 18
12th and Market street sewer . .	1 88
<i>Amounts carried forward</i>	<u>\$ 3,584 24</u> <u>\$ 1,047 97</u>

<i>Amounts brought forward</i>	\$ 3,584 24	\$ 1,047 97
Ella street sewer		69 58
Montgomery street sewer		108 74
N street sewer		90 66
L street sewer		161 90
S 3d street sewer		141 45
Q street sewer		31 52
Clay street sewer, 14th to 15th		40 91
M street sewer		166 78
O street sewer		22 83
13th and Jefferson street sewer .		87
Jefferson street sewer		53 15
Mill street sewer		13 14
13th street sewer		44 50
Harding street sewer, Albina . .		211 05
Margaretta avenue sewer		64 68
Chapman street sewer		188 50
9th st. sewer, College to Jackson		42 36
I street sewer		64
N. 20th street sewer, B to F . . .		7 00
N. 8th street sewer		16 18
Chapman street sewer, 85' N. of		
Madison to Tanner Creek		174 70
11th street sewer, Montgomery to		
Market		377 89
Knott street sewer, Albina		158 20
Rodney avenue sewer, Albina . .		300 70
Front and S. Front street sewer .		48 34
	<u>\$ 3,584 24</u>	<u>\$ 3,584 24</u>

STREET EXTENSION FUND.

Balance in this fund as stated	\$ 3,970 15
Credited as follows:—	
Russell street extension, Albina . .	\$ 149 50
14th street extension	157 00
<i>Amounts carried forward</i>	<u>\$ 3,970 15</u> <u>\$ 306 50</u>

<i>Amounts brought forward</i> . . . \$	3,970 15	\$	306 50
B street extension			5 00
N. 22d street extension, E to B .			5 00
N. 21st street extension, E to L .			30 00
Hood street extension			757 00
3d and N. 3d street extension .			25 00
N. 1st street extension			8 00
V street extension			594 00
Heights Terrace extension . . .			375 00
N. 22d street extension			106 65
N. 1/2 Mill street extension . .		1,007 00	
W street extension			671 00
X street extension			80 00
		<u>\$</u>	<u>3,970 15</u>
		\$	3,970 15

STREET AND SEWER INTEREST FUND.

Balance in this fund as stated . . . \$ 896 60

Credited as follows:—

Williams avenue impt. Grant to Going		\$	05
H street impt. E. to W. end . .			33 31
H street impt. 21st to 22d . . .			1 18
N. 21st street impt. S to U . . .			1
13th street impt. Col. to Haw.			1 80
N. 20th st. impt. L to Sher. ave			5 59
Margaretta ave. sewer, Morris to Russell			2 04
Catherine street impt., E. line Orig. T. S. to E. line Mar. ave.			60
9th street sewer College to Jackson			70
W. Main street impt. Chapman to Stout			90
<i>Amounts carried forward</i> . . . \$	896 60	\$	47 17

<i>Amounts brought forward</i> . . . \$	896 60	\$	47 17
Sellwood street impt. Helm to Williams ave			5 65
Santa Cruz st. Mar. ave. to Orig. T. S.			4 50
R and N. 13th street sewer . . .			15 40
G street sewer N. 22d. to N. 23d			89
T, N. 14th and U street sewer .			2 31
S. 4th street sewer, Sheridan to Marq. Gulch			10
I street, N. 22d to N. 20th . . .			5 25
S street sewer, N. 23d to N. 27th			2 70
U street sewer, N. 14th to N. 18th			23 00
Johnson Creek sewer			3 37
P street sewer, N. 8th to 360 ft. W. of N. 19th			9 65
Hood and Corbett street sewer, Porter to Sheridan			6 00
Taylor and 14th street sewer . .			3 35
12th and Market street sewer .			5 64
Ella st. sewer, B to 250 ft. N. of B			95
L street sewer, N. 20th to N. 22d			5 34
Clay street sewer, 14th to 15th			1 50
Kelly street impt., 100 ft. N. of Grover to 50 ft. N. of Abernethy			4 15
13th street impt. Columbia to B			87 82
Hall st. impt. Front to Lownsdale			49 39
Clifton street, 13th to 15th . . .			7 73
N. 13th street imp't, B to D . .			6 26
2d and S. 2d street impt			11 31
Salmon st. imp't, W. Park to 12th			3 30
S. 2d street imp't, Sheridan to Gibbs			14 76
N. 16th st. imp't, S to. N. Front			13 23
<i>Amounts carried forward</i> . . . \$	896 60	\$	340 42

<i>Amounts brought forward</i> . . . \$	896 60 \$	340 42
T st. imp't, N. Front to 250 feet W. of N. 26th		8 07
Whitaker street imp't, Front to Multnomah		3 64
S. Front st. imp't, Porter to 1st av. N. Front street imp't, F to N. W. end of N. Front		11 15 192 76
N. 21st street imp't, B to J		12 92
S street imp't, Front to 27th . . .		3 82
10th street, Yamhill to College . .		19 58
Gibbs street, S. 1st to Multnomah		15 84
Curry street, S. 2d to Multnomah		11 36
N. 12th street, B to N. Front . . .		10 10
Heights Terrace extension		1 10
C street imp't, 14th to 18th		8 66
Woods st. imp't, S. Front to S. 4th 7th and S. 7th street imp't		4 11 13 31
N. 14th street imp't, B to U		38 58
Hood st. imp't, Finice Caruthers's D. L. C. to bridge S. of Caruthers		1 10
8th street imp't, Salmon to Hall . .		1 24
Caruthers st. imp't, Hood to 6th . .		10 18
A street imp't, 3d to 4th		90
Sheridan st. imp't, S. 1st to S. 6th		4 95
E½ S. 4th street		2 66
U st. exten., N. 24th to N. 27th . .		1 60
Columbia street, 8th to 11th		2 25
N. 20th street, B to K		5 19
Mill street, Front to Water		1 86
Kelly st., 2d ave. to 155 feet N. of 2d Ave		4 47
Grover street, Hood to bridge on S. Front		38
<i>Amounts carried forward</i> . . . \$	896 60 \$	732 20

<i>Amounts brought forward</i> . . . \$	896 60 \$	732 20
8th street, Hall to N. line Car- uthers's D. L. C		23 43
Mill street, 15th to 16th		4 09
Hood st., Marq. Gulch to Grover N. 20th street sewer		7 80 8 70
Jefferson street sewer, 125 feet N. of B to F		68
13th and Jefferson street sewer . .		6 10
Williams street, N. boundary city to Cherry st., E. Portland		5 43
F street imp't, 19th to 23d		3 60
11th street imp't, Montgomery to Hall		57
13th street imp't, D to J		10 76
Lowndale street imp't, Morrison to Taylor		95
Columbia street, 13th to 14th . . .		58
9th street, D to L		7 86
King street, B to W. Main		75
N street sewer, N. 25th to N. 20th		10 16
G street imp't, E. to W. end		49 84
5th street, K to Ellsworth		16 19
Q street sewer, 200 feet W. of N. 24th to N. 20th		83
S. 3d street sewer, Sheridan to Marquam gulch		2 80
M street sewer, N. 17th to 120 ft. E. of N. 20th,		1 18
18th street, Clinton to Powell Valley road		1 90
	\$ 896 60 \$	896 60

All of which is respectfully submitted,

FRANK HACHENEY,

City Treasurer.

FOURTH QUARTERLY REPORT

—OF—

FRANK HACHENEY, CITY TREASURER,

—FOR—

QUARTER ENDED DEC. 31ST, 1891.

Bal. on hand as per report Sept. 30, '91	\$237,883 89½
There has been received from all sources	241,759 49½
There has been disbursed the sum of . \$384,578 86	
Leaving a balance in the treasury of . 93,834 53½	
Leaving a balance in N. Y. to redeem interest coupons	1,230 00
	\$479,643 39½
	\$479,643 39½

GENERAL FUND.

Balance as per report Sept. 30, '91 . . .	\$ 12,462 08
Received from—	
General licenses	51,020 05
Dog licenses	502 50
C. H. Carey, Police Judge, fines and costs Police Court	3,337 50
W. Myers, pound money	161 00
H. S. Gile, delinquent tax	32 80
S. B. Parrish, Chief Police, costs impt. 13th street	75
R. L. Durham, del. tax	60
W. T. Branch	200 00
<i>Amount carried forward</i>	<i>\$ 67,717 28</i>

<i>Amount brought forward</i>	\$ 67,617 28
H. A. Hogue, del. tax	6 88
Stafford by Kenworthy, del. tax	21 30
J. M. Caywood, del. tax	248 62
Cora P. Wilkins, del. tax	4 25
S. B. Parrish, Chief Police, costs impt. Caruthers street	15 10
J. H. Marr, del. mtg. tax	6 50
Percy Blyth, del. tax and int	101 20
Nathan Hackett, del. tax	1 50
S. B. Parrish, Chief Police costs impt. of Williams ave	3 00
Augusta Welhelm, del. tax	53 00
W. Myers, pound money	211 50
F. R. Osborne, del. tax	3 48
E. A. White, del. tax	33 60
Robert Bell, del. tax	47 60
R. O. Holmes, del. tax	2 83
Peter Gerlach, del. tax	1 25
Walker & Dana, del. tax	2 00
E. C. Bruce, del. tax	7 14
S. B. Parrish, Chief Police, costs impt. H street	3 50
W. Myers, pound money, stock sold	44 50
W. Myers, pound money, stock sold	10 00
F. P. Mays, del. tax	108 30
Vitus Bierck, del. tax	1 45
S. B. Parrish, costs impt. 13th st. D to J	3 00
S. B. Parrish, 20 per cent. of 4.25 del. tax 1890, East Portland	85
H. Wolf & Bro. del. tax	80 00
S. B. Parrish, costs impt. Will. ave	21 55
<i>Amount carried forward</i>	\$ 68,761 18

<i>Amount brought forward</i>	\$ 68,761 18
S. B. Parrish, costs impt. 13th st. College to Hawthorne	2 50
W. Myers, pound stock sold	10 00
L. L. McKean, del. tax	6 10
M. E. Thompson, del. tax	1 60
City of Klatskanie, 12 oil lamps sold	42 00
S. B. Parrish, costs impt. F street Albina	3 00
W. Myers, pound money	160 00
S. B. Parrish, costs extension N. ½ Mill street	6 30
Duncan Stewart, del. tax	95
E. W. Paget, et al del. tax	30
Thomas Darling, del. tax	1 10
J. T. Peters, del. tax	20 13
Andrew Johnson, del. tax	87½
C. E. Kolbe, del. tax	2 25
W. Myers, pound stock sold	62 00
J. C. McGrew, del. tax	1 00
Labbe & Anderson, del. tax	3 35
Sarah Besser, del. tax	27 98
Transferred from—	
Street and Sewer Interest fund	356 64
Indebtedness fund, East Portland	6,042 77
Bonded indebtedness fund, East Portland	3,490 79
Light fund, East Portland	10,472 03
Fire fund, East Portland	704 51
Street Repair fund, E. Portland	446 25
East Portland Water fund, tem- porary loan	40,000 00
Street Improvement fund	780 80
<i>Amount carried forward</i>	\$ 121,409 50½

<i>Amount brought forward</i>	\$ 121,409 50 ¹
Sewer fund	722 29
Street Extension fund	157 00
Park fund, Albina	50 00
Survey Deposit fund, E. Portland	5 00
Transferred to—	
Willamette River fund	100 00
Fire Department fund	24,000 00
Bonded Indebtedness fund, East Portland	9,150 00
Bonded Indeb'ness fund, Portland	2,882 50
St. Cleaning and Sprinkling fund	12,600 00
Street Lamp fund	11,000 00
South Fourth street Sewer fund .	40 00
Light Fund, East Portland	2,678 45.
Bonded indebtedness Interest fund, Albina	4,200 00
City Hall Bond Interest fund . . .	4,375 00
Warrants paid and returned	48,872 37
Balance on hand	12,442 37 ¹
	<u>\$132,340 69¹ \$132,340 69¹</u>

FIRE DEPARTMENT FUND.

Balance as per report, Sept. 30, '91 . . .	\$ 23,030 41
Transferred from General fund	24,000 00
Received from—	
C. Hutchins, for ex't certificates	32 00
S. B. Parrish, 35 per cent. of 4.25 del, tax 1890, East Portland .	1 49
C. Hutchins ret'd. ins. premiums	71 25
C. Hutchins, sale of old copper 10.10 ex't cert. 2.00	12 10
Warrants paid and returned	\$ 42,003 15
Balance on hand	5,144 10
	<u>\$ 47,147 25 \$ 47,147 25</u>

POLICE DEPARTMENT FUND.

Balance as per report Sept. 30, '91 . . .	\$ 28,773 06
Rec'd from S. B. Parrish 35 per cent. of 4.25 del. tax 1890, E. Portland	1 49
Warrants paid and returned	\$ 22,732 12
Balance on hand	6,042 43
	<u>\$ 28,774 55 \$ 28,774 55</u>

STREET CLEANING AND SPRINKLING FUND.

Balance as per report, Sept. 30, '91 . . .	\$ 8,670 42
Transferred from General fund	12,600 00
Rec'd from C. Bomberger for feed of pound stock	47 50
Rec'd from S. B. Parrish, 10 per cent. of 4.25 del. tax '90, E. Portland	42
Warrants paid and returned	\$ 19,334 34
Balance on hand	1,984 00
	<u>\$ 21,318 34 \$ 21,318 34</u>

STREET IMPROVEMENT FUND.

Balance as per report Sept. 30, 1891 . . .	\$ 27,650 66 ¹
Received from sundry collections	85,569 59
Transferred to General fund	\$ 780 80
Warrants paid and returned	96,665 14
Balance on hand	15,774 31 ¹
	<u>\$113,220 25¹ \$113,220 25¹</u>

SEWER FUND.

Balance as per report Sept. 30, 1891 . . .	\$ 3,584 24
Received from sundry collections	8,368 43
Transferred from General fund	40 00
Transferred to General fund	\$ 722 29
Warrants paid and returned	7,240 99
Balance on hand	4,029 39
	<u>\$ 11,992 67 \$ 11,992 67</u>

STREET EXTENSION FUND.

Balance as per report Sept. 30, 1891	\$ 3,970 15	
Received from sundry collections		20,538 73 ¹ / ₂
Transferred to General fund	\$ 157 00	
Warrants paid and returned	17,386 35	
Balance on hand	6,965 53 ¹ / ₂	
	<u>\$ 24,508 88¹/₂</u>	<u>\$ 24,508 88¹/₂</u>

STREET LAMP FUND.

Balance as per report Sept. 30, 1891	\$ 7,076 29	
Transferred from General fund		11,000 00
Warrants paid and returned	\$ 17,011 84	
Balance on hand	1,064 45	
	<u>\$ 18,076 29</u>	<u>\$ 18,076 29</u>

BONDED INDEBTEDNESS INTEREST FUND, EAST PORTLAND.

Transferred from General fund	\$ 9,150 00	
Coupons paid and returned	\$ 8,310 00	
Balance in N. Y. to redeem coupons	690 00	
Balance on hand	150 00	
	<u>\$ 9,150 00</u>	<u>\$ 9,150 00</u>

WILLAMETTE RIVER FUND.

Balance as per report Sept. 30, 1891	\$ 65 34	
Transferred from General fund		100 00
Warrants paid and returned	\$ 91 53	
Balance on hand	73 81	
	<u>\$ 165 34</u>	<u>\$ 165 34</u>

WATER BOND INTEREST FUND.

Balance as per report Sept. 30, 1891	\$ 25 00	
Received from City Water Committee		17,500 00
Balance on hand	\$ 17,525 00	
	<u>\$ 17,525 00</u>	<u>\$ 17,525 00</u>

STREET AND SEWER INTEREST FUND.

Balance as per report Sept. 30, 1891	\$ 896 60	
Received from sundry collections		416 31
Transferred to General fund	\$ 356 64	
Warrants paid and returned	17 27	
Balance on hand	939 00	
	<u>\$ 1,312 91</u>	<u>\$ 1,312 91</u>

BONDED INDEBTEDNESS, INTEREST FUND, PORTLAND.

Transferred from General fund	\$ 2,882 50	
Coupons paid and returned	\$ 2,882 50	
	<u>\$ 2,882 50</u>	<u>\$ 2,882 50</u>

BONDED INDEBTEDNESS INTEREST FUND, ALBINA.

Balance as per report Sept. 30, 1891	\$ 300 00	
Transferred from General fund		4,200 00
Coupons paid and returned	\$ 3,960 00	
Balance in N. Y., to redeem coupons	540 00	
	<u>\$ 4,500 00</u>	<u>\$ 4,500 00</u>

BONDED INDEBTEDNESS FUND, PORTLAND.

Balance as per report Sept. 30, 1891	\$ 3,490 79	
Transferred to General fund	\$ 3,490 79	
	<u>\$ 3,490 79</u>	<u>\$ 3,490 79</u>

CITY HALL BOND INTEREST FUND.

Transferred from General fund	\$ 4,375 00	
Balance on hand	\$ 4,375 00	
	<u>\$ 4,375 00</u>	<u>\$ 4,375 00</u>

EAST SIDE WATER EXPENSE FUND.

Balance as per report Sept. 30, 1891 .	\$	498	56
Rec'd from W. Johnson, water rates .		2,531	90
Rec'd from U. S. Carriage Company		5	00
Transf'd to E. Portland Water fund . \$		68	90
Warrants paid and returned		2,906	43
Balance on hand		60	13
	\$	3,035	46
	\$	3,035	46

SURVEY DEPOSIT FUND, EAST PORTLAND.

Balance as per report Sept. 30, 1891 .	\$	5	00
Transferred to General fund	\$	5	00
	\$	5	00
	\$	5	00

FIRE BADGE REDEMPTION FUND, EAST PORTLAND.

Balance as per report Sept. 30, 1891 .	\$	98	00
Fire badges redeemed and returned . \$		4	00
Balance on hand		94	00
	\$	98	00
	\$	98	00

STREET REPAIR FUND, EAST PORTLAND.

Balance as per report Sept. 30, 1891 .	\$	446	25
Transferred to General fund	\$	446	25
	\$	446	25
	\$	446	25

FIRE FUND, EAST PORTLAND.

Balance as per report Sept. 30, 1891 .	\$	704	51
Transferred to General fund	\$	704	51
	\$	704	51
	\$	704	51

EAST PORTLAND WATER FUND.

Balance as per report Sept. 30, 1891 .	\$	36,562	84
Rec'd from Rollins Inv. Co., sale of bonds		50,000	00
Transferred from East Portland Water Expense fund		68	90
Transf'd to General fund, temporary loan	\$	40,000	00
Warrants paid and returned		36,218	13
Balance on hand		10,413	61
	\$	86,631	74
	\$	86,631	74

EAST PORTLAND LIGHT FUND.

Balance as per report Sept. 30, 1891 .	\$	33,225	30
Received from Hall Bro's		12	75
Transferred from General fund		2,678	45
Transferred to General fund	\$	10,472	03
Warrants paid and returned		25,427	22
Balance on hand		17	25
	\$	35,916	50
	\$	35,916	50

INDEBTEDNESS FUND, EAST PORTLAND.

Balance as per report Sept. 30, 1891 .	\$	6,042	77
Transferred to General fund	\$	6,042	77
	\$	6,042	77
	\$	6,042	77

BOULEVARD FUND, ALBINA.

Balance as per report Sept. 30, 1891 .	\$	40,255	62
Warrants paid and returned		33,515	48
Balance on hand		6,740	14
	\$	40,255	62
	\$	40,255	62

PARK FUND, ALBINA.

Balance as per report Sept. 30, 1891	\$	50	00
Transferred to General fund	\$	50	00
	\$	50	00
	\$	50	00

GENERAL SUMMARY.

The balance on hand as stated \$ 93,834 53¹/₂

Balance in N. Y. to redeem int. coupons 1,230 00

Credited as follows:—

General fund	\$	12,442	37 ¹ / ₂
Fire Department fund		5,144	10
Police Department fund		6,042	43
St. Cleaning and Sprinkling fund		1,984	00
Street Improvement fund		15,774	31 ¹ / ₂
Sewer fund		4,029	39
Street Extension fund		6,965	53 ¹ / ₂
Street Lamp fund		1,064	45
Bonded Indebtedness Int. fund, E. Portland, in New York		690	00
Bonded Indebtedness Int. fund, E. Portland, on hand		150	00
Willamette River fund		73	81
Water Bond Interest fund		17,525	00
Street and Sewer Interest fund		939	00
Bonded Indebtedness Int. fund, Albina, in New York		540	00
City Hall bond Interest fund		4,375	00
East Side Water Expense fund		60	13
Fire Badge Redemption fund, E. Portland		94	00
East Portland Water fund		10,413	61
East Portland Light fund		17	25
Albina Boulevard fund		6,740	14

\$ 95,064 53¹/₂ \$ 95,064 53¹/₂

STREET IMPROVEMENT FUND.

Balance in this fund as stated \$ 15,774 31¹/₂

Credited as follows:—

5th street, Stephens to Adams	275	00
15th street, D to J	2	09
A street, 6th to 1st	44	46
M street, 4th to 12th	43	16
Clinton street, 12th to 21st	62	73
Williams street, N. bdy. city to Cherry	26	
18th street, Clinton to Powell Valley road	42	30
Williams avenue, Grant to Going R street	279	33
Chapman street	186	75
N. 14th street, B to U	35	05
S. Front street, Gaines to 1st ave Hood street, (old).	3	92
Taylor street, 10th to 14th	18	55
N. 18th street	14	64
Whitaker street	1	41
S. 2d street, Sheridan to Gibbs	27	67
12th street	12	46
Clifton street	405	54
Kelly street, Grover to Abernethy Curry street, 2d to Multnomah	71	16
10th street, Yamhill to College	39	40
Gaines st. Kelly to Multnomah Columbia street, 8th to 11th	11	40
Caruthers street	37	75
N. Front street, F to Bone Yard N. 16th street, S to N. Front	69	97
Wood street, Front to 4th	112	70
Grover street, Hood to Front	28	24
Front street, Ash to Madison	21	23
	414	20
	101	79
	68	07
	9	44
	1	92

Amounts carried forward \$ 15,774 31¹/₂ \$ 2,442 59

<i>Amounts brought forward</i>	\$ 15,774 31½	\$ 2,442 59
L street, 19th to 22d	18	96
Mill street, Front to Water	12	82
Hood street, Marquam Gulch to Grover	88	50
H street, 21st to 22d	83	65
11th street, Hall to Montgomery	7	14
13th street, College to Hawthorne	147	58
N. 20th street, L to Sherlock ave	631	96
Clay street, 4th to E. bdy of East Portland	4	80
W. Main street, Chapman to Stout	103	25
5th st., N. bdy E. Portland to A	35½	
5th street, Oak to D	218	19
5th street, K to Ellsworth	383	79½
Myrtle street, 13th to 19th	345	02
13th, D to J	82	14
Beech street, Margareta to Mississippi avenue	67	58
Page street	134	45
Columbia street	35	65
H street, 13th to 18th	200	63
17th street, Spring to Carter	65	51
F street, Multnomah to Killingsworth avenue	5	50
Cherry street, 1st to 6th	87	53
19th street, Jackson to Spring	148	63
San Diego street	62	42
G street, E. to W. end	118	00
Spring street, Lowndale to 15th	527	38
O street, 14th to 16th	12	89
N. 16th street, G to M	22	80
N. 17th street, M to P	203	26
B street, N. 22d to Green property	3	75
Washington street, 2d to B	74	10
C street, 2d to Cherry	54	66
<i>Amounts carried forward</i>	\$ 15,774 31½	\$ 6,395 37

<i>Amounts brought forward</i>	\$ 15,774 31½	\$ 6,395 37
Elliott street	232	20
9th street D to L	5	20½
Baker street, 3d to 4th	117	15
Goldsmith street	7	75
3d street, N. bdy East Portland to Maple	1,589	55
N. 17th street, G to S	1,863	17
Porter street, Hood to 2d	1,968	68
1st street, Salmon to Madison	329	45
N. 22d street, J to P	167	71
L street, 21st to 22d	96	31
E. ½ 1st street N. to S. line of Madison	171	38
14th street, Myrtle to Elizabeth	148	29
H street, East to West end	901	74
Pacific street	1,568	99
Sellwood street	211	25
	\$ 15,774 31½	\$ 15,774 31½

SEWER FUND.

Balance in this fund as stated \$ 4,029 39
Credited as follows—

15th, Market and 14th st. sewer	\$	263 28
S. 4th street sewer		290 00
N. 9th street sewer		39 30
P street sewer		576 63
Clay street sewer, 12th to 14th		189 18
Ella street sewer		19 58
L street sewer		161 90
S. 3d street sewer		41 45
Clay street sewer 14th to 15th		21 40
M street sewer		60 98
13th and Jefferson street sewer		87
<i>Amounts carried forward</i>	\$	4,029 39
	\$	1,664 57

<i>Amounts brought forward</i>	\$ 4,029 39	\$ 1,664 57
13th street sewer, Montgomery to Market	44 50	
Harding street sewer	241 15	
Margaretta avenue sewer	64 68	
Chapman street sewer, Mitchell to Stark	215 50	
9th street sewer	50 60	
I street sewer	64	
N. 20th street sewer	7 00	
Chapman street sewer, near Mad- ison to Tanner creek	75 00	
11th street sewer, Montgomery to Market	59 61	
Knott street sewer	335 40	
Rodney avenue sewer	121 10	
Front and S. Front street sewer T, N. 14th and U street sewer .	40 60	
H street sewer, 22d to 23d	134 60	
Clay street sewer, 3d to 6th	173 63	
Sellwood street sewer	1 17	
Vancouver avenue sewer	50 50	
Columbia street sewer	355 50	
T street sewer	59 14	
	334 50	
	<u>\$ 4,029 39</u>	<u>\$ 4,029 39</u>

STREET EXTENSION FUND.

Balance in this fund, as stated \$ 6,965 53¹/₂

Credited as follows—

Russell street extension	\$ 149 50
B street extension	5 00
N. 22d street ext., E to B	5 00
N. 21st street ext., E to L	30 00
Hood street extension	757 00
3d and N. 3d street extension	25 00
N. 1st street extension	8 00

Amounts carried forward \$ 6,965 53¹/₂ \$ 979 50

<i>Amounts brought forward</i>	\$ 6,965 53 ¹ / ₂	\$ 979 50
V street extension	418 50	
Heights Terrace extension	375 00	
W street extension	671 00	
X street extension	138 00	
L street extension	3,414 70	
S. 6th street extension	435 00	
Clinton street extension	38 00	
4th street extension	495 83 ¹ / ₂	
	<u>\$ 6,965 53¹/₂</u>	<u>\$ 6,965 53¹/₂</u>

All of which is respectfully submitted.

FRANK HACHENEY,

City Treasurer.

REPORT OF SUPERINTENDENT OF STREETS.

OFFICE OF THE SUPT. OF STREETS,
PORTLAND, OR., January 2, 1892. }

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, 1891.

Since the last annual report was furnished from this office the size of the City has materially increased through the effect of an Act of the Legislative Assembly of the State of Oregon, incorporating the city of Portland by consolidating the three cities—Portland, East Portland and Albina.

The present boundary of the city embraces an area of about $2\frac{3}{4}$ square miles, of which about $7\frac{1}{4}$ square miles are on the west side of the Willamette river.

This office has prepared a table, accompanying this report, showing the amount and character of street improvements now existing, from an inspection of which it will be seen that the lately added territory lying on the east bank of the river makes a very creditable showing.

The amount of street work carried on during the past year shows a slight falling off over that of the previous one, owing partly to the fact that under the provisions of the present city charter it requires the petition of the owners of more than one-half the property affected by the proposed improvement before any action can be taken by the Common Council, while formerly a petition signed by the owners of one-third was sufficient.

The improvement in the character and the increased cost in the construction of business blocks, has naturally served to make still more urgent the demand for better and more permanent

street pavements. For streets where the traffic is exceptionally heavy and where the noise is not a serious inconvenience, Belgian Block pavement, well laid on a good foundation of concrete and filled in with Asphalt, while expensive, would probably be advisable. This pavement as it has been laid here on a foundation of sand spread over rolled earth surface and filled with coarse sand soon becomes rough, noisy and dirty, especially where disturbed in the laying of sewer, water and gas pipes. Brick pavement is now being used quite extensively in some of the eastern cities and good results obtained. It is claimed that we have in the vicinity of Portland suitable material for the construction of good paving brick, but until that fact is established and it is clearly shown that they can be economically manufactured it is not probable that many experiments will be made in this direction. The most urgent demand however is for a smooth, durable pavement that can be easily cleaned and is practically noiseless. There is no question but that Asphalt or Bituminous pavements come nearer filling these requirements than any other form of pavements now in use. The Trinidad Asphalt, as laid in Washington, Buffalo, New York; Chicago and other eastern cities is claimed to be the best, but its cost may prevent its use in this city for some time to come. The Bituminous Rock pavement has been extensively used in San Francisco and Oakland during the past five or six years, and in the main has given good satisfaction. Washington street in this city was improved with similar material to that used in San Francisco, and while it has not been laid down a sufficient length of time to give it a fair test as to its wearing quality, yet the presence of holes in the surface at different places in the street gives opportunity for considerable adverse criticism. The greater portion of the street, however, appears to be wearing well, which would indicate that in all probability where the street is defective, the material used was not properly worked when laid or the ingredients of which it is composed were not in the right proportion. The contractors on this work have given a bond to keep the street in good repair for a

period of five years, and as they will have an opportunity during the warm days of the coming summer to thoroughly roll the surface of the street its entire length with a 12-ton roller, it will be well to wait before passing judgment.

The time when a street is to be improved and the character of improvement to be adopted rests almost entirely with the property owners, but there is a growing desire among many of them, in the business part of the city at least, to replace our worn-out streets with pavements more in harmony with the necessities of the times, and I am confident that Portland will witness during the next few years a marked improvement in the condition of her streets.

During the year 23 ordinances were enacted on the west side and 21 on the east side for the improvement of streets, making a total of 44.

Plans and specifications have been prepared by this office for 51 different sewers, bridges, etc.

Besides sewers shown in the tabular form, plans and specifications were prepared just before the close of the year for sewers in the following streets: Mitchell street, Ord. No. 6999; Chapman street, Ord. No. 6905; Sellwood street, Ord. No. 7088, all in Albina district.

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

UNDER ORDINANCE.	
Kind of Work	Lineal Feet.
Sidewalk	35,673
Crosswalk (wood)	9,851
Crosswalk (stone)	337
Macadam	8,402
Gravel	30,584
Bridging	212
Sewers	31,389
Stone block pavement	460
Plank roadway	460
Bituminous rock	3,400

UNDER PERMIT.

Kind of Work	Lineal Feet.
Sidewalk (wood)	83,785
“ (cement)	6,901
“ (bituminous)	3,442
Crosswalk	2,281
Grading	78,491
Gravel	5,835
Macadam	6,500
Plank roadway	1,120
Stone block pavement	897

UNDER NOTICES.

Kind of Work.	Lineal Feet.
Sidewalk	34,757
Crosswalk	12,629
Plank roadway	128

AGGREGATE.

Kind of Work.	Lineal Feet.
Sidewalk (wood)	154,215
“ (cement)	6,901
Crosswalk	25,098
Macadam	14,902
Gravel	36,419
Bridging	212
Sewers	31,389
Stone block pavement	1,357
Plank roadway	1,708
Bituminous rock	6,842

PERMITS ISSUED, 1891.

To dig streets for gas	131
“ “ “ “ sewer	469
“ “ “ “ water	648
To use streets for moving buildings	57
“ “ “ “ building purposes	898
To improve street by grading, etc.	780
To erect private electric lights	16
Total	2999

BUILDING PERMITS FOR 1891.

	Permits	Cost of Building.
Jan. 1st to July 6th	400	\$1,780,760
July 6th to Dec. 31st	498	2,465,520
Total	898	\$4,246,280

NOTICES ISSUED, 1891.

To re-fill holes in street	60
Repair sidewalks and crosswalks	1755
Miscellaneous notices and communications	101
Total	1916

SEWERS.

During the past year the amount and cost of sewers completed and accepted is less than during the previous year. This is owing to the fact that Tanner Creek sewer extension, 4000 feet in length, was not completed and consequently not accepted until after the beginning of 1892. Work was also carried on on several other sewers, which if finished a month earlier, would have increased the cost of sewer construction more than \$50,000.

When the three cities consolidated Albina had several sewers laid which with those since constructed makes a total length of nearly $3\frac{1}{2}$ miles. East Portland had no sewers but they had procured the services of Mr. Rudolph Hering, of New York, an eminent Sanitary Engineer, who made a visit here, and from his examination and from maps, profiles, street grades and other information furnished him by Mr. Bellinger, the City Surveyor, prepared a plan for the sewerage of said city, which, together with detailed drawings, etc., are on file in this office. Sewers were not provided for in certain portions of East Portland owing to the fact that the land, in some instances, had not been laid off into blocks and in other places the grades of streets had not been established, making it impracticable, with the information at hand to determine with certainty the location and size of such sewers.

Since the plan was prepared, Sunnyside has been added to the East Portland district and is embraced within the city limits. Irvington, lying just east of the former city of Albina, is also within the city, and the greater portion of sewage and storm water from this locality will have to be disposed of through the sewer in Sullivan's gulch. Owing to these facts it becomes necessary to make some additions, alterations and modifications to the plans prepared. This office has been engaged on this work

during the past two months and in a short time expects to have everything in proper shape for providing plans, etc., for the construction of any sewers that may be needed. The work in this connection was necessarily tedious as in many streets levels had to be run, profiles made and probable grades determined on before an approximate estimate could be prepared of the amount of sewage and storm water which it would be necessary to provide for the disposal of in the several districts. For more particular information regarding sewer work, see the following statement.

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

WEST SIDE.				
Size, inches	Lin. Feet	Miles	Location	
92x64	4,820	.91	Tanner Creek	Brick.
81x54	1,860	.35	" "	" "
72 diam	3,800	.71	" "	Brick and stone
72x48	3,160	.59	Johnson Creek	Brick.
66x44	1,800	.34	" "	" "
40x60	3,820	.72	" "	" "
45 diam	800	.15	14th, Market & 15th	Brick.
24x36	700	.13	" "	" "
30x45	1,000	.18	Marquam Gulch	" "
Box 3x4	1,350	.25	" "	Wooden.
" 2x2	930	.17	Mill street	" "
24 diam	1,640	.31	L street	Brick and stone
22 "	1,140	.215	" "	Pipe.
20 "	1,245	.235	" "	" "
18 "	5,340	1.101	" "	" "
16 "	3,420	.64	" "	" "
15 "	18,735	3.54	" "	" "
14 "	18,760	3.55	" "	" "
12 "	93,173	17.64	" "	" "
10 "	14,460	2.73	" "	" "
9 "	39,928	7.56	" "	" "
8 "	450	.085	" "	" "
Total length	222,331	42.108		

ALBINA DISTRICT (EAST SIDE.)				
Size, inches	Lin. Feet	Miles		Pipe.
22 diam	1,335	.25		"
18 "	2,640	.50		"
14 "	1,620	.31		"
12 "	8,020	1.52		"
10 "	2,780	.53		"
8 "	1,580	.29		"
Total	17,975	3.40		

SEWER WORK BEGUN AND COMPLETED IN 1891--(WEST SIDE).

NAME OF SEWER.	No. of Ord.	Kind of Pipe.	Size of Pipe in inches.	Date of Contract.	Est. Length in feet	Date of Acceptance.	Name of Contractor.	Contractor's Bid.
Clay street	6480	Terra Cotta	12	March 21, 1891	276	May 22, 1891	B. Caken	519.51
Clay street	6605	"	12	May 16, 1891	880	Aug. 31, 1891	J. B. Slemmons	1,760.75
Chapman street	6646	"	12	May 25, 1891	340	July 21, 1891	B. S. Reilly	499.70
Columbia street	6684	"	10 and 12	July 3, 1891	760	Oct. 19, 1891	B. Caken	1,087.15
Eleventh street	6618	"	9	May 13, 1891	375	July 21, 1891	B. S. Reilly	478.85
Front and S. Front st.	6619	"	12	May 13, 1891	438	Aug. 12, 1891	J. B. Slemmons	713.86
H street	6653	"	12	June 8, 1891	420	Aug. 31, 1891	"	574.20
I street	6617	"	12	May 13, 1891	420	June 9, 1891	B. S. Reilly	586.45
M street	6525	"	12	Feb. 20, 1891	1110	April 28, 1891	"	1,705.80
Mill street	6547	"	9	March 21, 1891	399	May 27, 1891	W. D. O'Regan	541.20
Ninth street	6479	"	12	July 3, 1891	192	May 14, 1891	"	294.20
T street	6711	"	12	March 21, 1891	3860	Nov. 21, 1891	J. B. Slemmons	4,634.40
Q street	6426	"	14 and 16	Jan. 9, 1891	2290	May 12, 1891	"	4,462.26
N street	6424	"	14 and 16	Jan. 9, 1891	2600	April 7, 1891	"	5,017.40
Total					13860			\$22,875.73

UNFINISHED SEWER WORK OF 1891—(WEST SIDE).

NAME OF SEWER.	No. of Ord.	Kind of Pipe	Size of Pipe in inches.	Date of Contract.	Est. Length in feet.	Name of Contractor.	Contractor's Bid.
Chapman street	6904	Terra Cotta	12	Oct. 10, 1891	490	Patrick Towey	\$ 706.53
West Main street	7086	" "	12	Dec. 31, 1891	782	W. D. O'Regan	1,430.80
Q street	7072	" "	12	Nov. 25, 1891	3476	B. S. Reilly	8,654.02
R street	7087	" "	12, 14 and 16	Dec., 1891	4430	J. B. Slemmons	7,004.00
Stout street	7085	" "	12	Dec., 1891	388	W. D. O'Regan	613.04
Tanner creek	6685	Brick and stone	72	—, 1891	3894	Bays & Jeffery	40,446.32
N. 13th and D street	6998	" "	72	Nov. 7, 1891	405	American Bridge & C. Co.	6,648.30
Total					13865		\$65,503.01

SEWER WORK BEGUN AND COMPLETED IN 1891—(ALBINA DISTRICT).

NAME OF SEWER.	No. of Ord.	Kind of Pipe.	Size of Pipe in inches.	Date of Contract.	Est. Length in feet.	Date of Acceptance.	Name of Contractor.	Contractor's Bid.
Vancouver avenue	6803	Terra Cotta	12	Aug. 12, 1891	987	Nov. 28, 1891	B. S. Reilly	\$ 1,390.12
Sellwood street	6826	" "	10	Sept. 19, 1891	545	Nov. 16, 1891	Patric Towey	680.30
Knott street	6802	" "	8	Aug. 12, 1891	214	Nov. 28, 1891	B. S. Reilly	217.48
Rodney avenue	187	" "	8 and 10	May 28, 1891	632	Sept. 22, 1891	J. B. Slemmons	666.30
Knott street	195	" "	8	July 2, 1891	518	Nov. 27, 1891	" "	482.80
Harding street	170	" "	12	Jan. 30, 1891	864	May 6, 1891	Shryock & Brooke	1,186.40
Margaretta avenue	159	" "	12	Dec. 29, 1891	1330	April 9, 1891	Peter Lynch	1,838.37
Chapman street	188	" "	8 and 10	May 16, 1891	962	July 2, 1891	J. B. Slemmons	1,233.50
Sellwood street	151	" "	8	—, 1891	219	Feb. 26, 1891	Peter Lynch	243.27
Total					6262			\$ 7,938.54

UNFINISHED SEWER WORK OF 1890 FINISHED IN 1891—(WEST SIDE).

NAME OF SEWER.	No. of Ord.	Kind of Pipe.	Size of Pipe in inches.	Date of Contract.	Est. Length in feet.	Date of Acceptance.	Name of Contractor.	Contractor's Bid.
Clay street	6382	Terra Cotta	10 and 12	Nov. 6, 1890	665	June 27, 1891	John Gibson	\$ 1,115.10
Eighth street	6400	" "	12	Nov. 22, 1890	413	June 8, 1891	W. D. O'Regan	592.90
Ella street	6404	" "	9	Nov. 22, 1890	268	June 31, 1891	James Frañey	312.72
L street	6383	" "	9	Nov. 22, 1890	338	March 24, 1891	W. D. O'Regan	443.64
Jefferson street	6381	" "	12 and 14	Nov. 22, 1890	901	May 22, 1891	" "	1,472.85
Jefferson and 13th sts.	6374	Brick and stone	24	Oct. 9, 1890	1070	Jan. 13, 1891	E. W. Kiner	5,997.62
12th and Market sts	6538	Terra Cotta	12 and 18	Oct. 18, 1890	1885	Jan. 27, 1891	John Gibson	4,197.88
O street	6399	" "	12	Nov. 22, 1890	850	June 8, 1891	W. D. O'Regan	1,208.00
P street	6255	" "	12 and 14	Aug. —, 1890	3167	March 24, 1891	E. W. Riner	7,800.47
South Third street	6234	" "	9	Nov. 22, 1890	663	April 6, 1891	W. D. O'Regan	742.15
Thirteenth street	6423	" "	12	Dec. 8, 1890	560	Jan. 27, 1891	J. B. Slemmons	1,098.35
Montgomery street	6401	" "	12	Nov. —, 1890	487	Feb. 20, 1891	W. D. O'Regan	919.10
Total					11267			\$25,900.78

UNFINISHED SEWER WORK OF 1891—(ALBINA DISTRICT).

NAME OF SEWER.	No. of Ord.	Kind of Pipe.	Size of Pipe in inches.	Date of Contract.	Est. Length in feet.	Name of Contractor.	Contractor's Bid.
Mississippi avenue	6906	Terra Cotta	12	Oct. 10, 1891	1212	Patrick Towey	\$1,799.73
Total					1212		\$1,799.73

ELECTRIC LIGHTS—(WEST SIDE)

On December 8th, 1890, the city was paying for 786 incandescent lights, nominally of 16-candle power, at the rate of \$2.05 per month; 33 arc lights, nominally of 2000-candle power, at \$15.00 per month, and 20 such arc lights at \$10.00 per month. On December 8, 1891, the city was paying 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, an increase of 146 arc lights and a decrease of 65 incandescent lights. On May 13, 1891, a contract was entered into by the City of Portland with the Willamette Falls Electric Co. (to take effect April 8, 1891) which provided, among other things, that the 16-candle power incandescent lamps then in use should be discontinued and 25-candle power lamps substituted therefor. Up to this time the city was paying \$15.00 per month each for 31 arc lights and \$10.00 per month each for the balance of the arc lights, and \$2.05 per month each for incandescent lights.

ELECTRIC LIGHT BILLS FOR 1891—(WEST SIDE).

December 8th, 1890 to January 8th, 1891	\$ 2,370 50
January 8th to February 8th	2,382 50
February 8th to March 8th	2,461 39
March 8th to April 8th	2,537 65
April 8th to May 8th	2,313 00
May 8th to June 8th	2,273 40
June 8th to July 8th	2,418 69
July 8th to August 8th	2,607 08
August 8th to September 8th	2,682 40
September 8th to October 8th	2,718 44
October 8th to November 8th	2,916 26
November 8th to December 8th	3,123 52
Total	\$30,804 83

EAST PORTLAND ELECTRIC LIGHT PLANT—MONTHLY BILLS.

1891.

January	\$ 550 00
February	504 00
March	504 00

April	504 00
May	504 00
June	504 00
July	500 50
August, to September 1st	500 50
Total	\$ 4,071 00
Cost of maintaining City Elec. Plant, Sept. 1, 1891 to Jan. 1, 1892	4,653 77
Cost of City plant	38,486 32
	\$47,211 09

ALBINA DISTRICT ELECTRIC LIGHTS—(BILLS, ETC., 1891).

January	\$ 99 00
February	107 25
March	107 25
April	110 00
May	146 45
June	410 23
July	667 60
August	781 50
September	794 00
October	794 00
November	794 00
December	794 00
Total	\$5,605 28

Number of lights January 1, 1891, 36 incandescent. Number of lights up at this date, January 1, 1892, 60 arcs and 16 incandescent. Cost of each arc light per month prior to July 1, 1891, \$15.00; cost of each arc light since July 1, 1891, \$12.50; cost of each incandescent light per month, \$2.75.

OIL LAMPS.

During the year 12 old lamps and fountains have been sold to the town of Klaskanue for \$42 and the money turned over to the City Treasurer.

PARK BLOCKS.

For several years no attention has been paid to the condition of these blocks, save such as was necessary to keep the sidewalks and crosswalks around them in a fair state of repair. The trees in and around the blocks should be carefully trimmed and the ground dug up and enriched.

The Chapman and Lownsdale squares are a great resort during the summer months and it is the intention of the Park Committee at an early date to have the band stand repaired and painted. Two drinking fountains have been purchased by the city, one for each square, which are to be placed in position in a short time. A contract has also been made for supplying seats, and with a moderate outlay for trimming trees, procuring additional shrubbery and improving the walks, these squares can be made very attractive.

THE CITY PARK

Has been improved very materially during the past year. Considerable new ground has been broken and cleared up, shrubbery thinned out, pathways made and additional landscape gardening carried on. The roadway leading through the Park from the entrance at Jefferson street should be macadamized during the summer, as during the past winter, being only a dirt road, it was impassable for teams, and persons visiting the Park in vehicles were obliged to enter and return by the Washington street entrance. The extension of the cable railway out Jefferson street, which will be completed by May, will afford increased facilities for visiting the Park as there will be a stopping place at the south end, while the terminus of the road lies about 300 yards west of the Park.

The following improvements were made in the City Park during the year 1891: 8 acres grubbed, ready to be sown; 5 acres seeded and in grass; 800 feet of flower beds; 600 feet of road macadamized; 2000 feet of pathways; 300 loads of ashes for the above; 300 loads of manure for flower beds; 1 Rustic bridge, 60 feet long, and 40 garden seats.

The following houses and cages were also built: 1 green house, 42x18 feet; 1 animal cage, 32x16; 1 monkey cage, 22x17; 1 pea-fowl cage, 30 feet in diam.; 1 pheasant cage, 24 feet in diam., and 1 bird cage, 24 feet in diam.

A very handsome fountain was also purchased by the city at a cost of \$495. As soon as the weather will permit, the fountain and basin will be constructed and the fountain properly set and painted.

On the east side of the river the city has, in what was formerly Albina, a tract of land embracing 30 acres, purchased for park purposes, but no improvements have been made upon it. The city also has a tract of about five acres in Holladay's addition to what was formerly East Portland, but no improvements were ever made save fencing in the same and trimming up the trees, and at the present time the title to said tract of land is in litigation.

The following statement shows the

AMOUNT EXPENDED UPON PARKS AND PUBLIC GROUNDS.	
Park-keeper's salary	\$ 1,200 00
Labor in park, west side	7,870 52
Fountain at inter. of Goldsmith and Russell streets, East side . .	448 00
“ “ Mississippi ave. and Beech st., “ “ . .	345 00
“ “ Williams ave. and Russell st., “ “ . .	345 00
“ City Park, west side	495 00
Seven fountains, located as follows: At intersection of U and 5th streets, M and 5th, I and 5th, Division and 11th, J and 12th Holladay avenue and 12th, Holladay avenue and Elm street, all on the east side	1,015 00
Two fountains for Plaza blocks, west side	148 00
Miscellaneous expenses	3,132 71
Total	\$14,999 23

IMPROVEMENTS IN PORTLAND, ALBINA AND EAST PORTLAND DISTRICTS.

PORTLAND.		
	Lineal Feet	Miles.
Gravel streets	33,642	6.37
Macadam	220,055	41.67
Stone block pavement	19,075	3.61
Plank roadway	7,140	1.35
Bridging	12,017	2.27
Graded and sidewalks	113,336	21.46
Bituminous rock	3,560	.67
Total improved streets	408,825	77.40

Sewers	222,331	42.11
Sidewalks	753,116	142.6
Crosswalks	129,068	24.4

EAST PORTLAND.

	Lineal Feet.	Miles.
Gravel streets	102,820	19.47
Plank roadway	1,410	.27
Bridges	15,964	3.02
Graded and sidewalks	42,885	8.12

Total improved streets 163,079 30.88

Sidewalks	297,646	56.3
Crosswalks	57,024	10.8

ALBINA.

	Lineal Feet.	Miles.
Gravel streets	12,809	2.42
Plank roadway	15,530	2.94
Bridges	2,081	.39
Graded and sidewalks	51,575	9.76

Total improved streets 81,995 15.5

Sewers	17,975	3.4
Sidewalks	152,038	28.79
Crosswalks	23,904	4.52

CLASSIFIED IMPROVEMENTS.

BRIDGES.

	Lineal Feet.	Miles.
Portland	12,017	2.27
Albina	2,081	.39
East Portland	15,964	3.02
Total	30,062	5.69

PLANK ROADWAY.

	Lineal Feet.	Miles.
Portland	7,140	1.35
Albina	15,530	2.94
East Portland	1,410	.26
Total	24,080	4.56

GRAVEL STREETS.

	Lineal Feet.	Miles.
Portland	33,642	6.37
Albina	12,809	2.42
East Portland	102,820	19.47
Total	149,271	28.27

STREETS GRADED AND SIDEWALKS LAID.

	Lineal Feet.	Miles.
Portland	113,336	21.46
Albina	51,575	9.76
East Portland	42,885	8.12
Total	207,796	39.35

MACADAMIZED STREETS.

	Lineal Feet.	Miles.
Portland	220,055	41.67
Albina	-----	-----
East Portland	-----	-----
Total	220,055	41.67

STONE BLOCK PAVEMENT.

	Lineal Feet.	Miles.
Portland	19,075	3.61
Albina	-----	-----
East Portland	-----	-----
Total	19,075	3.61

BITUMINOUS ROCK PAVEMENT.

	Lineal Feet.	Miles.
Portland	3,560	.67
Albina	-----	-----
East Portland	-----	-----
Total	3,560	.67

SEWERS.

	Lineal Feet.	Miles.
Portland	222,331	42.11
Albina	17,975	3.4
East Portland	-----	-----
Total	240,306	45.51

LENGTH OF IMPROVED STREETS.

	Lineal Feet.	Miles.
Portland	408,825	77.42
Albina	81,995	15.5
East Portland	163,079	30.88
Total	653,899	123.80

ELECTRIC LIGHTS.

	Arc.	Incan- descent.
Portland	199	721
Albina	60	16
East Portland	151	—
Total	310	737

COST OF ELECTRIC LIGHTS FOR 1891.

Portland	\$30,804 83
Albina	5,605 28
East Portland	4,071 00
“ “ Electric Plant	38,486 32
Maintaining plant	4,653 77
Total	\$83,621 20

STREET CAR TRACKS.

There are now completed within the city limits 19.92 miles of double track and 27.91 miles of single track, equal to 67.75 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, west side	Horse		1.80
Multnomah “ “	Electricity	4.80	
City & Suburban St. R'y, west side	* Horse	5.74	1.92
“ “ “ east side	Steam & elect.	3.40	15.20
Metropolitan “ west side	Electricity	2.76	1.38
Portland Cable R'y, west side	Cable	2.32	
Portland & Vanc. R'y, east side	Steam		4.50
Mt. Tabor St. R'y, east side	Steam & elect. . . . .	.9	1.70
West Portland R'y, west side	Electricity . . . . .		.21
East Side R'y	Electricity		1.20
Total		19.92	27.91

*Now being changed to an electric road.

Of the above, 2.28 miles of double track and 4.41 miles of single track were laid during the year 1891. The Portland Cable Railway Co. are now constructing an extension to their line, out Jefferson street to a point west of the City Park, consisting of 1.25 miles of double track which will probably be completed and in running operation by the first of next May.

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.

PROPERTY IN CHARGE OF SUPERINTENDENT OF STREETS.

- | | |
|--|-------------------------------------|
| 5 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. |
| 4 Water permit books. | 1 Straight edge. |
| 4 Sewer permit books. | 1 Protractor. |
| 6 Requisition books. | 2 Glass paper weights. |
| 10 Sidewalk notice books. | 3 Pair of scissors. |
| 3 Building permit books. | 2 eyelet punches. |
| 3 Notice books (re-fill holes). | ½ Roll profile paper. |
| 4 Sewer record books. | 8 Spittoons. |
| 3 Grading permit books. | 10 Ink stands. |
| 3 Electric light books. | 2 Maps of City of Portland 1873-82. |
| 2 Plumber's record books. | 1 Small flat rule. |
| 1 Register book. | 1 Small T square. |
| 1 Record (sidewalks and crosswalks). | 4 Steel erasers. |
| 5 Stoves. | 1 Feather duster. |
| 1 4 light } Chandeliers. | 1 Ink well. |
| 4 2 light } | 2 Scales (triangular). |
| 2 1 light } | 10 Small paper files. |
| 1 Gas drop-light stand. | 4 Waste baskets. |
| 2 Draughting board and trusses. | 1 Letter press, size "B." |
| 2 Small draughting boards. | 1 Record of animals in City Park. |
| 1 Umbrella stand. | 1 Record, history of bridges. |
| 37 Pasteboard boxes for specifications, etc. | 1 Record, authorizations. |
| 20 Books, removal of obstructions. | 1 Record, permit to move buildings. |
| 1 Typewriter, table and copyholder. | 1 Ink slab (slate). |
| 15 Harp files. | ½ Dozen wood scrolls. |
| 1 Blue printing frame. | ½ Roll blue-print paper. |
| 1 Set of draughting instruments. | 367 Maps, plans, etc. |
| 1 Ice tank. | 1 Large rubber triangle. |
| 3 Carpets, (one old). | 4 Coal scuttles, tongs, etc. |
| 5 Oil-cloth carpets. | 1 Patent rubber stamp |
| 1 Cane seat revolving chair. | 5 Mucilage wells. |
| 10 Cane seat arm chairs. | 1 Walnut revolving chair } all |
| 1 Wood seat arm chair. | 3 " arm chairs. } uphol's'd. |
| 1 Long table. | 3 Ash arm chairs. } leather. |
| 1 Round table. | 1 Case of drawers. |
| 4 Small tables. | 1 Wardrobe. |
| 1 Roll top desk (walnut). | 1 Bookcase. |
| 1 Ash top desk. | 1 7 ft. counter, oak top |
| 4 Pocket steel taps (3 feet). | Partitioned for books. |
| | 1 Bench. |

TOOLS IN CHARGE OF STREET REPAIRER.

- | | |
|--------------------------------------|------------------------------------|
| 2 Adze, in bad order. | 2 Monkey wrenches. |
| 5 Axes, two bad order. | Nails ¼ keg, 10 p. |
| 1 Auger, 2 inch. | 1 Oil can, small. |
| 1 Auger, ¾ inch. | 2 Oil coats, old. |
| 2 Bits. | 9 Old buckets. |
| 2 Braces, one worn out. | 9 Picks. |
| 2 Barrels Portland cement. | 5 Pitch-forks. |
| 9 Bolts, 1x24 with nuts and washers. | 1 Pinch bar. |
| 2 Crow bars. | 7 Pole hooks. |
| 1 Chain, ¾ inch 15 feet long. | 1 Pike hook. |
| 6 Cross-cut saws. | 1 Pump, iron. |
| 1 Cold chisel. | 6 Pair gum boots, worn out. |
| Coal tar, 40 gallons. | 1 Rake. |
| Coal oil, 5 gallons. | 1 Rope and tackle. |
| 1 Cant hook. | 1 Rope and block. |
| 1 Dolly. | 1 Rope, ½ inch 225 feet long, old. |
| 3 Files. | 1 Rope, ¾ inch 50 feet long, old. |
| 1 Grind stone. | 1 Rope, ¾ inch 150 feet long, new. |
| 4 Hand saws, two worn out. | 1 Shovel, long. |
| 1 Hand truck. | 1 Spade. |
| 1 Hand lumber truck. | 1 Saw clamp. |
| 4 Hatchets, two in bad order. | 1 Square. |
| 1 Horse. | 2 Sewer drags. |
| 1 Hose, 150 feet ½ inch. | 2 Snow shovels. |
| 3 Hoes. | 80 Screens, wire for catch basins. |
| Harness, one set old. | Sidewalk nails, ¼ keg. |
| Harness, one set new. | Sewer pipe, 7 pieces all sizes. |
| 1 Hammer, sledge. | 1 Scythe, bad order. |
| 1 Hammer, stone. | 1 Steel bar 1" — 5 feet long. |
| 2 Hammers, paving. | 1 Tool box. |
| 3 Hammers, spiking. | 1 Wagon jack. |
| 1 Iron rod with hook. | 1 Windlass and two buckets. |
| 8 Jacks and six bars. | 3 Wheel harrows, 1 broken. |
| 1 Ladder, 20 feet long. | 1 Wagon, old. |
| 8 Lanterns, 4 worn out. | 1 Wrench, iron, large. |

LIST OF PROPERTY IN CITY PARK.

7 Axes, 3 in bad order.	5000 Flower pots.
1 Axe, hand.	2 Sledges.
4 Augers, 1 in bad condition.	4 Small augers.
2 Blocks and 100 ft of rope.	1 Saw set.
3 Closets, tank.	1 Hammer.
2 Cross-cut saws, 1 old.	4 Good picks, 2 bad order, 3 worn out.
2 Carts.	16 Grubbing hoes.
2 Cups and chains.	15 Shovels good, 10 bad and 1 worn out.
2 Chisels.	3 Iron bars.
6 Cups, worn out.	3 Sledge hammers.
1 Extension bit.	12 Rock hammers.
1 Force pump, bad order.	2 Wheel barrows.
2 Forks.	5 Wheel barrows, 2 worn out and 3 bad order.
1 Grind stone, bad order.	1 Wooden rake, worn out.
2 Spades, worn out.	2 Harness sets.
2 Sickles.	1 Horse.
3 Iron rakes.	8 Pad-locks.
2 Potato hooks.	8 Lawn Sprinklers.
1 Pump.	1 Hand pump, good.
2 Hand saws, 1 in bad order.	1 Hand pump, worn out.
2 Brush scythes.	1 Lantern.
2 Lawn Mowers.	2 Wedges.
3 Grass scythes, 1 worn out.	300 Feet hose, bad order.
1 Wooden rake, bad order.	525 Feet hose, good.
1 Pike pole and hook.	150 Feet hose, worn out.
2 Iron Wedges.	10 Hot bed sash.
1 Hoe, potatoe.	
1 Rock hook.	
1 Watering can, bad order.	

PUMP HOUSE (STEAM PLANT.)

1 48 in. x 12 feet cylindrical boiler and fixtures, 40 horse power.	1 Feed water heater.
1 $\frac{3}{4}$ in 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 monkey wrench.
1 Steam gauge.	1 2 inch pipe die stock.
1 $\frac{3}{4}$ in. check valve.	1 1 inch pipe die stock.
3 $\frac{3}{4}$ in. globe valves.	Pipe dies $\frac{1}{4}$ in., $\frac{3}{8}$ in., $\frac{1}{2}$ in., $\frac{3}{4}$ in., 1 in., $1\frac{1}{4}$ in., $1\frac{1}{2}$ in., 2 in.
1 $\frac{1}{2}$ in. globe valve.	5 Twist drills
1 2 inch check valve.	5 Taps $\frac{1}{4}$ in. to 1 in.
2 $1\frac{1}{2}$ inch globe valves.	1 Chain tong No. 3.
2 2 inch globe valves.	1 Stilson wrench.
1 Water column drip pan (brass).	2 Pipe cutters 1 in. x 2 in.
$\frac{1}{2}$ Set 24 in. grate bars on hand.	1 Drill ratchet.
1 10x6x10 duplex steam pump.	3 Balls lamp wicking.
1 $\frac{2}{3}$ pint S. D. lubricators.	1 Ball asbestos packing.
1 Engine register.	5 Gallons Cylinder oil.
1 Pressure gauge.	5 Gallons Machine oil.
1 $\frac{3}{4}$ inch globe valve.	8 Gallons Kerosene oil.
1 4 inch check valve.	1 4 inch bench vise.
1 4 inch gate valve.	1 Scoop shovel.
1 $1\frac{1}{2}$ inch gate valve.	50 Feet $\frac{1}{2}$ inch hose and nozzle.
1 5 inch gate valve.	3 Files.
1 5 inch angle valve.	3 File handles.
1 5 inch foot valve.	1 Squirt oil can.
1 5 inch water tee.	1 Feeder oil can.
33 Feet 5 inch pipe.	1 Broom.
14 Feet 4 inch pipe.	1 Fire hoe.
2 Brass drip pans.	1 $1\frac{1}{4}$ inch square reamer.
4 $\frac{3}{8}$ globe valves.	1 $1\frac{1}{4}$ inch solid wrench.

LIST OF ANIMALS IN THE CITY PARK.

2 Elk.	1 Wild-cat.
8 Deer.	100 White Rats.
1 Grizzly Bear.	4 Pea Fowls.
1 Cinnamon Bear.	2 Chinese Pheasants.
2 Black Bears.	4 Quail.
1 Coyote.	10 Canaries.
1 Grey Fox.	1 Japanese Paroquet.
1 Red Fox.	3 Japanese Sparrows.
1 Cougar.	2 Bald Eagles.
1 Mountain Lion.	2 Grey Eagles.
1 Badger.	2 Turkey Buzzards.
4 Monkeys.	2 White Owls.
1 Polecat.	1 Grey Owl.
1 Squirrel.	3 Chicken Hawks.
1 Coon.	1 Kangaroo.
1 Ant-eater.	1 Seal
10 Guinea-pigs.	

CITY SURVEYOR'S REPORT.

CITY SURVEYOR'S OFFICE,
PORTLAND, OR., January 2, 1892. }

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

GENTLEMEN :—In accordance with the provisions of the City Charter, I herewith submit my annual report of this department for the year ending December 31, 1891, in tabulated form, of Street and Sewer work, done and estimated, together with Street Extension Surveys, work done under permit, and inventory of property.

This report shows, as concisely as possible, work in detail, to which it is perhaps unnecessary to add more than a few passing remarks.

In this connection I would say, that under the consolidation act some seventeen square miles of territory was added to the city, increasing its area about four and one-half times its original size. As is well known, a large portion of this acquired territory is comparatively new and unimproved. The rapid development of that section renders a vast amount of surveying necessary; for instance: In order to carry out your instructions to establish grades on various streets throughout the city, some 95 miles of levels have been taken, and profiles

platted. This work is very necessary, as without those, no intelligent and comprehensive system of grades and drainage could be adopted.

A large number of monuments located throughout the city, and many more are needed. This is a work which requires considerable time and care to successfully accomplish with accuracy, as in my opinion too much pains cannot be taken establishing monuments.

In closing, I desire to thank your Honorable Body for many courtesies shown.

I remain your obedient servant,

T. M. HURLBURT,
City Surveyor.

INVENTORY OF PROPERTY IN CITY SURVEYOR'S DEPARTMENT AT END OF 1891.

4 Tables.	4 Iron line rods.
4 Draughting tables and trusses.	1 Eyelit punch.
4 Stoves and pipe.	1 Box eyelits.
3 Office stools.	1 Arm-rest.
3 Office Desks.	3 Engineers scales.
1 Roll top desk.	3 Rolls tracing cloth.
4 Coal scuttles.	3 Rolls blue print paper.
6 Cuspidores.	½ Dozen rubber triangles.
4 Double gas fixtures.	3 French curves.
2 Double drop lamps.	1 T square.
10 Chairs.	1 Straight edge.
2 Room linolium.	1 Hone protector.
1 Map of City, in three parts, old.	6 Order books.
1 Surveyor's level and box.	2 Packages brass tacks.
1 Dumping level and box.	6 Plumb bobs.
2 Transits and boxes.	2 Dozen field books.
1 Dozen rubber erasers.	1 County Map.
2 Metal erasers.	2 Grade books.
6 Iron paper weights.	3 Grade charts.
1 Map case.	5 Certificate books.
1 Estimate sheet case with drawers.	6 Window shades.
1 Map index.	1 Lewis & Dryden atlas.
1 Profile index.	2 Map racks.
Maps, profiles, record books, indexes, draughting paper, pens, inks, pen-holders, rubber bands, rubber stamps, and miscellaneous draughting instruments.	2 Map portfolios.
1 Hasswell engineering book.	100 Copies of recorded plats.
1 Carpet, new.	1 Copy press and stand.
6 Axes.	1 Duster.
6 Wooden flag poles.	100 Lithographed grade charts.
	1 Beam compass.
	20 Feet office railing and fixtures.
	1 City Directory.
	1 Map of Albina.

POLICE JUDGE'S REPORT.

OFFICE OF THE POLICE JUDGE, CITY OF PORTLAND, }
 PORTLAND, OR., December 31, 1891. }

To the Hon. 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. 1891, with the fines and costs collected therein. The following is a summary of the same:

First Quarter, ending March 31, 1891—

No. of state cases	204
No. of city cases	940
Total	1144
Fines collected in state cases	\$ 649 40
Fines collected in city cases	3051 00
Costs collected in state cases	87 50
Costs collected in city cases	00 00
Received from Jailor, fines imposed during previous quarter and not shown on this abstract	30 00
Total	\$3817 90

Second Quarter, ending June 30, 1891—

No. of state cases	238
No. of city cases	955
Total	1193
Fines collected in state cases	\$ 670 00
Fines collected in city cases	3118 00
Costs collected in state cases	150 00
Costs collected in city cases	00 00
Total	\$3938 00

Third Quarter, ending September 30, 1891—

No. of state cases 369
 No. of city cases 783

Total 1152
 Fines collected in state cases \$ 670 00
 Fines collected in city cases 2480 00
 Costs collected in state cases 187 50
 Costs collected in city cases 00 00

Total \$3337 50

Fourth Quarter, ending December 31, 1891—

No. of state cases 296
 No. of city cases 925

Total 1221
 Fines collected in state cases \$ 705 00
 Fines collected in city cases 3057 00
 Costs collected in state cases 62 50
 Costs collected in city cases 00 00

Total \$3824 50

RECAPITULATION.

Total for quarter ending March 31, 1891 \$3817 90
 " " " " June 30, 1891 3938 00
 " " " " September 30, 1891 3337 50
 " " " " December 31, 1891 3824 50

Total for year ending December 31, 1891 \$14,917 90

Very respectfully,

CHAS. H. CAREY,
Police Judge of the City of Portland.

POLICE COMMISSIONERS' REPORT.

PORTLAND, OR., December 31, 1891.

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

GENTLEMEN:—We respectfully present this our report of the expenses of the Police Department for the past year, in tabulated form. The amounts estimated, appropriated and expended for the various sources of expenses are as follows:

APPROPRIATIONS.	Estimated.	Expended.
Pay of police	\$67,068 00	\$68,074 50
Board of prisoners	3,600 00	3,047 16
Expense of police building	1,000 00	3,663 93
Hospital for indigent sick	750 00	590 05
Medical attendance	300 00	52 50
Contingent expenses	500 00	22 92
Patrol call boxes	8,000 00	8,876 30
Telephone boxes	450 00	
Feed for horses	750 00	
Three horses	400 00	
Patrol wagon		1,163 17
Total	\$82,818 00	\$85,490 53

We also herewith submit our estimate of the cost of conducting the Police Department for the year 1892, as required by section 73 of the City Charter. Said estimate was made after a very careful consideration of the matter. Owing to persistent

demands and numerous petitions of taxpayers and residents in the outlying districts of the city, it will be necessary, in order to give a portion of the police protection prayed for, to materially increase the number of regular policemen on the east side of the river. This will entail considerable expense in the fitting up of jails and offices and putting in a call box system for that portion of the city.

The Police Commissioners have been laboring under considerable disadvantage during the latter half of the year just past, occasioned by the providing of additional police protection for the east side of the river, for the payment of which no appropriation was made by your honorable body. The carrying out of various matters which the Board of Police Commissioners had in view for bettering the Police Department on this side of the river had to be abandoned, in order that the money intended for that purpose might be applied to the payment of police for East Portland and Albina. Said estimate is as follows:

For pay of 1 chief of police	\$ 3,000
" " 10 captains of police	15,000
" " 1 clerk Board of Commissioners	1,200
" " 1 clerk chief of police	1,500
" " 7 detectives	8,400
" " 5 officers Health Department	5,400
" " 4 patrol wagon drivers	4,320
" " 4 officers for patrol wagons	4,320
" " 2 jailers	2,160
" " 2 prisoner guards	1,800
" " 1 Humane officer	1,080
" " 1 Boys and Girls' officer	1,080
" " 1 matron	720
" " 9 specials	108
" " 73 regular policemen	78,840
" " 1 patrol wagon, harness and fittings	900
" " 5 horses for patrol wagons	625
" " 5 horses for mounted police	500
" " 5 saddles and bridles	150
" " 15 new call boxes, complete	6,500

For pay of 1 electrician	600
" " 1 lineman	300
" expense police buildings	6,500
" board of prisoners	4,500
" care indigent sick	1,000
" medical attendance	500
" contingent expenses	500
" expense patrol wagons, including feed for horses	1,000
Total	\$152,503

Accompanying this report we hand you, as part thereof, the report of S. B. Parrish, chief of police, showing in detail the condition and work of the police force during the past year.

We have the honor to remain, yours, respectfully,

B. P. CARDWELL,
JOS. SIMON,
FRANK L. LOGAN,

Board of Police Commissioners.

ANNUAL REPORT

—OF—

S. B. PARRISH, CHIEF OF POLICE.

For the Year Ending Dec. 31, 1891.

OFFICE OF THE CHIEF OF POLICE, }
PORTLAND, OR., Dec. 31, 1891. }

*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, 1891, as follows:

During the year just past there has been nothing of importance occur to this department, except the taking effect of consolidation of the three cities of Portland, East Portland and Albina, which has called for the utmost care in the financial management of all the branches of the Police Department in order that the fund, which was estimated at the beginning of the year 1891 as sufficient for said year, should not be exhausted by reason of the extra expense of putting in a police system on the east side of the river. Owing to the uncertainty of any relief coming from the Common Council to meet this extra expense, many needed repairs and improvements in and around the police station were omitted; and yet, with all these and other precautions, there is a deficiency in the Police Department Fund of some \$1800 at the present time, and as a part of this is for salary due the members of the Police Department, I respectfully recommend that some action be taken by your honorable body towards providing means to meet said deficiency.

Another matter of some importance was the completion of the police alarm telegraph system. It seems proper for me, in this report, to make some reference to this matter, although the electrician, Mr. A. J. Coffee, in his report to your honorable body, has fully covered the same.

When the system was first introduced and operated by this department it, like most other innovations, failed to give entire satisfaction; but at this time, after a year's trial, I have nothing but praise for the system, as it is now in good operation and rendering excellent services; its value for police purposes can hardly be overestimated, for by means of it instantaneous communication can be had with every policeman on beat on the west side of the river. The importance of this in cases of great disturbances or riots can readily be understood.

THE POLICE TELEPHONE AND SIGNAL SYSTEM.

The system, in brief, is the establishment of telephone stations at intervals along the beat traveled by the patrolman, so that the latter, if he desires to communicate with the station for the purpose of calling assistance, or for any other reason, simply stops at the first telephone box and makes his wants known to the officer in charge. It is unnecessary to point out to any one who has been connected with the police service the immense advantage of the new system. The patrolman is often miles away from his station, and while he is making the trip, perhaps to report some trivial occurrence, the district is open for all kinds of crime. Suppose some terrible crime has been committed, or say a dangerous riot threatened, and it becomes necessary to at once notify all officers to look out for the criminal, or to rally to resist public violence, how utterly inadequate are the old methods.

The district connected with a station is divided into any number of posts or beats. On each of the beats there is erected a box, or house, similar to a sentry-box, octagonal in shape, two feet five inches in diameter and about seven feet high, painted a bright color. The doors of the boxes are secured by a patent trap lock that retains the key, and as none but police officers are

in possession of the release key, the person opening any of them must await the arrival of an officer or lose his key; and, as each of the keys is numbered and a record kept of the name and residence of the person holding it, any one giving a false alarm can be easily detected. Inside of the house, or sentry-box, described there is a box about the size of a fire alarm box, and through an opening in the end of this box projects a lever; inside of the box there is a telephone and the usual mechanical contrivance for transmitting the arbitrary call. None but officers are in possession of keys for the inside boxes.

All inside boxes are connected with the station in the same manner as the fire alarm, and the signal is registered on the same kind of a register in use in all electric fire-alarm systems. A person wanting the services of a policeman opens the outside door and pulls down the lever at the side of the box, and the signal is immediately registered in the station, where there is a detail of three men with a horse and wagon, who are furnished with all the facilities for quick hitching, and who immediately respond to all calls. The officer on post is required to report by telephone once an hour at night and day. He can also receive information of crime committed in any other part of the city, and is required to report all that comes to his notice of any importance, at any time during the day or night, without leaving his post. In cases of emergency he can use the arbitrary call, which will bring the patrol wagon to any box, or he can use the telephone and have assistance at any place that he may designate.

The fire department bell is used also as an alarm bell for the police station, and in case of murder, burglary, larceny or other crime of which the entire force should be notified, immediately a signal will be struck. On hearing this, every officer on duty will report at the box on his post, when all can be informed of what has been done, and the officer in command can bring all his men to any given point if required.

The system is capable of almost indefinite extension, as the signal boxes can be placed in business houses, banks, private residences, etc., thus communicating directly with the police

station. The results of the workings of the system, where in use, are in the highest degree satisfactory. The arrests have nearly doubled, and there has been a marked decrease in the crimes reported.

The patrol wagons are models of convenience and adaptability for the work. They combine lightness and strength. They are fitted with an alarm gong similar to the fire department vehicles, and can go in a hurry for an alarm. Under the seats, which run lengthwise on each side of the box, are compartments for handcuffs, comealongs, clubs, blankets, canvas stretchers, ropes and other articles that are found necessary or convenient. The stretcher is ingeniously arranged and is the most perfect device for the purpose desired. The stretcher, when not in use, is rolled up on the poles and placed in one of the compartments under the seat. When required for use, the stretcher is drawn out through a small door at the end of the wagon, and four hooks which accompany it are fitted in their proper places, two at each side of the wagon. In these hooks the poles attached to the sides of the stretcher are placed, and the canvas hangs free between the seats of the wagon, so that the jolting of the wagon is overcome. The stretcher can be lifted from the wagon and carried without disturbing the patient. For obstreperous prisoners there is a ring in the floor of the wagon box, to which the belligerent party can be tied down and secured.

I am so impressed with the usefulness and manifold advantages of the system that I thought it proper and for the best interests of the city to recommend that, as soon as it is possible, the system be introduced across the river, and that it be extended on the west side thereof. I feel certain that the lasting benefit, in the increased security to life and property which the people will derive from its use, will more than compensate the extra expense.

I presume it is unnecessary for me to remind your honorable body that the city has outgrown its police force beyond all reasonable proportion. If the use of the police alarm telegraph is provided for, it will probably supply immediate necessities; if not, the police force must soon be largely increased.

The fact that our present force is numerically insufficient to discharge the constantly increasing amount of service required is too well known to call for any argument here. All there remains to say now on the subject is the plain statement that the city of Portland would need to-day not less than seventy-five policemen. It is difficult to imagine how thirty-six patrolmen—the number at present employed—can reasonably be expected to perform work that should more appropriately be allotted to the former number.

PATROL WAGON AND TELEPHONE SYSTEM.

The introduction of the police patrol wagon and telephone system into the department has proved to be of incalculable benefit.

One of the most important features of the system is the instantaneous communication the officer on the beat has with his commander. By using the telephone apparatus in the patrol box, he reports at intervals of an hour, daily and nightly, the condition of his beat and receives orders from the station to which he is assigned without having occasion to leave his post.

Again, when it is necessary to call the wagon in case of riot or tumultuous gatherings, the loud-sounding gong and quickly driven wagon, dashing up with a fresh relay of officers to the scene, not only astounds the rough element, but disarms all resistance, and in a moment the prisoners are being whirled away to the calaboose and peace reigns once more, the officer on the beat remaining and continuing his patrol. Contrast this happy state of affairs with the old style. Heretofore, a turbulent drunken case would engage the attention of two or three officers, who would laboriously haul and drag their prisoner for squares to the station, leaving their beats exposed and returning blown and exhausted from their labors. The danger of such a proceeding during the night time, when no passing vehicle can be pressed into service, can be readily seen.

Such a dilemma as the foregoing has been discussed for years by practical police officials, and no remedy discovered until the police patrol wagon and telephone system came into vogue. I

predict that this valuable feature of the department will gain the strongest support from our merchants and all law-abiding citizens, and we shall have the satisfaction of witnessing a net-work of telephonic communication that will act as a trap to the thief, tough and chronic law-breaker, rendering them powerless or comparatively harmless.

SUGGESTIONS.

I submit that the department should be put in the highest state of efficiency that can be reached by means of proper expenditure of the police fund. The increased size of the city and the great number of dwellings erected in the outskirts call for an extension of the police patrol. This extension cannot be made with the present force without depriving the more central portions of the city of the protection to which it is entitled. In my judgment the remedy lies in a mounted police patrol, which should consist of not less than five men. The city should own the horses and keep them in good condition. The mounted police officer could give proper police service to a district many times as large as can be served by a patrolman on foot. I respectfully suggest that if there are funds enough available out of the appropriations for this year, interiors of the ground and top floors of the police station be entirely removed, and the space be cleaned out, ventilated and remodeled so as to provide for the accommodation of the different classes of arrests made by the department. As it now is, both the top and ground floors, and in fact the entire police station, is in a filthy condition, being full of cockroaches, lice and other vermin, beside being badly ventilated. It is desirable that when it becomes necessary to make an arrest of a citizen in good standing, on suspicion, that there be some decent quarters for his detention, and also a presentable place for the incarceration of witnesses.

Again, some steps should be taken for the better ventilation of the entire station.

The roof the patrol shed in the rear of the jail building is in a leaky condition, and the interior badly arranged for the accommodation of the patrol wagon and horses. There ought to be a

complete re-arrangement of the same so as to better provide for the operation and care of said branch of the Police Department.

ARRESTS BY MONTHS.

	No.
January	429
February	361
March	359
April	427
May	562
June	296
July	407
August	481
September	384
October	433
November	415
December	378
Total	4932

CRIMES FOR WHICH ARRESTED.

Roaming the streets	281
Abusive language	47
Larceny	277
Vagrancy	160
Begging	63
Assault and battery	156
Trespass	364
Carrying concealed weapons	39
Assault with dangerous weapons	27
Selling liquor to minors	4
Threat to commit felony	4
Obtaining money by false pretenses	27
En route	32
Assault to kill	8
Held as witness	32
Defacing building	29
Robbery	9

Cruelty to animals	7
Larceny by bailee	14
Gambling	112
Adultery	12
Rape	3
Mayhem	3
Murder	6
Forgery	19
Kidnapping	5
Deserters from United States army	4
Receiving stolen goods	5
Contempt of court	4
Attempt to rape	1
On telegrams	12
Incest	1
Bigamy	3
Threat to kill	16
Burglary	17
Keeping bawdy houses	12
Seduction	2
Perjury	2
Disorderly	690
Drunk and disorderly	445
Drunk	1978
Total	4932

LODGERS ACCOMMODATED.

Number of lodgers accommodated during the year 1891 is 445, and is by month as follows:

January	41
February	69
March	36
April	42
May	38
June	24
July	9
August	13

September	32
October	35
November	19
December	89
Total	445
No. of runs made by patrol wagon	3371
No. of lodgers	445
No. of days work by prisoners	6092

POLICE TELEGRAPH SYSTEM.

This branch of the service has been of incalculable value to the department since its adoption, and has given general satisfaction. Some difficulty has been experienced in the use of the telephone at night from the excessive induction caused by our wires being in near proximity to the electric light and power lines. The trouble is now greatly reduced, our lines having been moved away as far as practicable from the disturbing currents, and with a few changes yet to be made during the coming year, and the addition of a cut-out signaling and telephone switch, this difficulty will be practically removed. The signaling system is always available and is very reliable.

We have moved during the year nine and one-half miles of double line, one booth, and re-set three booths where sidewalks were re-laid. The system has been kept up to the standard at all times, and all line interferences were promptly removed, and at present is in first-class condition.

We have received over the wires from the several booths 262,813 reports. Each officer is required to report hourly. The patrol wagon has responded to 3371 calls from the booths.

RECOMMENDATIONS.

During the coming year it will be necessary to give the booths a coat of paint and to renew the local batteries in the booths, as those we have been using are exhausted. Regarding the placing

of new booths on the west side, and extending the system to the east side, which should be done without delay, I would recommend that 15 booths be purchased and located on the east side, and that an additional circuit be constructed connecting the same with the central and east side stations. Also that — booths be purchased for the west side and placed at the required localities, our present circuits to be extended to connect with them.

To make this addition to the system it will be necessary to construct about nine miles of double line—seven on the east side and two on the west side—at an average cost of \$150 per mile, and a double wire cable under the Madison street and steel bridge draw spans, 800 feet of cable in all, at a cost of \$350. The boxes and booths will cost \$230 each, and the necessary central office apparatus for the stations \$200, making a total of \$5350.

ESTIMATE FOR 1892.

The cost of maintaining the present system during the coming year—with the addition of a four-circuit signaling and telephone switch, removal of 25 booth batteries, line work, battery material and labor—will be about \$1500; with the addition of the east side, about \$1600.

INVENTORY AND VALUE OF SYSTEM.

Material—

25 police boxes, \$150	\$3750
24 police booths, " 80	1920
1 stable indicator	200
2 electric horse unhitchers, \$50	100
1 stable transmitter	100
1 four-pin register	100
1 telephone five-circuit switch	75
3 relays, \$20	60
1 time stamp and presser	50
1 time stamp controller	50
1 time stamp clock	10
3 galvanometers, \$10	30

1 instrument table	30
6 circular switches, \$3	18
3 liberating bells, \$5	15
2 telephone hook switches, \$3	6
1 double-bar switch	5
1 drop-shutter annunciator	5
25 safety fuse holders	
1 stable vibrating bell	5
1 stable key	3
2 ground switches, \$1.50	3
1 electrician's buggy	215
3 push-buttons	2
1 vibrating bell for battery room	2
1 galvanometer shelf	2
<hr/>	
Total	\$6756

Line and Material—

15 miles double No. 10 galvanized wire (insulated, weather-proof, on Electric Light & Telephone Co.'s poles), \$150	\$2250 00
1/2 mile No. 12 galv. iron wire (weather-proof)	17 50
250 iron pins, 6c	15 00
200 feet copper wire	50
10 lbs annunciator wire, 32c	3 20
50 wooden brackets, 4c	2 00
<hr/>	
Total	\$2288 20

Battery and Material—

100 No. 1 gravity calls complete	} in use {	\$100 00
75 LeClanchi " "		45 00
25 Bromley dry (90 per cent exhausted)		5 00
30 lbs bluestone, 7c		2 10
40 lbs old zinc		2 80
<hr/>		
Total		\$154 90

Tools—

1 ten-foot ladder	\$ 2 00
1 steel crowbar	5 00
1 shovel	50
1 strap and vise	2 50
1 work bench	5 00
1 vise bench	7 00
1 brush	50
1 ratchet brace	2 25
2 bits	75
1 saw (broken)	25
1 wrench	75
1 hammer	75
1 blow-pot (broken)	1 00
1 step-ladder	2 50
Total	\$30 75

LICENSES.

To the Hon. Board of Police Commissioners of the City of Portland:

GENTLEMEN: I herewith submit my annual report for the year ending December 31, 1891, 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. The increase in the business of said department is, of course, largely due to the additions to the city of Portland by reason of consolidation of the territories of Albina, East Portland, St. Johns and Fulton. In the discharge of said work I have had the assistance of but one man, Mr. J. L. Stewart, who has faithfully and carefully attended to all license matters on the east side of the river. Respectfully submitted,

ABE TICHNOR,
License Officer.

ANNUAL REPORT OF LICENSE OFFICER FOR YEAR 1891.

OCCUPATIONS.	FIRST QUARTER.		SEC'ND QUARTER.		THIRD QUARTER.		FOURTH QUARTER.		TOTALS.
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	
Beer	11	\$ 533 35	13	\$ 616 70	14	\$ 625 10	11	533 40	2,308 55
Hawkers	1	40 00			9	180 00	1	20 00	240 00
Cane racks and merry-go-rounds			1	33 35	2	100 00	2	83 35	216 70
Coal oil wagons	4	40 00	3	30 00	3	30 00	5	46 65	146 65
Scavengers	37	108 00	35	108 00	37	108 65	36	104 00	424 65
Livery stables	26	260 00	25	250 00	31	300 05	33	323 35	1,133 40
Billiard and pool tables	30	150 00	30	150 00	39	173 50	47	223 80	666 80
Hotel Runners	16	149 95	20	176 65	18	176 65	16	160 00	663 25
Coal oil storage	10	64 00	10	64 00	12	86 00	12	104 00	318 00
Wharfingers	5	170 00	5	170 00	5	170 00	17	236 65	746 55
Banks	8	200 00	9	216 65	13	308 35	13	325 00	1,050 00
Theaters	9	406 65	10	508 35	9	475 00	11	541 70	1,911 70
Powder	11	55 00	11	55 00	12	60 00	14	68 35	238 35
Shooting galleries	2	50 00	3	58 37	6	125 10	4	91 65	325 12
Real estate	33	440 00	3	45 00					485 00
Dancing schools	3	26 65	1	6 65	1	6 65	4	30 00	69 95
Auctioneers	9	320 00	7	266 65	7	213 35	10	386 65	1,186 65
Fortune tellers							1	35 00	35 00
Pawnbrokers	14	525 00	17	562 50	15	562 50	18	635 00	2,275 00
Second-hand stores	34	326 70	36	353 30	34	326 70	32	313 35	1,320 05
Street cars	5	585 40	5	512 50	5	512 50	8	1,246 25	2,856 65
Insurance brokers	37	370 00	38	366 70	42	420 00	43	430 00	1,586 70
Laundries	53	427 50	55	447 50	66	505 00	69	507 50	1,947 50
Peddlers	40	200 00	67	300 00	86	345 00	77	350 00	1,195 00
Vegetable peddlers	55	114 55	69	156 85	63	149 30	50	117 70	538 40
Express agents	3	75 00	3	75 00	3	75 00	3	75 00	300 00
Hack drivers	90	90 00	17	17 00	3	3 00	9	9 00	119 00
Exhibitions	6	126 65	5	130 00	15	2,190 10	9	96 70	2,543 45
Restaurant liquors							1	8 35	8 35
Bill posters	14	175 00	14	155 00	8	105 00	7	85 00	520 00
Employment agents	11	46 65	11	50 00	10	46 65	16	70 05	213 35
House movers	5	186 65	5	173 40	2	66 70	4	133 30	560 05
Grading teams	79	259 70	93	441 85	84	360 35	30	146 80	1,208 79
Money and real estate brokers	4	141 70							141 70
Hacks	57	270 00	46	206 65	48	230 05	50	255 05	961 75
Coupees	3	26 65	7	44 00	8	26 00	7	27 65	127 30
Gurneys (single)	3	19 00	5	17 00	2	8 00			44 00
Trucks	70	350 00	71	355 00	81	396 70	90	453 35	1,555 05
Drays	59	174 00	60	176 00	65	193 00	64	192 00	735 00
Omnibusses	3	15 00	3	15 00	3	15 00	3	15 00	60 00
Express solicitors							1	6 70	6 70
Carts	3	9 00							9 00
Single express wagons	137	388 00	131	373 00	149	414 00	151	437 00	1,607 00
Double express wagons	62	308 35	64	313 40	77	353 68	90	431 10	1,401 53
Liquors (saloon)	326	30,466 70	328	31,966 75	387	36,266 25	425	41,600 00	104,299 70
Grand Total									\$176,406 44

REPORT OF ACTING HEALTH OFFICER.

S. B. Parrish, Chief of Police and Health Officer:

SIR:—Herewith please find statement of work accomplished during the year ending December 31, 1891, under the requirements of ordinances Nos. 4202 and 2994. It began in lot 6, block 84, Couch addition, and ended in lots 3 and 4, block 56, Albina addition. Whole number of connections made with sewers, 1029, distributed as follows:

City proper	219
Couch addition	232
Caruthers' addition	207
Carter's addition	22
Watson's addition	79
King's First and Second additions	201
Goldsmith's addition	36
Albina addition	28
East Portland addition	5
Total	1029

Also, the following nuisances have been abated:

City proper	254
Couch addition	170
Caruthers' addition	72
Carter's addition	20
Watson's addition	27
King's addition	14
King's Second addition	20
Fulton	22
Portland Homestead	25
Southern Portland	18
Goldsmith's addition	6
Balch addition	16
Blackstone's addition	1
Sherlock addition	12
East Portland addition	105
Stephens' addition	16

Albina addition	76
East Albina addition	8
Sunnyside	14
St. Johns	6
Carter's addition (east side)	4
VanDuyn addition	1
Piedmont addition	1
Lincoln Park addition	2
Tibbetts' addition	10
Total	934

Dead animals removed from and buried by the city, 58, distributed as follows:

City proper	5
Couch addition	4
Caruthers' addition	3
Watson's addition	2
King's addition	1
Fulton	32
Portland Homestead	1
Southern Portland	1
Stephens' addition	1
East Portland addition	3
St. Johns addition	1
Albina addition	3
Carter's addition (west side)	1
Total	58

Obstructions to streets in shape of houses and barns torn down and burned, where detrimental to the public health, distributed as follows:

City proper, Fourteenth street	3
Caruthers, addition, Multnomah street	3
Couch addition, V street	1
Total	7

Total number of complaints	2960
Number served and complied with	2028
Leaving a balance of	932

Of the latter a greater part was so trivial as not to need a written notification, and the remainder was of personal spite, of which we cannot take part in.

The consolidation of the cities has increased the boundaries to such an extent that the present force is not able to cope with it as it should, and as one man should take the office work and see that the ordinance relating to infectious and contagious diseases is complied with, and to keep a record of the same and issue burial permits.

I would respectfully call your attention to the fact that the present force is limited, and would suggest that the same be doubled, as the work now covers such a great scope (22¹⁰⁰/₁₀₀ square miles), and in instances where one man attended to seven or eight complaints in a day, it now takes the greater part of a day to attend to one in many of the outlying districts.

Most respectfully submitted,

ROBERT AUSTIN,
Acting Health Officer.

REPORT OF HUMANE OFFICER.

To S. B. Parrish, Chief of Police :

Herewith please find statement of the work accomplished during the year ending December 31, 1891, under the requirements of Hill's Annotated Laws of Oregon, chapter vii, section 658, and city ordinance No. 3983, section 11 :

Number of cases reported to officer	263
“ “ found by officer without being reported	974
“ “ investigated	1237

Number of cases prosecuted	18
“ “ convictions	15
“ “ remedied without prosecution	1219
“ “ of horses taken from work	139
“ “ poultry being cruelly confined	152
“ “ horses cruelly abandoned to starvation	41
Animals humanely killed, as follows :	
Horses	41
Cattle	3
Dogs	19
Total	63

The above report shows an increase of work in the Humane Department of nearly 200 per cent over the year 1890, which, though it is not due to a greater amount of cruelty being practiced, but due to the fact of a more vigorous policy being enforced, and increased area, caused by the addition to the field already covered of the cities of East Portland, Albina and St. Johns.

Obediently submitted,
D. S. HUTCHINS,
Humane Officer.

REPORT OF CAPTAIN OF DETECTIVES.

S. B. Parrish, Chief of Police :

I submit to you for your consideration the following report, showing to some extent the work referred to the detective branch of the police force under your charge, also somewhat of the work accomplished during the year ending December 31, 1891 :

The year just closed has been a very busy one for the detective force, and due to the increase of population and territory of the city, and depredations committed as reported at this office somewhat exceed those of the preceding year.

BURGLARIES.

The number of burglaries committed in the city during the last twelve months and reported at this office somewhat exceed in number and value of property stolen (but not to any alarming extent) those of the preceding year, and property so stolen consisting mainly of jewelry, silverware, watches and money from residences and some merchandise from a few stores, amounting in value to some \$10,461, against \$9596 of the preceding year.

LARCENIES.

Petty thieving, such as stealing clothing, overcoats, etc., from residences, out of hallways when doors are not locked, and tools, etc., from buildings in course of construction, has about kept pace with the preceding year, and property so stolen and reported at this office amounted in value to some \$2093, against \$2068 as per last year's report.

Quite a number of both classes of the above-mentioned offenders have been arrested and convicted, others are still in jail awaiting trial, and property to the value of \$5385 has been recovered and returned to the rightful owners.

FORGERIES.

The most prevalent crime during the year was that of forgery and issuing fraudulent and worthless checks. An astonishing number of these worthless papers were received at this office, and other cases reported, and the money that merchants and others here were defrauded of by these forgers amounted to several thousand dollars. A great deal of the time of the detectives was consumed in looking up such cases, and quite a number of these offenders were arrested and convicted.

ROGUES' GALLERY.

The rogues' gallery in this office, of which mention was made in last report, received some 129 new copies of criminals, held to answer and convicted of felonies during the last year, in addition to the 220 copies as per last report.

FUGITIVES FROM JUSTICE.

Aside from looking after crime at home, the detective force is called upon almost daily, by telegram and otherwise, from officers from other states and territories to intercept and arrest fugitives from justice. Some 303 telegrams were received during the year, chiefly relating to fugitives from justice, and in accordance with requests therein, some 35 persons as fugitives were arrested here and held for the proper officers, and on their arrival delivered to them. A fugitive record is now kept at this office, showing name of person, by whom arrested, by what request or process, and whom delivered to, with the papers, telegrams and letters attached in each case.

LETTERS.

Besides the criminal business, some 545 letters of inquiry received at headquarters were referred to this office—letters from all parts of the world and chiefly relating to missing friends and relatives. These letters are all properly filed in this office, and in every case the best possible information furnished in compliance with the request therein stated.

Respectfully submitted,

C. GRITZMACHER,
Captain of Detectives.

QUARTERLY STATEMENT

—OF THE—

WATER COMMITTEE OF THE CITY OF PORTLAND

Of the Receipts and Expenditures from September
30, to December 31, 1891.

1891.

GENERAL ACCOUNT.

Sept. 30, cash in hands of treasurer per report this date	\$	23 99
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RECEIPTS.

Oct. 29, cash from Oregon Iron & Steel Com- pany for old high-service boiler	\$	500 00
Oct. 30, cash from operating department . . .		13,000 00
Nov. 30, " " " "		8,000 00
Dec. 15, " " Oregon Brass Works for old brass, 1056 lbs @ 8 cents		84 48
Dec. 31, cash from operating department . . .		13,906 66
		35,491 14
		\$35,515 13

EXPENDITURES.

New high-service pump		
Part of voucher 358, City Waterworks per cer- tified pay rolls and vouchers paid in Oct . .		129 00

DISTRIBUTION SYSTEM.

Voucher 357, Oregon Iron & Steel Company, 285.1523-2000 tons pipe @ \$40 50	\$11,573 35		
Voucher 357, Oregon Iron & Steel Co., 18,478 lbs special @ 3¼ cts	600 54	\$12,173 89	
Part of voucher 338, City Water- works per certified pay rolls and vouchers paid in Oct		346 05	
Part of voucher 359, City Water- works per certified pay rolls and vouchers paid in Nov		197 88	
Part of voucher 363, City Water- works per certified pay rolls and vouchers paid in Dec		290 25	
Part of voucher 361, Oregon Iron & Steel Co., 10.1808-2000 tons pipe @ \$40 50	441 61		
Part of voucher 361, Oregon Iron & Steel Co., 5311 lbs special @ 3¼ cts	172 62	614 23	13,622 30

RIGHTS OF WAY, RIPARIAN RIGHTS AND LAND—

Part of voucher 358, City Waterworks, per deeds, certified vouchers for surveying in Oct . . . \$	176 80	
Part of voucher 359, City Waterworks, per deeds, certified vouchers for surveying in Nov . . .	740 16	
Part of voucher 363, City Waterworks, R. S. Greenleaf, county surveyor, surveying road	51 00	967 96

RESERVOIRS.

Part of voucher 359, City Waterworks, paid county recorder for certified copies of deed		3 50
---	--	------

GENERAL EXPENSE.

Voucher 362, Frank T. Dodge, salary as clerk, Oct., Nov., Dec., three months @ \$50 . . . \$	150 00	
Part of voucher 363, City Waterworks, per certified vouchers for telegrams, etc	7 60	157 60

INTEREST ON BONDS.

Voucher 360, Frank Hachenev, city treasurer, amount deposited with him Dec. 31, 1891, for six months interest on \$700,000 bonds to Dec. 31, 1891		17,500 00
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CLEARING AND ROADS.

Part of voucher 363, City Waterworks, paid Oregonian ad. for bids for clearing		41 60
--	--	-------

\$32,421 96

RECAPITULATION—GENERAL ACCOUNT—

Balance in hands of treasurer on Sept. 31, 1891, as above \$	23 99	
Receipts from Sept. 30 to Dec. 30, 1891, inclusive as above	35,491 14	35,515 13

EXPENDITURES.

New high-service pump \$	129 00	
Distribution system	13,622 30	
Rights of way, riparian rights and land	967 96	
Reservoirs	3 50	
General expenses	157 60	
Interest on bonds	17,500 00	
Clearing and roads	41 60	32,421 96

Bal. in hands of treasurer Dec. 31, 1891 (see his report) . \$ 3,093 17

Total Receipts and Expenditures of the Water Committee for the Year ending December 31, 1891.

RECEIPTS.

April 16. Cash from C. G. Ellison for land at Palatine Hill, 40 feet by 360 feet \$	250 00	
Oct. 29. Cash from Oregon Iron and Steel Co., for old high-service boiler	500 00	
Dec. 15. Cash from Oregon Brass Works, for old brass, 1056 lbs. at 8 cts.	84 48	
Cash from operating department City Water works during year	147,906 66	\$148,741 14

EXPENDITURES.

Amount of over-draft due treasurer December 31, 1890, refunded January 13, 1891 \$	10,180 45	
New Palatine pump	712 00	
New high-service pump	22,097 49	
Improvement of real estate, Fourth and Market streets, tool house, etc.	3,748 95	
Distribution system	54,377 08	
Surveys and explorations	630 70	
Rights of way, riparian rights and land	12,820 73	
Clearing and roads	41 60	
Reservoirs	962 90	
General expense	5,076 07	
Interest on bonds	35,000 00	145,647 97
		\$ 309,317

Total amount invested in entire plant to Dec. 31, 1890 \$ 951,406 74

Total am't expended during 1891 \$	145,647 97	
Less int. on bonds \$	35,000 00	
Less over-draft re-		
funded treasurer	10,180 45	45,180 45
Less land, old boiler and old brass sold as above,	834 48	99,633 04

Total amount invested in entire plant Dec. 31, 1891 \$1,051,039 78

Bonds of city outstanding at 5 per cent. interest \$ 700,000 00

OPERATING ACCOUNT.

Balance in hands of operating department September 30, 1891 ----- \$ 313 80

RECEIPTS.

From the city for street sprinkling and park, due September 30 ----- \$ 400 70
 Water rates, amount earned and credited on the books, \$59,059.00; deduct amount due from city for quarter, \$6,000.00----- 53,059 00
 Tapping mains ----- 263 00
 Turning on water ----- 100 50
 Rent of dwelling at Eighth street reservoir for October, November and December ----- 15 00— 53,838 20
 \$ 54,152 00

EXPENDITURES.

Palatine pumping station, fuel, wages, repairs, etc. \$ 6,613 19
 High-service pumping station, fuel, wages, repairs, etc. ----- 2,261 27
 Repairs to mains ----- 5,395 46
 General expense ----- 2,856 62
 Office expense ----- 1,698 83
 Books and stationery ----- 225 85
 Office furniture ----- 107 82
 Loose property ----- 39 35
 Meters ----- 46 95
 \$ 19,245 34

Amount paid over to general account,
 October 30 ----- \$13,000 00
 Amount paid over to general account,
 November 30 ----- 8,000 00
 Amount paid over to general account,
 December 31 ----- 13,906 66— 34,906 66— \$ 54,152 00

No money in hands of operating department Dec. 31, 1891.

*Total Receipts and Expenditures of the Operating Department,
 City Water Works, for Year ending December 31, 1891.*

RECEIPTS.

Water rates ----- \$174,904 15
 Water rates, less paid in advance by
 Gambrinus brewery for 1891 ----- 189 65— \$174,714 50
 Irrigation ----- 7,806 70
 Elevators ----- 21,942 25
 Building purposes ----- 5,555 05
 Multnomah Driving Association ----- 115 00
 Municipal water rates, amount due Dec. 31, 1890 -- 800 00
 Municipal water rates, street sprinkling ----- 2,504 25
 Municipal water rates, city park ----- 139 55
 Tapping mains ----- 718 00
 Turning on water ----- 473 00
 Rent of dwelling at Eighth-street reservoir ----- 60 00
 ----- \$214,828 30

EXPENDITURES.

Palatine pumping station ----- \$ 35,112 42
 High-service pumping station ----- 7,542 94
 Repairs to mains ----- 7,367 58
 General expense ----- 8,989 68
 Office expense ----- 6,264 83
 Books and stationery ----- 469 25
 Office furniture ----- 107 82
 Loose property ----- 985 17
 Meters ----- 81 95
 \$ 66,921 64

Amount paid to general account (See receipts of treasurer) ----- 147,906 66
 ----- \$214,828 30

No money in hands of operating department Dec. 31, 1891.

BALANCE SHEET.

BOOKS OF THE WATER COMMITTEE OF THE CITY OF PORTLAND,
DECEMBER 31, 1891.

Folio.			
3.	Bonds.....		\$ 700,000 00
9.	Premiums on bonds.....		54,958 20
10.	Office expenses.....	\$ 360 19	
14.	Legal expense.....	8,825 91	
15.	Rights of way, riparian rights and land.....	37,430 59	
16.	Surveys and explorations.....	8,907 43	
18.	Headworks.....	11,179 99	
20.	Superintendence.....	4,658 19	
22.	Clearing and roads.....	490 85	
24.	City waterworks.....	{ \$462,935 81 } { 834 48 }	462,101 33
27.	Interest on bonds.....	148,750 00	
28.	Pumping apparatus.....	13,516 66	
30.	Reservoirs.....	1,542 66	
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 waterworks.....		447,924 75
41.	Treasurer.....	{ \$148,741 14 } { 145,647 97 }	3,093 17
50.	Distribution system.....	225,075 28	
60.	Improvement of real estate, Fourth and Market streets.....	3,748 95	
62.	General expense.....	17,280 23	
			\$1,202,882 95
			\$1,202,882 95

PORTLAND, OR., December 31, 1891.

HENRY FAILING, *Chairman.*

FRANK T. DODGE, *Clerk.*

*Inventory of Property in possession of the Construction Department
of the Water Committee and remaining on hand December
31, 1891—Account of Distribution System.*

DESCRIPTION.	NO.	WEIGHT.	VALUATION.
Chapman valves, 16 in.....	2		\$ 250 00
“ “ 14 in.....	1		100 00
“ “ 12 in.....	3		150 00
“ “ 10 in.....	2		70 00
“ “ 8 in.....	5		125 00
“ “ 4 in.....	6		72 00—\$ 767 00
Check “ 10 in.....	2		\$ 90 00
“ “ 6 in.....	3		75 00— 165 00
Cast iron pipe, 24 in.....	192 ft		
“ “ 20 in.....	12 ft		
“ “ 16 in.....	12 ft		
“ “ 14 in.....	96 ft		
“ “ 12 in.....	44 ft		
“ “ 10 in.....	168 ft		
“ “ 8 in.....	264 ft		
“ “ 6 in.....	1852 ft		
“ “ 4 in.....	200 ft	78.8 tons	3152 00
Wrought “ 30 in.....	500 ft	No. 6	2400 00
“ “ 18 in.....	450 ft	No. 8	900 00— 3300 00
Cast iron crosses 16 in x 14 in.....	2		
“ “ 14 in x 8 in.....	4		
“ “ 14 in x 6 in.....	6		
“ “ 16 in x 6 in.....	1		
“ “ 6 in x 6 in.....	24		
“ “ 6 in x 4 in.....	1		
“ “ 4 in x 4 in.....	44		
“ “ 10 in x 6 in.....	10		
“ “ 10 in x 10 in.....	5		
“ “ 10 in x 8 in.....	10		
“ “ 10 in x 4 in.....	2		
“ “ 12 in x 4 in.....	1		
“ “ 12 in x 6 in.....	1	34,844 lbs	1132 43

Cast iron tees,	24 in x 24 in	4		
" "	24 in x 20 in	4		
" "	24 in x 6 in	3		
" "	14 in x 14 in	1		
" "	14 in x 8 in	4		
" "	6 in x 6 in	28		
" "	4 in x 4 in	13		
" "	6 in x 4 in	10		
" "	10 in x 4 in	22		
" "	10 in x 10 in	2		
" "	10 in x 6 in	10		
" "	12 in x 6 in	1		
" "	12 in x 4 in	16		
" "	8 in x 6 in	3		
" "	8 in x 4 in	9		
" "	8 in x 8 in	1	56,225 lbs	1827 31
<hr/>				
" sleeves,	24 in	6		
" "	20 in	8		
" "	16 in	9		
" "	14 in	9		
" "	12 in	5		
" "	10 in	17		
" "	8 in	4		
" "	6 in	19		
" "	4 in	31	18,742 lbs	609 11
<hr/>				
" elbows,	24 in	4		
" "	12 in	1		
" "	10 in	7		
" "	8 in	3		
" "	6 in	30		
" "	4 in	27	16,334 lbs	530 85
<hr/>				
" plugs,	24 in	4		
" "	20 in	3		
" "	16 in	5		
" "	14 in	3		
" "	12 in	7		
" "	10 in	12		
" "	8 in	22		
" "	6 in	4		
" "	4 in	18	4080 lbs	132 60

Cast iron reducers, 6 in to 4 in	56		
" " 12 in to 10 in	4		
" " 14 in to 12 in	1		
" " 10 in to 8 in	17		
" " 10 in to 6 in	5		
" " 8 in to 6 in	13	8817 lbs	286 55
" manholes, 24 in	6	12,200 lbs	610 00
" " 30 in	1		100 00 710 00
Lead		6100 lbs	280 00
<hr/>			
Total on hand Dec. 31, 1891			\$12,892 85
Total on hand Dec. 31, 1890			9,259 10

Inventory of Property in possession of the Operating Department of the Water Committee, and remaining on hand Dec. 31, 1891.

NO.	DESCRIPTION.	VALUATION.
1	safe	\$ 440 00
1	walnut desk	20 00
1	ash table	18 00
1	desk	10 00
1	cash table under desk	5 00
12	chairs	17 00
2	revolving stools	4 00
1	umbrella stand	4 00
1	letter press stand	3 00
1	letter press	4 00
1	stand map drawers	15 00
1	stove and pipe	20 00
1	clock	11 00
1	chandelier, four light burners, complete	29 00
2	chandeliers, two light burners and drop	10 00
1	swing bracket, burner, shade, etc	2 77
36	yards carpet @\$1.10	39 60
1	pair curtains and pole	2 00
6	ink stands	1 00
1	copy brush and bowl	50
2	rulers	50
1	Yale night-latch	2 00
1	partition	50 00
2	cash drawers	2 00

NO.	DESCRIPTION.	VALUATION.
—	shelves, etc	15 00
—	window shades	10 00
1	rubber door mat	2 00
2	spittoons	2 50
<i>(Drafting Office, Fourth and Market Sts.)</i>		
1	stove and fixtures	17 90
1	desk	12 00
6	chairs	5 00
2	office chairs, (\$2.50, \$1.50)	4 00
6	spittoons	5 40—\$ 787 17

(Account of Loose Property.)

3	angurs	\$ 2 00
6	axes	2 00
6	barrows (wood)	15 00
2	barrows (iron)	10 00
1	bench	3 00
1	boring machine	5 00
2	brands	8 00
4	buckets	1 00
25	lbs caulking tools	5 00
7	chairs	8 00
200	feet ½-inch chain	20 00
76	curb boxes (cast)	15 00
183	curb box covers (cast)	37 00
465	corporation cocks	203 00
18	crowbars	18 00
2	derricks and tackle	105 00
3	desks	25 00
2	deferential pulleys	60 00
60	¾-inch drills (steel), 100 lbs	5 00
22	1-inch drills " 150 lbs	7 50
1	draw-knife	1 00
8	forks (sluice)	5 00
3	furnaces (street)	35 00
1	furnace (plumbers')	5 00
3	guages (water)	32 00
5	gate covers (cast)	25 00
1	grindstone	3 00
5	hammers (caulking)	3 00
1	hammer (stone)	1 00

NO.	DESCRIPTION.	VALUATION.
3	harness sets	50 00
3	horses	500 00
3	horse covers (oil cloth)	4 00
1	hoe (mortar)	1 00
75	feet hose (2½-inch)	31 00
200	feet hose (¾-inch)	30 00
2	instruments, surveying and level rod	325 00
2	jackscrows	14 00
34	keys (water)	64 00
1	ladder	2 00
4	ladles (furnace)	12 00
6	lamps	13 00
42	lanterns	40 00
1	level (carpenter's)	2 00
2	maps (city)	200 00
6	mattocks	8 00
1	pevey (timber)	3 00
147	picks	120 00
16	pipe bands	20 00
1	pipe cutter	5 00
1	pump (oil)	6 00
4	pumps (hand)	60 00
1	rammer (pave)	8 00
1	ratchet, stock and dies	20 00
3	saws (hand)	2 00
1	saw (crosscut)	2 00
1	scales (drawing)	2 00
1	scales (weighing)	45 00
1	scow	120 00
1	scow (small)	12 00
1	seal, die and tags	10 00
93	shovels	40 00
1	shovel, scoop	1 00
22	sledges	20 00
1	square, steel	1 00
1	stamp register	30 00
17	tamping bars	8 00
2	tapelines	4 00
2	tapping machines	160 00
1	thermometer	3 00
1	timber dolly	9 00
5	tongs, pipe	20 00
1	tool set	50 00

NO.	DESCRIPTION.	VALUATION.
2	tool carts	80 00
5	trucks, hand	60 00
2	vises	20 00
3	wagons	150 00
10	wrenches, monkey	10 00
1	wrench, locker	4 00
1	wrench, pipe	1 00— 3106 00

(Meters and Indicators.)

40	indicators	1053 00
90	meters	1520 00— 2573 00

(Palatine Pumping Station.)

3464 cords of wood, at \$3.10 10,738 40

(High-Service Pumping Station.)

282.13 cords of wood, \$3.75 and \$3.39 1009 60

Total remaining on hand December 31, 1891 17,427 00

HENRY FAILING, *Chairman.*

FRANK T. DODGE, *Clerk.*

Memorandum, Loose Property, Meters and Fuel Accounts on Hand December 31, 1891.

(Loose Property.)

On hand December 31, 1890 \$2,892 00
 Purchased during 1891 985 17

\$3,877 17

Less amount expended, corporation cocks, stop-cocks, boxes, etc. 771 17

Remaining on hand December 31, 1891, as per inventory . . . \$3,106 00

(Meters and Indicators.)

On hand December 31, 1890 \$2,753 64
 Purchased during year 1891 81 95

\$2,835 59

Less meters expended and depreciated by use 262 59

On hand December 31, 1891, as per inventory \$2,573 00

(Palatine Pumping Station.)

Wood on hand and paid for December 31, 1890, 2317 crds, at \$3.10 . \$7,182 70

Wood on hand and paid for December 31, 1891, 3464 cords, at \$3.10 . 10,738 40

(High-Service Pumping Station.)

Wood on hand and paid for December 31, 1890, 307 cords \$1,151 25

Wood on hand and paid for December 31, 1891, 282 13-100 cords . 1,009 60

(Roundhouse Pumping Station.)

On hand December 31, 1890, 70 tons coal (all carried away by floods or stolen) \$ 490 00

PORTLAND, OR., December 31, 1891.

HENRY FAILING, *Chairman.*

FRANK T. DODGE, *Clerk.*

R E P O R T
OF THE
BOARD OF FIRE COMMISSIONERS.
1 8 9 1.

OFFICE OF THE BOARD OF FIRE COMMISSIONERS, P. P. F. D. }
PORTLAND, OR, January 4, 1892.

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

GENTLEMEN:—In conformity with 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 revenues and expenditures of this department for the year 1891, and the estimate for salaries and other necessary expenses required for the Fire Department for the year 1892, and also other information and recommendations relating to the efficiency of the service.

REVENUES, 1891.

From tax-roll, 1891	\$79,260 28
From general fund	52,555 00
For sale of two horses	160 00
From sale of old brick	50 00
For sale of one tent	20 00
For sale of one old Babcock	5 00
For sale of old copper	10 10
From returned insurance premium	128 95
From returned overcharges	18 40
From 21 exempt certificates	42 00
From house moving and line construction	17 75
Total revenues, 1891	\$132,267 48

EXPENDITURES, 1891.

For officers' salaries	\$ 6,133 55	
For company salaries	46,625 21	
	<u> </u>	\$52,758 76

HOUSES AND LOTS.

Cost of houses	\$ 8,755 79	
Repairs, fixtures and furniture	5,356 91	
	<u> </u>	\$14,112 70

APPARATUS

New apparatus	\$ 9,700 00	
Repairs	2,527 28	
	<u> </u>	\$12,227 28

HORSES.

Purchased	\$ 3,200 00	
Shoeing	830 27	
Veterinary Surgeon	153 05	
	<u> </u>	\$ 4,183 32
Harness and repairing	1,401 60	
Horse feed	4,237 63	
Fuel	1,341 23	
Lighting	952 67	
Small stores	578 56	
Telephone	859 00	
Insurance	665 25	
Incidentals	1,504 20	
Ground rent, Hose Co. No. 1	420 00	

HOSE.

1,25c feet rubber	\$ 2,537 50	
250 feet cotton	250 00	
Repairs	64 25	
	<u> </u>	\$2,851 75

WATER.

Portland Hydraulic Elevator Co	\$ 6,360 00	
Albina Light & Water Co	663 00	
	<u> </u>	\$7,023 00

HYDRANTS.

54 new	\$ 1,890 00	
Setting same	1,068 86	
Gates	563 80	
Repairs	425 71	
	<u> </u>	\$3,948 37
Cisterns, repairs	463 74	
Office expenses	640 82	
Printing and advertising	722 30	

FIRE ALARM TELEGRAPH.

Salaries of superintendent and linemen	\$2,095 61	
Maintenance	908 75	
Use of patent right for iron insulator pins	600 00	
Shifting—Material	\$ 605 97	
Labor	618 44	1,224 41
Extension—Material	1,375 37	
Labor	309 23	1,684 60
	<u> </u>	\$6,513 37
Total expenditures in 1891		\$117,405 55
Deficiency for 1890 paid from revenues of 1891		15,349 92
		<u> </u>
Total expenditures of 1891 and deficiency of 1890		\$132,755 47

SUMMARY.

Expenditures of 1891 and deficiency of 1890	132,755 47
Revenues of 1891	132,267 48
	<u> </u>
Deficiency 1891	487 99

ESTIMATES FOR 1892.

Salaries	\$ 84,280 00
--------------------	--------------

APPARATUS.

Two Hayes aerial trucks	\$6,000 00	
One relief hose wagon	600 00	
Repairs	3,000 00	
Supply wagon	400 00	
	<u> </u>	\$10,000 00

HOUSES AND LOTS.

Cost of lot in Holladay's addition . . .	\$1,500 00	
Balance contract H. & L. House, East		
Portland	5,700 00	
Cost of house in Holladay's addition . .	4,000 00	
Repair of houses	2,500 00	
	<u> </u>	\$13,700 00
Hose	4,000 00	
Hydrants	3,500 00	
Cisterns—repairs	500 00	
Horses—cost	\$3,000 00	
Shoeing	1,000 00	
Veterinary surgeon	200 00	
	<u> </u>	42,000 00
Harness	1,650 00	
Horse feed	6,660 00	
Telephone	1,140 00	
Lighting	1,250 00	
Fuel	1,800 00	
Small stores	750 00	
	<u> </u>	

WATER.

Portland Hydraulic Elevator Co	\$6,360 00	
Albina Light & Water Co	2,214 00	
Portland Heights Water Co	360 00	
	<u> </u>	\$8,934 00
Office expenses	600 00	
Printing and advertising	600 00	
Insurance	750 00	
Ground rent Hose Co. No 1	420 00	
Incidentals	1,580 00	

FIRE ALARM TELEGRAPH—WEST SIDE.

Maintenance	\$1,000 00	
Indicators for H. & L. Co. No. 3	165 00	
Shifting and replacing two miles bare wire	200 00	
Seven protectors	35 00	
Extension of line for six new boxes	1,737 00	
	<u> </u>	\$3,137 00

EAST SIDE.

Twenty-five signal boxes at \$100 each	\$2,500 00	
Five 18-inch gongs at \$150 each	750 00	
Five indicators at \$165 each	825 00	
Two bell strikers at \$650 each	1,300 00	
Two 2,000-pound bells at 30 cents per pound	1,200 00	
Eight miles of wire and poling	1,040 00	
Thirty electric protectors	360 00	
Eight hundred feet submarine cable and laying	300 00	
Weights and chains for big bells	50 00	
Four unhitchers at \$15 each	60 00	
Battery for line and unhitchers	100 00	
Box and office cable	90 00	
Office wire	10 00	
Switches, bells, relay and buttons	52 50	
Lay, screw nails and cleats	50 00	
Tape, solder, etc	25 00	
Tools	25 00	
Boat hire and drayage	25 00	
Maintenance	250 00	
Miscellaneous	100 00	
	<u> </u>	\$9,112 50

(Total fire alarm telegraph . \$12,249 50)		
Deficiency for 1892		487 99
		<u> </u>
Total estimates for 1892		\$159,051 49

FIRE BOAT.

We again recommend adding a fire boat to the effective apparatus of this department. The city now has fifteen (15) miles of river front, covered with large and increasing values, to which add the shipping in port and river craft, all subject to fire exposure, which can best be protected by an apparatus working from the river. Such a fire boat would also afford great aid in time of fire to points beyond the immediate frontage. The boat also would be of occasional public service in breaking up ice obstructions in the river as well as for capturing or effecting lodgment of heavy drift in times of great freshets, which might endanger the bridges. We estimate that a suitable boat can be procured, fully equipped, for about sixty thousand (\$60,000) dollars, and if your honorable body considers the subject favorably, we would be pleased to afford you closer information concerning construction or purchase from data that we have at hand.

FIRE APPARATUS.

The companies of the department now consist of:

- Eight fire engine companies (steamers.)
- Three hook and ladder companies.
- Four hose companies.

Arrangements have been commenced to put in, both at ward six (6), East Portland, and at ward eight (8), Albina, a hook and ladder company; the apparatus has been ordered, and the contract price appears in the estimates. The house for same at Albina is ready for service, and a brick house for the East Portland hook and ladder company is near completion.

We recommend that an engine company be located in Holliday's addition, ward seven (7). The cost of the house, lot and furnishings is in the estimates. We have an engine (steamer) on hand to place there. The city now owns a lot, purchased for fire purpose by the late city of East Portland, on the corner of Fourth street and Holladay avenue, but the lot being but twenty-five (25) by fifty (50) feet, is too small; this lot should be sold and a larger lot purchased.

We would further advise you that the service for a supply wagon is so much more increased by the extension of the department, that the one-horse truck now in use is insufficient. At present we are at an expense of three hundred (\$300) dollars per annum to haul away the debris from a portion of the houses on the west side. A larger team could do this work for both sides of the river, as well as hauling the company supplies, without an increase of the pay roll.

FIRE ALARM TELEGRAPH.

We would make this explanation relating to the estimate for fire alarm telegraph purposes. The estimates are for the purpose of putting in a complete system of twenty-five (25) signal boxes in wards six (6), seven (7) and eight (8) in continuous circuit with the central station on this side, that we may command at all times direct communication with the central office and east side companies.

The estimates also propose placing two thousand (2,000) pound fire bells on the east side.

LIST OF PROPERTY IN TRUST.

WEST SIDE—VALUES ESTIMATED.

Engine Co. 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
Hook and Ladder Co. No. 3, house and lot	10,000 00
Hose Co. No. 2, house and lot	30,000 00
Hose Co. No. 1, house only	750 00

————— \$166,250 00

EAST PORTLAND—VALUES ESTIMATED.

Engine Co. No. 7, and Hook and Ladder Co. No. 4, house and lot . . .	\$15,000 00
Hose Co. No. 3, house and lot. (Stephens' Addition)	3,500 00
House and lot, Holladay's Addition, Fourth st., between Holladay ave. and Multnomah	1,500 00
	<hr/> \$20,000 00

ALBINA.—VALUES ESTIMATED.

Engine Co. No. 8, and Hook and Ladder Co. No. 5, house and lot . . .	\$6,000 00
Hose Co. No. 4, Vancouver ave., house and lot	2,750 00
House and lot, Mississippi ave	1,800 00
House and lot, Rodney ave	2,250 00
	<hr/> -12,800 00
Total	\$199,050 00

APPARATUS.—VALUES ESTIMATED.

Ten engines, seven hose wagons, three hose carriages (four wheels), one hose carriage, four wheels (hand), four hose carts (two wheels), seven hand hose reels (2 wheels), two engines (unfit for fire purposes), one first-class hook and ladder truck, one second-class hook and ladder truck, two third-class hook and ladder trucks, one village truck (hand)	\$67,000 00
Harness, etc	4,000 00
Property in Corporation Shed,	500 00
Property in Commissioners' Office	300 00
Property in Engine Houses (tools, stoves, etc.)	5,000 00
46 Horses	10,120 00
Fire Alarm Apparatus	25,000 00
	<hr/>
Total	\$111,920 00
Total value of property in trust	310,970 00

We have in preparation, complete detailed exhibits of the workings of the department during the year 1891, inventories of department properties, and other matters of public interest, as required by Section 180 of the charter of the city, which will be laid before your honorable body at an early day.

All of which is respectfully submitted,

	JAMES LOTAN, <i>President.</i>
	T. B. TREVETT,
CHAS. HUTCHINS,	J. H. STEFFAN,
<i>Secretary.</i>	<i>Fire Commissioners.</i>

CHIEF ENGINEER'S REPORT.

OFFICE OF CHIEF ENGINEER P. P. F. D., }
 PORTLAND, OREGON, Dec. 31, 1891. }

To the Honorable the Board of Fire Commissioners :

GENTLEMEN:—I have the honor to submit herewith my [eighth] annual report as Chief Engineer of the Portland Paid Fire Department for the year 1891.

The exhibits herewith, and made part of this report, will furnish you all details of this service during the period, showing, classified, the cost of maintenance and extension of the Department; the fire record; inventories of city property in use by the companies; numbers and location of companies; hydrants and cisterns, and other information relating to the service.

FIRE ALARMS.

During the year the Department responded to 182 alarms. The total losses amounted to \$251,759 86; of this amount \$199,698 was from 8 fires, as follows :

Jan. 29.—Round House and Carpenter Shop owned by the Southern Pacific R. R. Co.; loss	\$12,000	
July 3.—N. W. Corner Front and Clay, owned by J. Honeyman; loss	20,269	
July 3.—S. W. Corner Front and Columbia, owned by W. H. Adams and tenants; loss	10,485	
Aug. 12.—Twelfth, between J and K owned by Kelly, Dunne & Co. and others; loss	37,591	
Aug. 12.—Eleventh and L, owned by Zan Bros.; loss ..	57,000	
Sept. 15.—Southern Pacific Co. Car Shops, East Portland; loss	35,000	
Oct. 28.—Morrison, between Third and Fourth, owned by C. A. Alisky and several tenants; loss	11,953	
Nov. 9.—Corner Russell and Helms, Albina, owned by A. J. Smithers and tenants; loss	15,400	
		\$199,698
Losses by fire, West Side, 1891	\$190,424 86	
Losses by fire, East Side, (since July 6, 1891)	61,335 00	
Total 1891		\$251,759 86

COMPANIES.

The companies of the Department in the regular paid service at this date consists of 8 fire engines, (steamers), 3 Hook and Ladder trucks, and 2 hose wagons. On the first day of the coming year, two more hose companies, one at East Portland (Stephens' Addition), and one at Albina (Vancouver Avenue), will be put on service. About the first of April, two more Hook and Ladder companies, with Hayes' patent extension ladders, will be added to the Department, one to be located at the corner of Third and I streets, East Portland, and the other on Borthwick street, Albina.

About July 1st, 1892, it is expected that a fire engine company will be located in Holliday Addition, East Portland.

The companies when in commission, numbering 18 in all, will complete the fire protection of the city as now contemplated.

The total manual force of the Department will then be: 1 chief engineer, 4 assistant engineers, 1 relief engineer, 80 members of engine companies, 50 members of Hook and Ladder companies, 32 members of hose companies, 1 driver supply wagon, 1 superintendent fire alarm telegraph, 1 lineman, Fire Alarm Telegraph and 1 secretary Board of fire commissioners; total, 172.

DEATHS AND ACCIDENTS.

Three members of the Department died during the year 1891. V. D. Behrens, assistant foreman of Engine Co. No. 4, of consumption, on the 23d of April. He joined the Department Jan. 1, 1883. Thomas O'Keefe, acting foreman of Hose Co. No. 1, was killed Aug. 21st, by falling from and being run over by hose carriage while going to a fire. He joined the Department Aug. 7, 1884. Ignatius Frainey, extraman, Engine Co. No. 1, of typhoid fever, on the 28th of December. He joined the Department Jan. 11, 1890. All the above deceased were buried by the Fireman's Mutual Relief Association. There were no other serious accidents during the year, to the members while on duty.

CONDITION OF HOUSES AND APPARATUS.

During the past year all of the houses and apparatus have been put in complete order, and expenses, other than for ordinary repairs, are not anticipated during the coming year.

HYDRANTS AND CISTERNS.

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

HYDRANTS.	
West Side	206
Portland Heights.....	6
Elevator Company.....	52
East Portland	102
Albina	23
Total	389

CISTERNS.	
West Side	71
East Portland	6
Albina	5
Total	82

Owing to the considerable extension of the city mains during the year, I have kept up with such extensions by placing 54 new hydrants. The location of such new hydrants are indicated in the list of hydrants herewith.

HOSE.

The number of feet of hose on hand and supplied to the Department in 1891 is as follows:

Serviceable Rubber Hose on hand Jan. 1, 1891; feet.....	6,500
Serviceable Cotton Hose on hand Jan. 1, 1891; feet.....	750
Total	7,250
Purchased in 1891 (rubber); feet.....	1,250
Purchased in 1891 (cotton); feet.....	250
Total	1,500
Received from East Portland, by consolidation (rubber); feet...	3,000
Received from Albina, by consolidation (cotton); feet.....	850
Received from Albina, by consolidation (rubber); feet.....	1,900
Total	2,750

Total feet received during 1891	14,500
Worn out during 1891; feet	1,000
Total on hand, in good order; feet	13,500

The above is distributed as follows:

WEST SIDE.	
Rubber	6,350
Cotton	750
Total	7,100
EAST PORTLAND.	
Rubber	3,000
Cotton	250
Total	3,250
ALBINA.	
Rubber	850
Cotton	1,900
Total	2,750
Corporation Shed (unserviceable)	400
Total number feet hose in service	13,500

FIRE LIMIT ORDINANCE.

Since the passage of Ordinance No. 6736, defining fire limits, etc., 58 permits for alterations and repairs have been granted, and 17 notices have been served on parties for infractions of the ordinance.

In closing my report I desire to thank your Honorable Body for your energetic support in all matters pertaining to my duties and for your efforts to maintain and increase the efficiency of this branch of the public service, also to the officers and members of the Department for the very satisfactory manner in which they have so cheerfully performed their respective duties during the year.

Respectfully submitted,

HARRY MORGAN,
Chief of Fire Department.

EXHIBIT OF LOSSES BY FIRE IN THE TWELVE MONTHS OF 1891.
THE INSURANCE INVOLVED AND THE INSURANCE PAID.

MONTHS.	Loss.		INSURED FOR.		INSURANCE PAID.	
	Building.	Contents.	Building.	Contents.	Building.	Contents.
January	\$ 5,966 27	\$ 13,936 28	\$ 5,500 00	\$ 45,500 00	\$ 2,671 27	\$ 4,861 28
February	770 00	1,224 00	2,600 00	5,200 00	770 00	1,199 00
March	651 00	800 00	4,300 00	2,800 00	626 00	500 00
April	350 00	300 00	1,800 00	500 00	350 00	50 00
May	2,000 00	867 00	3,800 00	3,800 00	1,900 00	467 00
June	6,923 00	5,715 00	22,000 00	11,100 00	7,073 00	5,715 00
July	16,865 15	36,926 05	18,150 00	26,700 00	7,422 15	19,284 55
August	12,555 00	91,349 00	23,200 00	111,275 00	11,622 00	78,700 29
September	1,595 50	4,854 00	3,550 00	38,400 00	922 50	1,284 00
October	2,587 91	14,415 00	7,350 00	21,550 00	2,187 91	13,490 00
November	8,372 50	12,126 00	14,700 00	30,300 00	4,957 50	6,349 00
December	2,042 90	8,568 30	15,050 00	10,850 00	1,642 40	4,143 30
	\$60,679 23	\$191,080 63	\$122,000 00	\$307,975 00	\$42,144 73	\$136,043 42

Total loss, 1891	\$251,759 86
Insurance involved	429,975 00
Insurance paid	178,188 15
Losses over insurance paid	73,671 71

CAUSES OF FIRES AND ALARMS.

Burning flues	23
Burning ruins	5
Burning rubbish	7
Burning rags	1
Carelessness	29
Crossing of electric wires	2
Defective flues	29
Defective construction of furnaces	3
Defective construction of ovens	2
Defective hot-air connection	1
Disconnecting stove pipe	1
Explosion of chemicals	1
Firecrackers	9
False	4
Gasoline-stove explosion	4
Hot ashes	4
Hot grease	3
Incendiary	3
Leaking gas stove	1
Lamp explosion	10
Supposed incendiary	5
Slacking lime	2
Sparks from stove	1
Sparks from chimney	5
Spontaneous combustion	5
Upsetting of coal oil lamp	3
Upsetting of coal oil stove	1
Unknown	18
Total	182

CLASSIFICATION OF LOSSES.

Number of false alarms	4
Number of fires, no loss, or nominal	86
Number of fires, loss under \$100	25
Number of fires, loss between \$100 and \$200	10
Number of fires, loss between \$200 and \$300	2
Number of fires, loss between \$300 and \$400	8
Number of fires, loss between \$400 and \$500	2
Number of fires, loss between \$500 and \$750	9
Number of fires, loss between \$750 and \$1,000	7
Number of fires, loss between \$1,000 and \$2,000	9
Number of fires, loss between \$2,000 and \$5,000	6
Number of fires, loss between \$5,000 and \$10,000	6
Number of fires, loss over \$10,000	8
Total	182

FIRE RECORD 1883 TO 1891 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

TABLE OF FIRES AND ALARMS.

YEAR ENDING DECEMBER 31, 1890.

MONTHS.	From all sources	From Boxes.	Stills.	Tele-phone.	Actual Fires.	False.
January	15	7	5	3	14	1
February	15	7	8	..	15	..
March	11	6	1	4	11	..
April	9	4	5	..	9	..
May	11	6	4	1	11	..
June	8	3	3	2	8	..
July	22	10	7	5	21	1
August	11	4	2	5	11	..
September	12	8	3	1	11	1
October	15	5	5	5	15	..
November	17	8	6	3	16	1
December	11	9	1	1	11	..
Totals	157	77	50	30	153	4

YEAR ENDING DECEMBER 31, 1891.

MONTHS.	From all sources	From Boxes.	Stills.	Tele-phone.	E. P.	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	..
Totals	182	100	56	16	6	4	178	4

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 B, at intersection of Fifteenth 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 Nineteenth, between Q and R streets.
- No. 7 Engine Company, south-east corner Third and I streets, East Portland.
- No. 8 Engine Company, west side of Borthwick, between Knott and Sellwood streets, Albina.
- Hook and Ladder Co. No. 1, east side of Fourth, between Morrison and Yamhill streets.
- Hook and Ladder Co. No. 2, east side of Fourth, between Montgomery and Mill streets.
- Hook and Ladder Co. No. 3, north side of G, between North Thirteenth and North Fourteenth streets.
- Hook and Ladder Co. No. 4, southeast corner Third and I streets, East Portland.
- Hook and Ladder Co. No. 5, west side of Borthwick, between Knott and Sellwood streets.
- Hose Company No. 1, foot of C street, water front.
- Hose Company No. 2, east side of First, between Madison and Jefferson streets.
- Hose Company No. 3, Seventh, between Stephens and Alaska streets, Stephens Addition, East Portland.
- Hose Company No. 4, Vancouver Avenue, between Beach and Spruce streets, Albina.
- Supply Building, adjoining Engine Company No. 6.
- Bell Tower, in rear Engine Company No. 1.

INSURANCE ON BUILDINGS.

ENGINE AND TRUCK HOUSE NO. 1.

Phoenix Assurance Co. of London, expires Nov. 14, 1892	\$2,857 14	
Commercial Union Insurance Co. of London, expires March 30, 1892	1,142 86	\$ 4,000 00

FIRE BELL AND ATTACHMENTS.

Phoenix Insurance Co. of London, expires Nov. 14, 1892	1,071 43	
Commercial Union Assurance Co. of London, expires March 30, 1892	428 57	1,500 00

ELECTRICAL APPURTENANCES, ETC., FIRE ALARM TELEGRAPH.

Phoenix Assurance Co. of London, expires Nov. 14, 1892	1,071 43	
Commercial Union Insurance Co. of London, expires March 30, 1892	428 57	1,500 00

ENGINE HOUSE NO. 3.

London & Lancashire Fire Insurance Co., expires May 20, 1892	1,500 00	
Imperial Fire Insurance Co. of London, expires May 20, 1892	1,500 00	3,000 00

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

Phoenix Assurance Co. of London, expires Jan. 1, 1892	1,500 00	
State Investment & Insurance Co. of San Francisco, Cal., expires February 1, 1892	1,500 00	3,000 00

ENGINE HOUSE NO. 5.

Phoenix Assurance Co. of London, expires April 25, 1892	2,500 00	
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ENGINE HOUSE NO. 6.

Home Mutual Insurance Co. of New York, expires April 14, 1892	750 00	
Union Insurance Co. of San Francisco, Cal., expires April 14, 1892	750 00	1,500 00

ENGINE HOUSE NO. 8.

Phoenix Assurance Co. of London, expires Oct. 2, 1892	2,000 00
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TRUCK HOUSE NO. 3.

State Investment & Insurance Co., expires Feb. 1, 1892	1,500 00
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HOSE HOUSE NO. 4.

Continental Insurance Co., of New York, expires July 2, 1894	900 00	
Continental Insurance Co., of New York, expires Sep- tember 29, 1894	500 00	1,400 00

CORPORATION SHED.

Home Mutual Insurance Co. of New York, expires April 14, 1892	500 00	
Union Insurance Co. of San Francisco, Cal., expires April 14, 1892	500 00	1,000 00

HOUSE ON MISSISSIPPI AVENUE, ALBINA.

Continental Insurance Co. of New York, expires July 2, 1894	900 00
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HOUSE ON RODNEY AVENUE, ALBINA.

Oakland Home Insurance Co., expires May 1, 1894	900 00
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Total	\$24,700 00
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EXPENDITURES ON ACCOUNT OF ALL COMPANIES DURING THE YEAR 1891.

FOR WHAT PURPOSE.	Salaries	HOUSE AND LOT.		APPARATUS.		HORSES.			Harness and Repairs.	Horse Feed	Fuel	Lighting	Small Stores	Telephone	Insurance	Incidentals	Amounts
		Cost.	Repairs Fixtures and Furniture.	Cost.	Repairs	Cost.	Shoeing.	Vet. Surg.									
Engine Co. No. 1.	\$ 4,800 00		\$ 78 05		\$ 90 20		\$ 73 00	\$ 9 00	\$ 116 50	\$ 386 80	\$ 286 00	\$ 138 65	48 95	60 00	\$ 88 00		\$ 6,175 24
Engine Co. No. 2.	4,800 00		325 04		1191 74	\$ 250 00	86 50		51 50	381 12	165 50	46 70	47 25	60 00			7,408 35
Engine Co. No. 3.	4,800 00		1271 16		26 00		51 75	9 55	4 40	361 32	96 00	68 00	35 77	60 00	120 00		6,903 95
Engine Co. No. 4.	4,800 00		2183 67		86 25		77 00	31 00	36 50	359 48	95 75	77 75	28 19	30 00	78 75	20 00	7,904 34
Engine Co. No. 5.	4,800 00		137 78		96 82		88 50	14 00	35 65	502 59	183 75	97 90	39 30	60 00	75 00	2 50	6,133 79
Engine Co. No. 6.	4,800 00		100 65		122 60		78 00	46 00	23 00	477 77	215 67	93 40	53 16	60 00	120 00		6,189 25
Engine Co. No. 7.	1,341 40	1881 67	43 80	\$ 550 00	135 54	475 00	23 00	8 50	271 05	113 19	36 00	21 85	15 75	28 35		12 00	4,957 09
Engine Co. No. 8.	619 00	1339 65	395 75	3550 00	52 83	925 00	5 00	4 50	425 75	62 87	50 50	10 20	95 24		32 50	18 50	7,587 35
H. & L. Co. No. 1.	3,720 00		100 61		321 20		72 00	11 00	39 55	406 40	42 50	154 47	74 55	60 00			5,002 28
H. & L. Co. No. 2.	3,720 00		280 20	100 00	105 45		46 00	2 00	12 50	224 84	70 58	62 70	27 55	30 00			4,681 74
H. & L. Co. No. 3.	944 50	1368 13	196 15	2990 00	35 40	450 00	17 77	4 50	202 39	107 65	28 00	29 50	39 35	15 00	90 00		6,518 25
H. & L. Co. No. 4.		913 55															913 55
H. & L. Co. No. 5.		1060 01		555 00											32 50		1,647 51
Hose Co. No. 1.	3,240 00		12 60		62 50		54 50		25 90	228 50	18 50	40 10	21 45	60 00		420 00	4,185 05
Hose Co. No. 2.	3,240 00		149 85	570 00	23 25		60 50	5 50	41 00	352 44	44 50	109 35	31 15	60 00			4,687 54
Hose Co. No. 3.	191 13	1025 21	65 00	600 00	2 50	475 00	5 00				9 00	2 10	5 40				2,380 94
Hose Co. No. 4.		1165 82	16 00	600 00	2 50	450 00	5 00								28 50	4 50	2,272 32
Officers, teams and supply wagons.	809 18		1 75	185 00	172 50	175 00	86 75	7 50	112 00	272 58			15 50			8 50	1,846 26
Total	\$16,025 21	\$8754 04	\$3358 66	\$9700 00	\$2527 28	\$3200 00	\$830 27	\$153 50	\$1401 60	\$4237 63	\$1341 23	\$952 67	\$578 50	\$583 35	\$405 25	\$480 00	\$87,394 80

Chief Engineer's Report.
GENERAL EXPENDITURES, 1891.

Officers' salaries	\$6,133 55
Hose and repairing	2,851 75
Water	7,023 00
Hydrants and repairing	3,948 37
Cisterns and repairing	463 74
Office expenses	640 82
Printing and advertising	722 30
Telephone	275 65
Incidental	1,438 20

FIRE ALARM TELEGRAPH.

Salaries	\$2,095 61
Supplies	4,417 76
	6,513 37

SUMMARY.

Company expenditures	\$87,394 80
General expenditures	30,010 75
Total expenditures for 1891	\$117,405 55

SALARIES OF OFFICERS AND MEN.

	Per annum.
1 chief engineer	\$ 2,400
1 first assistant engineer	1,800
1 second assistant engineer	1,500
1 third assistant engineer	600
1 fourth assistant engineer	600
8 engineers of steamers	9,600
8 drivers of steamers	7,200
8 drivers of hose carts	6,720
2 drivers of hose wagons	1,800
3 drivers of hook and ladder trucks	2,700
8 foremen of engine companies	2,880
3 foremen of hose companies	3,360
3 foremen of hook and ladder trucks	2,520
48 members at call, engine companies	11,520
12 members at call, hose companies	2,880
24 members at call, hook and ladder companies	5,760
1 driver supply wagon	840
1 superintendent of fire alarm	1,800
1 lineman of fire alarm	900
1 secretary	1,200
Pay of clerks for 13 companies	780
136 members	\$68,760

CITY HYDRANTS.

NORTH OF MORRISON STREET.

1	Third and Alder	54	Seventeenth and S
2	Third and Stark	55	Eighteenth and B
3	Third and Pine	56	Eighteenth and D
4	Third and A	57	Eighteenth and F
5	Third and B	58	Eighteenth and H
6	Third and C	59	Eighteenth and J
7	Third and D	60	Eighteenth and L
8	Third and E	61	Eighteenth and N
9	Third and F	62	Eighteenth and P
10	Fourth and G	63	Eighteenth and R
11	Fifth and A	64	Eighteenth and U
12	Fifth and C	65	Nineteenth and B
13	Fifth and H	66	Nineteenth and E
14	Sixth and G	67	Nineteenth and I
15	Seventh and F	68	Nineteenth and K
16	Seventh and H	69	*Nineteenth and M
17	West Park and Washington	70	Nineteenth and O
18	West Park and B	71	*Nineteenth and T
19	West Park and D	72	Twentieth and H
20	West Park and G	73	Twentieth and J
21	Ninth and Stark	74	*Twentieth and N
22	Tenth and B	75	Twentieth and Q
23	Tenth and E	76	Twentieth and S
24	Tenth and F	77	Twenty-first and B
25	Tenth and I	78	Twenty-first and E
26	Eleventh and D	79	Twenty-first and G
27	Eleventh and G	80	Twenty-first and I
28	Eleventh and L	81	Twenty-first and L
29	Eleventh and N	82	Twenty-first and N
30	Twelfth and Alder	83	Twenty-first and P
31	Twelfth and Washington	84	Twenty-first and S
32	Twelfth and F	85	*Twenty-first and T
33	Twelfth and K	86	*Twenty-second and F
34	Thirteenth and J	87	*Twenty-second and G
35	Thirteenth and O	88	*Twenty-second and H
36	Thirteenth and Q	89	*Twenty-second and J
37	Thirteenth and S	90	*Twenty-second and L
38	Fourteenth and Morrison	91	*Twenty-second and N
39	Fourteenth and F	92	Twenty-second and S
40	Fifteenth and B	93	Twenty-second and Q
41	Fifteenth and H	94	*Twenty-third and F
42	Fifteenth and K	95	*Twenty-third and J
43	Fifteenth and N	96	*Twenty-third and N
44	Fifteenth and P	97	*Twenty-third and P
45	Fifteenth and S	98	Twenty-third and S
46	Sixteenth and F	99	*Twenty-fourth and J
47	Sixteenth and M	100	Twenty-fourth and S
48	Sixteenth and U	101	Twenty-fifth and S
49	Seventeenth and E	102	Twenty-sixth and S
50	Seventeenth and J	103	*Twenty-sixth and T
51	Seventeenth and K	104	B, opp Cornell road
52	*Seventeenth and O	105	B, opp city park
53	*Seventeenth and Q		

*New in 1891.

CITY HYDRANTS.—Continued.

SOUTH OF MORRISON STREET.

1	Water and Mill	47	Fifth and Jefferson
2	Water and Montgomery	48	Fifth and Columbia
3	Water and Harrison	49	South Fifth and Grant
4	Water and Hall	50	Sixth and Clay
5	*South Water and Grover	51	Sixth and Harrison
6	*South Water and Hooker	52	South Sixth and Sherman
7	*South Water and Curry	53	South Sixth and Sheridan
8	Hood and Lincoln	54	Seventh and Market
9	Hood and Caruthers	55	Seventh and Montgomery
10	Hood and Meade	56	Seventh and Jackson
11	*Hood and Whittaker	57	South Seventh and Lincoln
12	*Hood and Curry	58	South Seventh and Grant
13	*Hood and Davis	59	West Park and Salmou
14	*Hood and Abernethy	60	West Park and Jefferson
15	Corbett and Roster	61	West Park and Clay
16	Corbett and Gibb	62	West Park and Mill
17	Corbett and Curry	63	West Park and Harrison
18	Corbett and Gains	64	West Park and College
19	Corbett and Abernethy	65	Tenth and Jefferson
20	Corbett and First avenue	66	Eleventh and Montgomery
21	Corbett and Third avenue	67	Eleventh and Salmon
22	South Front and Lincoln	68	Twelfth and Taylor
23	South Front and Caruthers	69	Twelfth and Jefferson
24	South Front and Meade	70	Thirteenth and Taylor
25	South Front and Porter	71	*Thirteenth and Montgomery
26	South Front and Gibbs	72	Fourteenth and Taylor
27	*South Front and Curry	73	Fourteenth and Clay
28	South First and Grant	74	Fourteenth and Jefferson
29	South First and Sheridan	75	Fifteenth and Mill
30	South First and Hooker	76	*Mill, bet 12th and 13th
31	South First and Wood	77	Chapman and Jefferson
32	South First and Whittaker	78	*Chapman and West Main
33	South First and Davis	79	*Stout and Jefferson
34	South Second and Lincoln	80	Stout and West Main
35	*South Second and Roster	81	King and West Salmon
36	Third and Yamhill	82	King and West Yamhill
37	Third and Salmon	83	*Multnomah and Gains
38	Third and Madison	84	Multnomah, between First and Second avenues
39	Third and Clay	85	*St Clair and West Yamhill
40	Third and Market	86	*St. Clair and West Salmon
41	South Third and Sheridan	87	*Ford and West Main
42	South Third and Hooker	88	to 101 *Fourteen hydrants, south of Third avenue on macadam road
43	Fourth and Madison		
44	Fourth and Harrison		
45	South Fourth and Lincoln		
46	Fifth and Main		

PORTLAND HEIGHTS.

1	*Thirteenth and Elizabeth	4	*Seventeenth and Laurel
2	*Fifteenth and Elizabeth	5	*Seventeenth and Jackson
3	*Fifteenth and Myrtle	6	*Seventeenth and Spring

*New in 1891.

HYDRANTS OF ELEVATOR COMPANY.

1	Front and Yamhill	27	Front and O
2	Front and Taylor	28	First and Yamhill
3	Front and Salmon	29	First and Taylor
4	Front and Main	30	First and Salmon
5	Front and Madison	31	First and Main
6	Front and Jefferson	32	First and Madison
7	Front and Columbia	33	First and Jefferson
8	Front and Clay	34	First and Columbia
9	Front and Market	35	First and Clay
10	Front and Morrison	36	First and Market
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 A	43	First and Ash
18	Front and B	44	First and A
19	Front and C	45	First and B
20	Front and D	46	First and C
21	Front and E	47	First and D
22	Front and H	48	First and E
23	Front and I	49	First and F
24	Front and K	50	First and G
25	Front and L	51	Third and Oak (private)
26	Front and M	52	Fourth and C (private)

LOCATION OF HYDRANTS.

EAST PORTLAND.

1	Oak and Third	50	L and First
2	Oak and Fifth	51	L and Fourth
3	A and Fifth	52	L and Fifth
4	B and Seventh	53	L and Ninth
5	C and Third	54	L and Twelfth
6	D and Fourth	55	M and Fourth
7	Clay and Fifth	56	N and Fourth
8	Clay and Eighth	57	N and Fifth
9	Clay and Twelfth	58	N and Seventh
10	Clay and Fifteenth	59	N and Twelfth
11	Clay and Twenty-first	60	N and Sixteenth
12	Weidler and Fourth	61	N and Twentieth
13	Halsey and Second	62	O and Sixth
14	Multnomah and Second	63	O and Ninth
15	Multnomah and Fourth	64	O and Twelfth
16	Multnomah and Seventh	65	O and Fourteenth
17	Multnomah and Ninth	66	P and Fifth
18	Holladay ave and Maple	67	R and Fifth
19	Holladay ave and First	68	S and Sixteenth
20	Holladay ave and Fourth	69	U and Fourth
21	Holladay ave and Ninth	70	U and Fifth
22	Oregon and Fourth	71	U and Seventh
23	Oregon and Nineteenth	72	U and Ninth
24	Willamette and Twentieth	73	U and Eleventh
25	A and Fourth	74	V and Tenth
26	D and Fourth	75	W and Third
27	D and Ninth	76	W and Seventh
28	D and Twelfth	77	Stephens and Fifth
29	D and Sixteenth	78	Stephens and Eighth
30	E and Fourth	79	Stephens and Eleventh
31	E and Twelfth	80	Alaska and Seventh
32	G and Fourth	81	Washington and Fifth
33	G and Sixth	82	Washington and Eighth
34	G and Tenth	83	Washington and Eleventh
35	G and Twelfth	84	Adams and Seventh
36	G and Sixteenth	85	Jefferson and Eighth
37	G and Twenty-second	86	Jefferson and Ninth
38	I and Fourth	87	Jefferson and Eleventh
39	I and Sixth	88	Jackson and Fourth
40	I and Twelfth	89	Jackson and Tenth
41	I and Fourteenth	90	Inman & Paulsen sawmill
42	J and Fourth	91	Ivon and Fourth
43	J and Sixth	92	Clinton and Fifteenth
44	J and Tenth	93	Clinton and Eighteenth
45	J and Twelfth	94	Taggart and Fifth
46	K and Nineteenth	95	Brooklyn and Eighth
47	K and Twenty-Second	96	Bush and Twenty-first
48	K and Twenty-sixth	97	Wall and Milwaukee road
49	K and hospital gate	98	Schoolhouse & Milwaukee r'd

SUNNYSIDE.

1	M and Laburnum	3	Q and Acacia
2	O and Laburnum	4	S and Chestnut

CISTERNS.

EAST PORTLAND.

	Capacity, gals.
Seventh and B (McMillan's addition)	25,000
Fourth and I	20,000
Twelfth and G	25,000
Fourteenth and I	25,000
Fifth and L	20,000
Fifth and U	25,000

FIRE HYDRANTS

BELONGING TO THE CITY OF PORTLAND AND ATTACHED TO THE MAINS OF THE ALBINA LIGHT & WATER CO

1 SE cor Chapman and Stark	13 SW cor Catherine & Margaretta
2 SW cor Goldsmith and Stark	14 SW cor Catherine and Williams
3 SE cor Goldsmith and Harding	15 SW cor Sellwood and Williams
4 NW cor Goldsmith & Mitchell	16 SW cor Sellwood and Mitchell
5 SW cor Page and Gibbs	17 NW cor Knott and Borthwick
6 NE cor Russell and Chapman	18 SE cor Elliott and Morgan
7 SE cor Russell and Grover	19 SW cor Elliott and Margaretta
8 SW cor Russell and Mitchell	20 SE cor Beech and Mississippi
9 SW cor Russell and Whitaker	21 NE cor Summit and Mississippi
10 SW cor Russell and Abernethy	22 NE cor Fir and Mississippi
11 SE cor Russell and Rodney	23 NE cor Ash and Williams
12 SW cor Russell and Margaretta	

CISTERNS

BELONGING TO THE CITY OF PORTLAND AND SUPPLIED WITH WATER FROM THE MAINS OF THE ALBINA LIGHT & WATER CO.

	Capacity, gals.
1 Intersection Williams avenue and Beech street	20,000
2 Intersection Loring and Harding streets	20,000
3 Intersection Goldsmith and Grover streets	20,000
4 Intersection Ash street and Margaretta avenue	20,000
5 Intersection Beech street and Minnesota avenue	20,000

CISTERNS.

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 E	20,000
Front and Madison	20,000	Fifth and G	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 D	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 B	16,000
First and B	15,000	East Park and E	20,000
Second and Caruthers	20,000	Eighth and Hall	20,000
Second and Main	20,000	Eighth and Clay	20,000
Second and Alder	15,000	Eighth and E	17,000
Second and Stark	20,000	Ninth and Jefferson	20,000
Second and Pine	25,000	Ninth and Salmon	20,000
Second and C	20,000	Ninth and Morrison	20,000
Second and E	20,000	Ninth and C	15,000
Third and Grant	20,000	Ninth and G	20,000
Third and Montgomery	12,000	Tenth and Washington	15,000
Third and Jefferson	15,000	Eleventh and Madison	20,000
Third and Taylor	20,000	Eleventh and B	20,000
Third and Morrison	20,000	Eleventh and J	20,000
Third and Washington	15,000	Twelfth and Market	20,000
Fourth and Clay	20,000	Thirteenth and G	20,000
Fourth and Stark	20,000	Thirteenth and M	20,000
Fourth and B	11,000	Fifteenth and D	20,000
Fifth and Caruthers	20,000	Nineteenth and G	20,000
Fifth and Taylor	15,000	Twentieth and B	20,000
Fifth and Morrison	20,000	Pacific and Yamhill	20,000
Fifth and Washington	15,000	Lownsdale and Morrison	15,000

ANNUAL REPORT OF ENGINE COMPANY NO. 1.

LOCATION—East side of Fourth, between Morrison and Yamhill—COMPANY ROLL.

No. of Badge	NAME	POSITION	AGE	OCCUPATION.	RESIDENCE
3	M. Laudenklos	Foreman	33	Lineman	189 Fourth
4	W. H. McMullen	Engineer	46	Engineer	Engine house
5	D. Campbell	Driver of engine	28	Teamster	Engine house
6	J. J. Galvin	Driver of hose cart	30	Teamster	Engine house
7	A. E. Beckwith	Assistant foreman	30	Grocer	295 Fourth
8	L. Favaro	Extraman	44	Contractor	Engine house
9	W. E. Jacobs	Extraman	32	Coal oil dealer	Engine house
10	J. Carroll	Extraman	24	Lineman	Engine house
11	J. O'Connors	Extraman	25	Electric light trimmer	110 Pine
12	C. Thompson	Extraman	40	Teamster	92 North Seventh

Number of times responded to alarms from big bell, 64. Stills and telephone, 12. Number of hours service, 98-20.

Appointments—None. Resignations—None. Transfers—None. Accidents—None. Deaths—1. Frainey, of typhoid fever, December 21, 1891, at St. Vincent Hospital.

INVENTORY.

1 second-class Clapp & Jones engine (two years old, in good order), 1 hose cart complete, 800 feet Maltese Cross hose, 3 horses, 3 blankets, 2 whips, 1 jack screw, 5 gal. coal oil, 2 gal. machine oil, 1 singletree for engine, 2 crow-bars, 1 poker for engine, 1 cistern key, 1 gong on cart, 2 hose clamps, 3 hose straps, 2 spanners, 5 play pipes, 1 heater complete, 24 chairs, 5 tables, 1 dandruff brush, 1 currycomb, 1 coal stove and pipe, 2 galvanized iron buckets, 2 brooms, 2 scoop shovels, 1 galvanized iron kettle for stove, 3 towels, 1 pitchfork, 1 axe, 1 hatchet, 2 torches, 1 duster, 1 engine house fire alarm gong, 1 engine fire lighter, hanging harness for three horses, 1 Coffee marker, 2 unhitchers, 11 rubber spittoons, 3 hitching straps, 1 grain measure, 2 coal scuttles, 3 looking glasses, 6 iron bedsteads, 2 spring hangers, 1 set engine valves, 1 door mat, 2 pipe holders, 1 three-light chandelier, 1 mop stick, 1 dustpan and brush, 4 one-light chandeliers, 3 soap dishes, 1 clock (good), 2 two-light chandeliers, 1 floor brush, 3 galvanized iron feed boxes, 1 towel roller, 1/2 load wood, 1 1/2 tons coke.

ANNUAL REPORT OF ENGINE COMPANY NO. 2.
LOCATION—West side Second Street, between Oak and Pine—COMPANY ROLL.

No. of Badge	NAME	POSITION	AGE	OCCUPATION	RESIDENCE
13	R. T. Chamberlin	Foreman			
14	J. Cunningham	Engineer	49	Carpenter	W. P. and Yamhill
15	T. Springer	Driver of engine	47	Engineer	Engine house
16	W. Collett	Driver of hose	33	Teamster	Engine house
17	J. Brown	Assistant foreman	33	Carpenter	Engine house
18	A. Graham	Extramán	28	Clerk	Engine house
19	F. Wynn	Extramán	25	Carpenter	Engine house
20	R. Graham	Extramán	33	Teamster	Sixth and Oak
21	R. Cullins	Extramán	31	Teamster	Engine house
22	J. Morgan	Extramán	28	Electrician	Eighth and Madison
			21	Plumber	Engine house

Number of times responded to alarms from bell, 94. Stills, 8. Number of hours service, 53-15.

Accidents—W. Collett, eye injured. J. Morgan, arm sprained. *Transfers*—R. Cullins from Truck 2 to Engine 2. Ed. Fuller from Engine 2 to Truck 3. *Resignations*—J. White, F. Hoffman, F. Folsom. *Appointments*—F. Folsom, J. Morgan, F. Wynn.

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 jackscrew, 3 horse blankets, 1 dust brush, 1 horse brush, 1 curry comb, 1 dandruff brush, 1 block and tackle, 1 mop handle, 50 feet one inch hose, 1 clock, 6 chairs, 2 brooms, 1 stove, 1 sprinkler, 1 pitchfork, 2 cistern keys, 3 sacks coal, 5 gallons coal oil, 4 gallons lard oil.

ANNUAL REPORT OF ENGINE COMPANY NO. 3.

LOCATION—Fifteenth and B Streets—COMPANY ROLL.

No. of Badge	NAME	POSITION	AGE	OCCUPATION	RESIDENCE
23	L. Cone	Foreman	34	Moulder	Main, bet. Fifth & Sixth
27	J. Young	Assistant foreman	26	Marble cutter	Engine house
24	W. Wasscher	Engineer	57	Engineer	Engine house
35	W. H. White	Engine driver	35	Teamster	Engine house
26	S. G. Weller	Hose driver	26	Teamster	Engine house
32	E. Chlopeck	Extramán	29	Fish Dealer	Fifteenth and Mill
29	J. J. Flynn	Extramán	33	Blacksmith	Thirteenth and B
31	P. Spies	Extramán	26	Teamster	Engine house
28	H. Lokey	Extramán	22	Plumber	Engine house
30	F. Winsor	Extramán	30	Carpenter	St. Clair and W. Madison

Number of times responded to alarms from bell, 95. Stills, 8. Number of hours service, 71.

Resignations—Thomas Ricket, F. Hicks, D. Fuller, G. A. Ruthorford, W. Thayer. *Appointments*—D. Fuller, P. Spies, H. Lokey, T. Winsor, L. Cone.

INVENTORY.

1 fourth-class Silsby engine, 1 second-class Silsby engine, 40 feet suction hose, 1 two-wheel hose cart, 800 feet Maltese Cross hose, 3 horses, 1 set double harness, 1 set 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 spittons, 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, 2 iron beds, 6 towels.

ANNUAL REPORT OF ENGINE COMPANY NO. 4.

LOCATION—East side of Fourth, between Mill and Montgomery—COMPANY ROLL.

No. of Badge	NAME	POSITION	AGE	OCCUPATION	RESIDENCE.
33	Ed. Simpson	Foreman		Painter	
34	P. Griffin	Engineer	43	Engineer	Third and Market
35	J. Fields	Engine driver	39	Teamster	4th, bet. Mill and Montg
36	Wm. Keller	Hose driver	34	Butcher	Fourth and Mill
37	T. D. Richardson	Clerk	31	Boilermaker	3d, bet. Mill and Montg
38	L. Riley	Extraman	29	Saloonkeeper	Engine house
39	C. Hoops	Extraman	26	Brickmason	5th, bet. Montg & Har'n
40	J. Murphy	Extraman	36	Plumber	Engine house
41	H. Gurr	Extraman	22	Brickmason	Engine house
42	D. Gardner	Extraman	37	Plasterer	Mill, bet. 4th and 3d
			42		Engine house

Number of times responded to big bell, 95. Stills, 6 Number of hours service, 66.

Resignations—J. Flinn. *Deaths*—V. D. Behrns. *Appointments*—T. D. Richardson, clerk; H. Gurr and D. Gardner, extramen.

INVENTORY.

1 second-class Amoskeag engine, 1 two-wheel hose cart, 800 feet Maltese Cross hose, 3 horses, 1 set of double harness, 1 single harness, 3 unhitching straps, 3 blankets, 2 Bery hangers and weights, 1 heater and connections, 1 gong, 1 indicator, 1 heater and bath tub, 1 stove, 4 iron beds, 2 door springs, 1 broom, 1 dustpan and brush, 1 duster, 16 chairs, 6 tables, 6 new window shades, 8 spittoons, 1 hay fork, 1 shovel, 1 axe, 1 sprinkler can, 1 door mat (wire), 1 currycomb and brush, 1 dandruff brush, 1 sponge, 1 jack screw, 1 stable broom, 50 feet garden hose, 6 hose straps, 2 hydrant keys, 2 hose clamps, 4 sacks of cannell coal, 15 spanners, 3 hay racks (iron), 3 galvanized feed boxes, 1 scoop shovel.

ANNUAL REPORT OF ENGINE COMPANY NO. 5.

LOCATION—West side of South Front street, between Whitaker and Gibbs—COMPANY ROLL.

No of Badge	NAME	POSITION	AGE	OCCUPATION	RESIDENCE
79	A. C. Cooke	Foreman	29	Salesman	Cor. First and Grant
80	W. R. Vivian	Engineer	33	Engineer	270 South First street
81	L. Wagner	Engine driver	33	Teamster	Engine house
82	G. Murberger	Hose driver	24	Teamster	270 South First street
83	J. M. Terwilliger	Assistant foreman	29	Butcher	307 South First street
84	J. Yane	Extraman	25	Clerk	Cor. Second and Gibbs
85	B. F. Jones	Extraman	32	Druggist	Cor. Front and Gibbs
86	C. Reynolds	Extraman	28	Painter	Engine house
87	R. J. Jones	Extraman	39	Carpet renovator	First, bet. Grover & Gibbs
88	A. Nisonger	Extraman	34	Planerman	6th, bet Montg. and Har.

Number of times responded to alarms from big bell, 96. Stills, 1. Number of hours service, 50-10.

Resignations—W. T. Smith, Ed. Smith, J. Kearney. *Appointments*—J. Yane, W. R. Vivian, B. F. Jones, G. Murberger. *Discharged*—J. Pughe.

INVENTORY.

3 relays, 1 hydrant wrench and key, 2 switch boards, 1 fourth-class Amoskeag engine, 2 lanterns, 2 suction, 1 gong on engine, 1 set engine wrenches, 2 crowbars, 1 cistern key, 1 engine poker, 1 oil can, 2 fire lighters, 1 Coleman heater and fixtures, 1 hose wagon, 1 monkey wrench, 1 nut wrench for wagon, 550 feet Maltese Cross hose, 250 feet cotton hose, 2 play pipes, 2 nozzles, 2 hose clamps, 3 axes, 1 gong on hose wagon, 2 sets double harness, 4 hangers, 4 hanger springs, 4 horses, 2 whips, 4 horse blankets, 1 hatchet, 1 saw, 2 mops, 1 Gamewell gong, 1 Coffee marker, 2 unhitchers, ¼ cord wood, 2 galvanized iron buckets, 4 galvanized feed boxes, 1 scoop shovel, 1400 lbs coal, 2 towels, 50 feet garden hose and nozzle, 1 double block and tackle, 1 single block, 75 feet ¾-inch rope, 50 feet ½-inch rope, 20 chairs, 1 currycomb, 2 sponges, 2 house brooms, 1 stable broom, 1 dandruff brush, 1 corn brush, 1 scrubbing brush, 1 stove brush, 1 table, 1 mane and tail card, 7 iron bedsteads, ¾-lb package lampblack, 3 wardrobes, 1 stove, 1 coal scuttle, 4 iron hayracks, 1 clock, 1 fire shovel, 4 hitching straps, 2 pitchforks, 1 duster, 1 dust brush, 2 cans axle grease, 1 jack screw, 1 hand truck, 1 dustpan, 2 door mats, 6 rubber cuspidors, 1 gallon lard oil, 14 batteries, 1 vise bench and vise, 1 mirror, 1 harness punch, 1 feed measure, 4 hydrant wrenches, 2 hose straps, 2 hose spanners, 4 hand lamps, 1 large bracket lamp, 1 nigger head, 1 long handle broom, 1 coal oil feeder.

ANNUAL REPORT OF ENGINE COMPANY NO. 6.
LOCATION—West side Nineteenth Street, between Q and R—COMPANY ROLL.

No. of Badge	NAME	POSITION	AGE	OCCUPATION	RESIDENCE
89	W. A. Hart	Foreman			
90	G. L. Stewart	Engineer	39	Surveyor	S, bet. 24th and 25th
91	Geo. Baldwin	Driver of engine	37	Engineer	Engine house
92	Fred. Dobelbower	Driver of hose	29	Teamster	Engine house
93	J. J. Gotthardt	Assistant foreman		Teamster	Engine house
94	Theo. Habekost	Extramán	32	Engineer	466 R
95	Gus. Waterfort	Extramán	29	Gardener	O, bet. 21st and 22d
96	Joseph Gatens	Extramán	31	Stovemounter	Engine house
97	B. F. King	Extramán	22	Lineman	Engine house
98	A. Clausen	Extramán	24	Teamster	Engine house
			32	Painter	454 R

Number of times responded to alarms from big bell, 95. Stills, 5. Number of hours service, 42-35.
Accidents—Geo. Baldwin, kicked by horse. *Transfers*—Peter Spies to Engine 3. Fred Winsor to Engine 3.
Resignations—Al. Singleton, M. Canavan, H. White, A. Supries, W. A. Hart. *Appointments*—Fred. Dobelbower, Jo. Hoffman, Peter Spies, W. A. Hart. Al. Singleton, Fred Winsor, A. Clausen, Jo. Gatens, Geo. Baldwin.

INVENTORY.

1 third-class Clapp & Jones engine and heater complete, 1 hose wagon complete, 800 feet hose, 2 sets double harness, swinging, 4 patent hangers for harness, 4 horses, 1 large feed box, 4 small feed boxes (galvanized iron) 1 Gamewell fire alarm gong, 1 Coffee's marker, 2 Coffee unhitchers, 4 horse blankets, 2 whips, 1 jack screw, 1 stove, 1 galvanized iron kettle for stove, 2 galvanized iron buckets, 2 coal scuttles, 1 scoop shovel, 2 cistern keys, 2 hose clamps, 3 hose straps, 7 spanners, 1 sliding pole, 1 sprinkler, 1 pitchfork, 1 stepladder, 2 play pipes, 1 table, 20 chairs, 1 monkey wrench, 1 door mat, 1 axe, 50 feet garden hose and $\frac{3}{4}$ nozzle, 1 duster, 6 rubber spittoons, 1 clock, 1 curry-comb and brush, 1 dandruff brush, 2 sponges, 1 dustpan and brush, 1 mop, 10 window shades, 4 iron hay racks, 8 iron bedsteads, 1 towel rack, 1 soapdish, 1 bathtub, 2 stable brooms, 2 house brooms, $\frac{1}{2}$ cord wood, 1 hand truck, 3 tons coke, 30 sacks coal, 2 door springs, 31 batteries, 1 ladder (16 feet), 8 towels, 1 pair scissors, 1 rivet punch, 1 bench vice, 1 lamp trimmer, 1 hair broom, 1 gal. oil can, $\frac{1}{2}$ gal. oil can, $\frac{1}{2}$ gal. lard oil, $\frac{1}{2}$ gal. cylinder oil, $\frac{1}{2}$ gal. castor oil, 5 lamps.

ANNUAL REPORT OF ENGINE COMPANY NO. 7.

LOCATION—Corner Third and I Streets, East Side—COMPANY ROLL.

No. of Badge	NAME	POSITION	AGE	OCCUPATION	RESIDENCE
	J. F. Resing	Foreman	28	Surveyor	Tenth and H
	H. Stutsman	Engineer	32	Engineer	1118 Third
	Wm. Christy	Driver of engine	22	Teamster	Engine house
	Charles Clark	Driver of hose	56	Teamster	Engine house
	M. L. Flynn	Assistant foreman	26	Painter	175 Third
	J. L. Knott	Extramán	26	Engineer	Corner Eighth and I
	J. W. Warner	Extramán	24	Cornicemaker	Corner Eighth and J
	J. R. Penney	Extramán	23	Teamster	I, bet. Fourth and Fifth
	E. A. Scofield	Extramán	36	Porter	Corner Tenth and II
	H. R. Linville	Extramán	22	Plumber	579 H

INVENTORY.

1 engine fully equipped, 1 hose wagon fully equipped, 2 sets swinging harness, 4 iron feed racks, 4 iron feed boxes, 4 horse blankets, 2 whips, 4 halter straps, 2 one-inch nozzles, 2 stable brooms, 1 house broom, 1 currycomb, 2 horse brushes, 2 pitchforks, 1 water pail, 2 scoop shovels, 1 mop, 1 stepladder, 1 scrubbing brush, 1 sponge, 2 feather dusters, 2 electric unhitchers, 1 stove, 10 lengths of pipe, 2 spittoons, 50 feet one-inch rubber hose and pipe, 9 gas jets, 1 gong, 1 jack, 1 coal scuttle, 1 Siamese, 1 gal. asphaltum varnish, 5 gals. coal oil, 1 pint castor oil, 1 gal. lard oil, $\frac{1}{2}$ ton coal, 1 alarm bell, 1 sliding pole, 250 feet $2\frac{1}{2}$ inch cotton hose, 700 feet $2\frac{1}{2}$ inch rubber hose, 5 new hydrant keys, 1 old hydrant key, 2 old spanners, 1 hose clamp.

ANNUAL REPORT OF ENGINE COMPANY NO. 8.

LOCATION—Borthwick, between Knott and Sellwood streets, Albina—COMPANY ROLL.

No. of Badge	NAME	POSITION	AGE	OCCUPATION	RESIDENCE
...	E. S. Craig	Foreman	43	Carpenter	Borthwick and Sellwood
...	E. C. Smith	Engineer	35	Engineer	Engine house
...	Jos. Cass	Driver of engine	38	Teamster	Engine house
...	J. A. Moon	Hose driver	29	Teamster	Engine house
...	W. J. Curtin	Assistant foreman	35	Car inspector	Knott, bet Borth & Kerby
...	M. McGloin	Extramán	31	Car repairer	Morris, near Helm
...	A. C. Wyndham	Extramán	39	Barber	Russell, Wil av & Rodn'y
...	J. S. Gleason	Extramán	29	Electrician	Russell, Delay & Goldsm
...	J. H. A. Fink	Extramán	26	Butcher	Engine house
...	E. S. Andrus	Extramán	30	Car repairer	Engine house

Number of times responded to bell, 3. Total hours of service, 6-40.

INVENTORY.

1 fourth-class Watrous engine, 22 feet of suction hose, 2 lamps, 1 hose wagon with 2 lamps, 1 crowbar, 2 axes, 650 feet of Paragon and 150 feet of White Star hose, 4 horses, 2 sets of double harness, 1 saddle, 4 hitching and 4 unhitching straps, 1 block and tackle, 6 hose spanners, 1 fourth-class Watrus hook and ladder truck with 2 axes and 2 lamps, 50 feet of 1-inch rope with hook attached, 6 feed boxes, 4 horse blankets, 2 stable forks, 2 shovels, 3 house brooms, 2 stable brooms, 1 Gamewell alarm and attachments, 6 spittoons, 1 coal stove, 27 lengths of stovepipe and 3 elbows, 1 stove lifter, 1 Silsby heater, 2 play pipes, 2 galvanized buckets, 1 cistern key, 2 currycombs, 2 brushes, 1 round table, 12 armchairs, 12 common chairs, 1 feather duster, 2 coal scuttles, 1 stove brush, 1 hanging lamp, 5 side lamps, 4 stand lamps, 1 stable lamp, 1 pair steps, 2 horse whips, 6 roller towels, 2 grain measures, 1 hand truck, 1 vise, 50 feet 1-inch garden hose, 1 oil can, 1 funnel, 1 monkey wrench, 2 door mats, 6 bedsteads, 3 sponges, 2 chamois cloths, 1 dust pan, 1 dust brush, 4 bedroom tables, 15 window shades.

ANNUAL REPORT OF HOSE COMPANY NO. 1.

LOCATION—Foot of C street—COMPANY ROLL.

No. of Badge	NAME	POSITION	AGE	OCCUPATION	RESIDENCE
53	H. Lewis	Foreman	43	Smelter	Hose house
54	I. Dennery	Driver	31	Driver	Hose house
55	J. Higgins	Extramán	24	Laborer	Hose house
56	J. Cook	Extramán	26	Confectioner	289 Alder
57	J. D. King	Extramán	45	Painter	286 I
58	D. C. Reordan	Extramán	21	Laborer	Hose house
59	C. J. Gallagher	Extramán	28	Blacksmith	205 North Tenth
60	F. A. Rennieke	Extramán	24	Poultryman	Hose house

Number of times responded to alarms from big bell, 94. Stills and telephone, 13. Number of hours service, 72.

Appointments—J. Cook, D. C. Reordan. Resignation—D. W. Gallagher. Accident—T. O'Keefe, run over and killed by hose cart, August 21st.

INVENTORY.

1 four-wheel hose carriage, 800 feet Maltese Cross hose, 2 horses, 1 set double harness, 1 stable broom, 1 house broom, 1 table, 8 chairs, 1 currycomb, 1 dandruff brush, 1 stable shovel, 3 buckets, 2 horse blankets, 1 whip, 1 box stove, 1 monkey wrench, 50 feet 1-inch rubber hose, 5 hose spanners, 1 boiler, 2 side lanterns, 1 spiking maul, 2 gate forks, 1 axe, 1 torch, 1 clock, 1 pitchfork, 2 sponges, 2 service pipes, 1 crowbar, 2 straps, 2 hose clamps, 1 sprinkler, 1 jackscrew, 1 Gamewell alarm gong and apparatus.

ANNUAL REPORT OF HOSE COMPANY NO. 2.

LOCATION—West side First Street, between Madison and Jefferson--COMPANY ROLL.

No. of Badge	NAME	POSITION	AGE	OCCUPATION	RESIDENCE
61	H. McCarthy	Foreman	32	Moulder	Hose house
62	D. Fuller	Driver	31	Driver	Hose house
63	W. Winter	Extraman	32	Upholsterer	Hose house
64	P. Manciet	Extraman	28	Tinsmith	Hose house
65	J. Simpson	Extraman	24	Trimmer	Corner First and Hall
66	C. Turner	Extraman	31	Porter	Hose house
67	T. Donahue	Extraman	30	Porter	Hose house
68	F. Fletcher	Extraman	26	Shipping Clerk	First and Grant

Number of times responded to alarms from big bell, 96. Stills, 11. Number of hours service, 73.

Appointments—D. Fuller, J. Simpson. *Resignations*—W. Davis. *Transfers*—C. Marburger to Engine Company No. 5.

INVENTORY.

1 two horse carriage, 850 feet Maltese Cross hose, 1 hose clamp, 1 gong, 1 axe, 1 crowbar, 6 hydrant wrenches, 4 lanterns, 3 hose straps, 2 play pipes, 1 whip, 2 horses, 1 set double harness, 2 horse blankets, 2 iron feed boxes, 1 leather pouch for carriage, 1 scoop shovel, 1 pitchfork, 1 house axe, 1 coal stove, 1 house gong, 6 chairs, 1 clock, 1 table, 1 sprinkler, 6 spittoons, 7 window shades, 20 feet small hose, 1 jackscrew, 2 house brooms, 2 stable brooms, 1 currycomb, 2 horse brushes, 2 water buckets, 1 iron water boiler, 1 block and tackle, and 50 feet of rope.

ANNUAL REPORT OF HOSE COMPANY NO. 3.

LOCATION—Seventh Street, between Stevens and Alaska, Stephen's Addition, East Portland—COMPANY ROLL.

No. of Badge	NAME	POSITION	AGE	OCCUPATION.	RESIDENCE
. . .	L. G. Holden	Foreman	26	Carpenter	Seventh and Stevens
. . .	Edward Oliver	Driver	25	Teamster	Seventh and Stevens

Alarms—None. *Appointments*—None. *Resignations*—None.

INVENTORY.

140 feet extension ladder, 120 feet roof ladder, 110 feet roof ladder, 1 coal stove, 13 lengths stove pipe, 1 mop, 1 dandruff brush, 1 stable broom, 1 house broom, 1 horse brush, 2 large sponges, 5 sacks coal, 1 coal scuttle, 1 hand truck, 1 scoop shovel, 1 coal shovel, 1 set double harness, 2 horses, 1 coal hook, 1 combination hose wagon (complete) 1 sliding rod (brass), 1 unhitcher, 2 lanterns, 1 case coal oil, 1 electric gong and batteries, 50 feet one-inch hose, 800 feet hose, 2 sacks bran, 9 sacks oats, 3 galvanized iron buckets, 1 sack oil meal, 4 bales straw, 5 bales hay, 2 pitchforks, 1 currycomb, 3 small sponges, 1 monkey wrench, 1 flat axe, 1 chamois skin, 2 bars castile soap, 2 bars corn soap.

ANNUAL REPORT OF TRUCK COMPANY NO. 1.
COMPANY ROLL.

No. of Badge	NAME	POSITION	AGE	OCCUPATION	RESIDENCE
43	E. H. Parker	Foreman	26	Lineman	Truck house
44	A. Richardson	Driver	27	Teamster	Truck house
45	Z. Elliott	Extraman	26	Porter	Truck house
46	M. J. Duffy	Extraman	28	Butcher	105 Jefferson
47	S. Glandon	Extraman	23	Teamster	
48	C. Traung	Extraman	25	Lithographer	Truck house
49	H. E. Clark	Extraman	30	Lineman	Truck house
50	A. G. Stephan	Extraman	29	Lineman	Truck house
51	W. R. Maxfield	Extraman	28	Lineman	Truck house
52	S. Creighton	Extraman	28	Lineman	Truck house

Bell alarms responded to, 54. Total bell alarms, 95. Telephone, 17. Stills, 15. Number of hours service, 79-05.

Appointments—Z. Elliott, truckman; C. Traung, truckman; H. Obner, truckman; H. E. Clark, truckman. *Resignations*—J. Williamson, truckman; H. Obner, truckman. *Transfers*—W. E. Tropey, truckman; L. W. Maloney, foreman.

INVENTORY.

1 first-class Hayes truck fully equipped, 1 stove, 11 lengths stovepipe, 19 chairs, 5 tables, 12 spittoons, 1 stove shovel, 1 flathead axe, 3 iron buckets, 1 iron kettle, 2 house brooms, 2 stable brooms, 1 pitchfork, 1 scoop shovel, 4 horse blankets, 1 whip, 1 mop, 1 feather duster, 2 corn brushes, 1 currycomb, 1 dandruff brush, 1 chamois skin, 4 sponges, 1 extra bridle, 3 horses, 3 swinging harness, 19 gas jets, 2 extra Babcocks, 100 feet 1-inch hose, 1/2 keg bicarbonate soda, 1 carboy vitriol, 1/2 gal machine oil, 1 gal. castor oil, 1 small oil can, 1 jack screw, 1 hay hook, 1 coal scuttle, 1 bath tub, 2 gongs, 2 unhitchers, 1 indicator, 3 looking glasses, 1 sliding pole, 8 iron bedsteads, 1 flag, 1 dustpan and brush, 1 floor duster, 1 niggerhead window washer, 1 quart arnica, 20 feet of straps for Babcocks, 2 tons coke, 1 harness punch, 1 rivet set, 1 rake, 1 heater and boiler, 1 small hand truck, 1 dozen Babcock charges, 1 step ladder.

ANNUAL REPORT OF TRUCK COMPANY NO 2.
LOCATION—East side of Fourth street, between Mill and Montgomery—COMPANY ROLL.

No. of Badge	NAME	POSITION	AGE	OCCUPATION	RESIDENCE
69	W. H. Cosgrove	Foreman	27	Carpenter	Truck house
70	Thos. Grenfell	Driver	33	Teamster	Truck house
71	O. Wauklin	Extraman	27	Horseshoer	Truck house
72	Wm. Stohlmann	Extraman	32	Florist	Jackson and Eighth
73	Wm. McMahan	Extraman	32	Bartender	Harrison and Fourth
74	Jas. Cosgrove	Extraman	24	Express driver	No. 305 First
75	L. Martin	Extraman	42	Painter	Clay and Fourteenth
76	A. Vaughn	Extraman	29	Upholsterer	No. 53 South Fourth
77	Chas Cooper	Extraman	26	Gasfitter	Truck house
78	Ira Wilson	Extraman	24	Steamfitter	Truck house

Bell alarms responded to, 92. Telephone alarms responded to, 2. Verbal alarms responded to, 5. Hours in service, 62-25.

Appointments—H. Gurr, Chas. Cooper, W. H. Cosgrove, A. Vaughn, Jas. Cosgrove. *Resignations*—R. Leslie, Jos. Willms. *Transfers*—R. Cullins to Engine Co. No. 2, H. Gurr to Engine Co. No. 4, F. Wauklin from extraman to foreman, W. H. Cosgrove from extraman to foreman, F. Wauklin on leave of absence.

INVENTORY.

1 second-class Hayes truck fully equipped, 2 horses, 1 set swinging harness, 1 feed box, 2 horse blankets, 2 halter straps, 1 iron feed measure, 2 stoves, 8 lengths pipe, 1 coal scuttle, 1 stove water boiler, 1 coal shovel, 6 tables, 18 chairs, 8 spittoons, 1 iron bucket, 1 corn broom, one house broom, 1 stable broom, 1 currycomb, 1 pitchfork, 1 mop, 1 dandruff brush, 1 horse brush, 1 scoop shovel, 1 floor brush, 1 dustpan and brush, 1 duster, 1 niggerhead, 1 sprinkler, 1 wire mat, 1 oil can, 4 lanterns, 20 lbs bicarbonate soda, 12 charges Babcock, 50 feet 1/2-inch rubber hose with pipe, 6 window shades, 1 iron bed.

ANNUAL REPORT OF TRUCK CO. NO. 3.

LOCATION—North side G street, between Thirteenth and Fourteenth.—COMPANY ROLL.

No. of Badge	NAME	POSITION	AGE	OCCUPATION	RESIDENCE
99	L. W. Maloney	Foreman	39	Saw mill hand	Truck house
100	W. L. Davis	Driver	28	Teamster	Truck house
101	W. E. Torpey	Extraman	50	Painter	Truck house
102	J. Maher	Extraman	23	Stevendore	Truck house
103	Chas. Hallett	Extraman	29	Navigato	Truck house
104	E. Cavanaugh	Extraman	23	Railroad man	Truck house
105	J. McCormack	Extraman	35	Lineman	Thirteenth and I
106	Fred May	Extraman	27	Painter	Thirteenth and H
107	J. J. Fitzsimmons	Extraman	29	Lawyer	Eleventh & Montgomery
108	E. Fuller	Extraman	33	Clerk	Eleventh and F

Bell alarms responded to, 20. Telephone, 2. Hours in service, 8.

INVENTORY.

1 third-class Hayes truck fully equipped, 1 double set of harness, 2 horse blankets, 1 whip, 1 saddle, 2 hitching straps, 1 pitchfork, 1 manure fork, 2 shovels, 1 currycomb, 2 brushes, 2 house brooms, 1 stable broom, 12 office chairs, 1 niggerhead window washer, 1 round table, 1 square table, 6 iron bedsteads, 1 mirror, 6 rubber cuspadores, 1 house axe, 8 towels, 1 coal stove, 6 lengths of pipe, 1 coal scuttle, 1 dust broom, 1 dustpan and brush, 100 feet $\frac{1}{2}$ inch rope, 1 block and tackle, 50 feet garden hose, 2 unhitchers, 2 unhitching straps, 1 Gamewell gong, 1 feather duster, 2 water buckets, 1 water sprinkler, 3 sponges, 3 metal feed boxes, 1 feed measure, 1 sieve, 1 hand truck, 1 gallon coal oil feeder, 4 Babcock charges, $\frac{1}{2}$ gallon castor oil, 1 monkey wrench, 1 wagon jack, 10 gas jets, 2 mops, 3 hay hooks, 2 horses.

REPORT OF KEEPER OF CORPORATION YARD.

Location—West side of Nineteenth, between Q and R.

C. C. DOBELBOWER, *First Assistant Engineer.*

Keeper of Corporation Yard.

INVENTORY.

Two fourth-class Silsby engines (worthless), 1 second-class Silsby engine, 2 four-wheel hose carriages, 1 supply wagon, 1 set of bobs for supply wagon, 2 single buggies, 2 set single buggy harness, 1 set single harness (supply horse), 1 two-wheel hose cart, 12 doors, 6 old hand-tongues for engines, 1 coal tender, 2 steam heaters, 100 copper tubes for Amoskeag engine, 3 pair doubletrees, 6 rope reels, $\frac{1}{2}$ sack waste, 1 sack rags, 2 set sarven wheels, 2 two-inch iron axles, 30 sacks coal, 2 suction, 2 baskets for suction, 2 plug taps, 2 wheel wrenches, 2 crowbars, 26 hose spanners, 20 pair hose couplings, 3 lanterns, 2 slice bars, 2 pokers, 3 battering rams, 3 pike poles, 3 horses, 700 feet rubber hose, 1 cistern wrench, 1 currycomb, 2 horse brushes, 3 water guages, 1 head light, 1 chain hook, 1 set engine grate bars, 1 wheel pattern, 2 Amoskeag springs, 24 rubber boots, 1 pick, 1 square pointed shovel, 1 grind stone and hangers, 1 fire bell and hangings, 2 iron wheel hubs, 3 basket grates for heater, 1 Amoskeag grate, 2 iron wrenches, 4 stable brooms, 2 feed boxes, 1 single hanger, 2 Amoskeag springs, 6 iron caps, 1 carboy of vitriol, 1 pole for wagon, 4 line snaps, 1 dozen balls wicking, 1 lot hose washers, 2 brass cocks, 2 pieces rubber packing, 2 stove grates complete, 3 stove grate rests, 1 brass boxing, 1 brass gong, 1 pattern for wheel hub, 1 dozen lamp wicks, 1 dozen lantern wicks, 26 hydrant spanners, 32 rubber valves, 1 set door springs, 1 dozen rubber hydrant valves, 1 Silsby grate, 3 metal collars, 1 lot metal collar fixtures, 1 quart ammonia, 1 saddle for cart, 1 pattern for grate rest, 1 steam guage, 2 hydrant caps, 2 ax handles, 2 hose straps, 6 cross bars for heater grates, 1 cog wheel for cart, 1 shut-off tip, 1 reducer, 1 lot old brass tips, 1 brass wheel cap, 2 brass link blocks (old), 2 wooden link blocks (old), 1 wooden link block (new), 1 pair lead lines—single, 1 lot vials and corks, 4 pounds fire lighting compound, 1 coldehisel, 1 punch.

*Inventory of Property in House formerly Occupied by Relief H. & L. Co
No. 3, East Portland, at Holladay's Addition.*

One hose cart, 800 feet rubber hose, 2 ladders, 13 buckets, 1 nozzle, 100 feet rope, 1 ax, 1 crowbar, 2 hydrant keys, 1 spanner, 1 bell on hose cart, 1 large fire bell.

ANNUAL REPORT
OF THE
SUPERINTENDENT OF FIRE ALARM TELEGRAPH.

1891.

PORTLAND, OR., Dec. 31, 1891.

*To the Honorable the Board of Fire Commissioners of the City of
Portland, Oregon:*

GENTLEMEN:—In accordance with the rules and regulations (Sec. VI) I have the honor to submit herewith the ninth annual report of the Fire Alarm Telegraph, and to make for your consideration such recommendations for the new year as will be necessary to maintain the efficiency of the system, and to keep pace with our rapidly growing city, and also to extend the service to the east side of the river. We have changed over from the old to the new poles of the electric light and telephone companies about 18 miles of line and 34 alarm boxes, taking out all the base line wire, excepting along Morrison from Fifth to Twelfth streets, and now the lines are practically above all other wires and out of harm's way.

The ten new boxes ordered in the latter part of 1890, were all located as set forth in my last year's report. This work was finished about February 1, 1891. Another signal box was ordered and placed at the corner of Multnomah street and First avenue.

Five new 18-inch gongs were ordered and placed, one each in the quarters of Truck Company No. 3, Engine Company No. 7, Engine Company No. 8, Hose Company No. 3 and Hose Company No. 4. Also, nine new electric horse unhitchers were placed in these houses, with the necessary relays, switches and batteries.

The six-circuit repeater and general apparatus has worked well during the year and has given universal satisfaction.

Reference will be had to the following pages for a complete list of the location of boxes, inventory of apparatus, line, battery and tools.

SIGNAL BOXES.

- | | |
|----------------------------------|------------------------------------|
| 3. SE cor. Salmon and Front | 36. SE cor. Hall and 10th |
| 4. SE cor. Hall and First | 37. SE cor. Grant and Fourth |
| 5. SE cor. Mill and Fourth | 38. SE cor. Front and Market |
| 6. SE cor. Jefferson and First | 39. SE cor. Water and Harrison |
| 7. SE cor. Jefferson and E. Park | 41. SE. cor. N. 19th and J |
| 8. SE cor. Morrison and Tenth | 42. SE cor. 21st and S |
| 9. SE cor. N. Eighth and E | 43. Weidler's mill, R and N. Front |
| 12. SE cor. Morrison and First | 45. SE cor. N. Seventh and G |
| 13. SE cor. Wash'n and Third | 46. SE cor. 19th and B |
| 14. SE cor. Oak and Second | 47. SE cor. N. 17th and F |
| 15. SE cor. Vine and First | 48. SE cor. N. 10th and J |
| 16. SE cor. N. First and F | 49. SE cor. 21st and L |
| 17. SE cor. N. Fifth and D | 51. SE cor. Taylor and Second |
| 18. SE cor. N. Front and L | 52. SE cor. Main and Fourth |
| 19. SE cor. Front and Stark | 53. SE cor West Park and Yamhill |
| 21. SE cor. Morrison and Fifth | 54. SE cor. Fourth and A |
| 23. SE cor. East Park and Oak | 56. SE cor. Main and Ninth |
| 24. SE cor. 13th and G | 57. SE cor. Pacific and Taylor |
| 25. SE cor. N. 13th and N | 58. SE cor. West Main and Stout |
| 26. SE cor. N. 16th and S | 59. SE cor. Montgomery and 7th |
| 27. S. side Wash'n, opp. N. 15th | 61. SE cor. Front and C |
| 28. SE cor. N. 11th and C | 62. SE cor. Fourth and H |
| 29. SE cor. 21st and E | 63. SE cor. Washington and 8th |
| 31. SE cor. Mead and First | 64. SE cor. 18th and P |
| 32. SE cor. Jefferson and 12th | 71. SE cor. Corbett and Whittaker |
| 34. SE cor. Jackson and Seventh | 72. SE cor. Corbett and Second ave |
| 35. SE cor. Clay and 14th | 73. SE cor. Multnomah & First ave |

INVENTORY AND VALUE OF FIRE ALARM PROPERTY.

APPARATUS.

53 Gamewell automatic non-interference signal boxes	\$7,555 00	
1 Inter-State automatic non-interference signal box	100 00	
1 Gamewell six circuit repeater	1,300 00	
1 tower bell, 4,067 lbs., and striking apparatus	3,000 00	
1 tower bell, small	100 00	
7 galvanometers	110 00	
1 Warner guage	18 00	
1 galvanometer and rheostat	88 00	
1 tripod for same	9 00	
1 relay, large	40 00	
28 relays, small	126 00	
1 telegraph key	5 00	
6 Gamewell gongs, 14 inch	1,500 00	
8 Gamewell gongs, 18 inch	1,200 00	
8 recorders, Coffee's patent	800 00	
2 gongs, 10 inch refitted to 14 inch	90 00	
1 gong, 6 inch	25 00	
3 gongs, 8 inch Gamewell	225 00	
1 Gamewell indicator	150 00	
8 C. E. W. No. 1 switches	32 00	
52 switches, small lever	39 00	
27 electric horse unhitchers, Coffee's patent	1,350 00	
45 electric protectors	550 00	
6 circular switches	18 00	
6 fire alarm boards, 6 inch bell, relay, 2 switches, 82 batteries	102 00	
Total	\$18,532 00	

BATTERY.

345 cells, No. 1 gravity battery	\$ 345 00	
108 cells, LeClanche battery	64 80	409 80
Amount carried forward		\$18,941 80

Amount brought forward		\$18,941 80
50 cells, No. 2 Sampson	\$ 75 00	
37 cells, No. 1 Sampson	46 25	
Total		121 25

BATTERY MATERIAL.

300 blue stone, lbs	\$ 21 00	
40 gravity jars, No. 1, old style	12 00	
15 jars, dry battery, incompetent	5 00	
20 jars, for LeClanche battery	5 00	
20 old copper, lbs.	2 00	
100 old zinc, lbs	5 00	
Total		50 00

MATERIAL.

25 miles of line, strung on poles (in use)	\$3,750 00	
30 forty-foot cedar poles set	135 00	
14 thirty-five-foot cedar poles set	56 00	
79 twenty-five-foot cedar poles set	158 00	
6000 feet box and office cable	180 00	
3300 feet office wire No. 14	42 00	
32 two-wire cross-arms	4 70	
50 pins, oak	2 00	
20 brackets, oak	1 00	
10 brackets, iron	15 00	
1000 standard insulators	60 00	
2 gross screws	5 00	
10 pony insulators	50 00	
500 staples (box pipe)	25 00	
4000 lagg screws	89 00	
24 break classes	4 80	
Porcelain bobbins	1 00	
1000 V iron brackets	1,500 00	
22 rolls of paper for markers (on hand)	5 00	
25 V iron brackets	75 00	
20 3½-inch lagg screws	40 00	
18 4-inch lagg screws	36 00	
50 5-inch lagg screws	1 00	6,110 76

Amount carried forward \$25,223 81

<i>Amount brought forward</i>		\$25,223 81
25 lbs. annunciator wire	\$ 7 50	
20 double switch	15 00	
		22 50
TOOLS.		
1 eighteen-foot ladder	\$ 9 00	
1 ten-foot ladder	2 50	
1 pair climbers	2 00	
1 machine hammer	1 00	
1 pair Buckley stretchers	5 00	
1 strap and vise	3 00	
1 pair Stubbs' pliers	1 50	
1 bench vise	12 00	
1 ratchet brace	2 25	
6 car bits	1 75	
5 bits (small)	1 25	
1 rope	1 00	
1 work bench	9 00	
1 thermometer	50	
4 files	1 00	
1 box screw drivers (Clark's patent)	2 50	
1 solder pot	2 50	
1 solder iron	50	
1 coal oil stove	3 00	
1 gas stove	2 50	
1 saw	2 00	
1 chisel	50	
1 monkey wrench	50	
1 tape line	1 50	
1 post hole digger	7 00	
1 shovel		
1 block and tackle		
1 rule		
1 hatchet		
1 iron saw with extra blade	2 50	
1 alcohol torch	5 00	
1 oil stove	50	83 25
1 parafine pan	\$ 50	
1 pail	75	
1 sprinkling pot	1 00	
1 pair rubber gloves	2 50	

4 75

FURNITURE.

1 instrument table	\$50 00	
3 chairs	10 00	
1 coal box	5 00	
1 coal stove	10 00	
1 set battery shelves	75 00	
2 gas fixtures	4 00	
1 coal scuttle	1 50	
1 ink stand	1 00	
1 pen rack, etc	50	157 00
Total value of fire alarm property		\$25,491 21

EXPENDITURES.

Material for extension	\$1,375 37	
Labor for extension	309 23	
		\$ 1,684 60
Material for shifting	\$ 605 97	
Labor for shifting	618 44	
		1,224 41
Use of patent right for iron insulator pin		600 00
Maintenance of fire alarm system		908 75
Total		\$ 4,417 76

TABLE OF BELL ALARMS.

BOX.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.	Total from each Box.
3	.	.	.	.	.	.	.	.	1	.	.	.	1
4	.	1	1	.	.	.	.	.	.	.	.	.	2
5	.	.	.	.	.	.	.	.	.	.	.	.	0
6	1	.	1	.	.	.	1	1	.	.	.	.	4
7	.	.	.	.	.	.	.	.	.	.	1	.	1
8	.	.	.	.	.	.	.	.	.	.	.	.	0
9	.	.	.	.	.	.	.	.	.	.	.	1	1
12	.	.	.	.	.	.	.	.	.	1	.	1	2
13	1	1	1	.	.	.	.	.	1	.	.	1	4
14	.	2	.	1	.	.	.	1	1	.	1	.	6
15	.	.	.	.	.	.	.	.	.	.	.	1	1
16	.	.	.	.	.	1	.	.	.	1	.	.	2
17	1	.	1	.	.	.	.	.	.	.	.	.	2
18	1	.	.	.	.	.	.	.	.	.	.	.	1
19	1	.	.	.	2	.	2	.	.	.	.	.	5
21	1	.	2	1	.	.	.	.	.	.	.	.	4
23	1	.	.	.	.	.	2	.	1	.	2	.	6
24	.	.	.	.	.	.	.	.	.	.	.	.	0
25	1	.	1	.	.	.	.	.	.	.	.	.	2
26	.	.	.	.	.	.	.	1	.	.	.	.	1
27	.	.	.	.	.	1	.	.	.	.	.	.	1
28	.	.	.	.	.	.	.	.	.	.	.	1	1
29	.	.	.	.	.	.	.	.	.	.	.	.	0
31	2	.	.	.	.	1	1	.	1	.	.	1	6
32	.	.	.	.	.	.	.	.	.	.	.	.	0
34	.	.	.	.	.	.	.	.	.	.	.	.	0
35	.	.	.	.	.	.	.	.	.	.	.	.	0
36	.	.	1	.	.	2	1	.	.	.	.	.	4
37	.	1	1	.	.	.	.	.	.	.	.	1	3
38	1	.	.	1	.	.	.	1	.	.	.	.	3
39	.	2	.	.	.	.	.	2	.	1	1	.	6
41	.	.	.	.	.	.	.	.	.	.	.	.	0
42	.	.	.	.	.	.	.	.	.	.	.	.	0
43	.	.	.	.	.	.	.	.	.	.	.	.	0
45	1	.	.	.	.	.	.	1	1	.	.	.	3
46	.	.	.	.	.	.	.	.	.	.	.	.	0
47	.	.	.	.	.	.	.	1	.	1	1	.	3
48	.	.	.	.	.	.	.	1	.	.	.	.	1
51	.	.	.	.	.	1	.	.	.	.	.	.	1
52	.	.	.	.	.	.	.	.	.	.	.	.	0
53	.	.	.	1	.	.	1	.	.	.	.	.	2
54	1	.	.	.	.	.	3	.	.	.	1	.	5
59	.	.	.	.	.	.	.	.	.	.	.	1	1
61	.	.	.	.	.	.	.	.	1	.	1	.	2
62	.	.	.	.	.	1	.	.	.	.	.	.	1
63	.	.	.	.	.	.	1	.	.	.	.	.	1
64	.	.	.	.	.	.	.	1	.	.	.	.	1
71	.	.	.	.	2	.	.	.	.	.	.	.	2
72	.	.	.	1	2	.	1	.	.	.	.	.	4
73	.	.	.	.	.	.	.	.	.	.	.	.	0
Total	13	7	9	5	6	7	13	10	5	5	7	9	96

RECOMMENDATIONS.

Now that East Portland and Albina have been consolidated with Portland, it is essential that this portion of the city should be properly protected by extending the fire alarm system over these districts. In order to do this it will be necessary to establish twenty-five signal boxes with the required line, gongs, tower bells, and strikers and recorders, necessary to connect the same with the department houses and the repeater and battery at the central office. I have estimated the cost of completing this system at about \$9,112.50, and I earnestly hope this amount will be available for this work. With the application of the fire alarm telegraph, it is a well known fact that large and destructive fires are not so liable to occur, for a speedy and timely notification to the department of the existence of a fire nearly always prevents it from spreading and thereby the loss of property and sometimes of human life is saved.

There are yet a number of localities on the west side that require fire alarm boxes, principally at Fulton and in the extreme north and south portions of the city, and in the western district, also in the vicinity of Sixth and Stark, and Second and D streets. To do this work it will require six new signal boxes and about a six and a half mile extension of our present overhead lines. The city is growing rapidly away from our outlying station and in order to keep pace with the improvements, it will be necessary to constantly add new signal boxes to the system. I wish to renew my recommendations of last year regarding a private system of small bells in operation for notifying the call members of the department of a fire. These bells are placed in the residence, workshop or office of the call members, and maintained by them; connection is made with the nearest department house. These lines and bells are paid for and owned by the firemen and have become a necessity. As they are at best a very unreliable affair, and since the old electric light poles have been removed, destroying many of their lines, a number of the firemen are without any means of hearing an alarm, especially

in the north and south ends of the city, and I would earnestly recommend that either the system of small bells be rebuilt in a substantial manner and cared for by the department, or that two 2000 pound tower bells with suitable striking apparatus, be put up, one at Engine Co. No 5 and the other at Truck Co. No. 3. By this means the tower bells could be heard in any district of the city, which is impossible at present with our one bell. By this arrangement reliability will be assured and subsequently the attendance of the member, which we want more than his fine.

In conclusion, I tender my most sincere thanks to your Honorable Body and to the officers and members of the Fire Department for the earnest support you have always given me, also to the members of the several municipal departments, and to Messrs. P. F. Morey, General Manager Electric Light Co., J. H. Thatcher, Manager Telephone Co., and their employes, for the many courtesies shown me in the discharge of my duties.

Very respectfully,

A. J. COFFEE,

Supt. F. A. Tel.