

Mayor's Message
— AND —
Municipal Reports



For the Year ending December 31, 1907

PORTLAND, OREGON

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OFFICERS OF THE CITY GOVERNMENT.

Mayor Harry Lane
 Auditor..... A. L. Barbur
 Deputy Auditor S. Grutze
 Deputy Auditor F. Henshaw
 Deputy Auditor..... W. S. Lotan
 Deputy Auditor W. D. Smith
 Deputy Auditor..... E. W. Jones
 Deputy Auditor..... James Gill
 Deputy Auditor R. C. Flanders
 Deputy Auditor..... Milton Weidler
 Deputy Auditor..... M. A. McEachern
 Deputy Auditor..... J. S. Hutchinson
 Deputy Auditor..... C. F. Wiegand
 Treasurer..... J. E. Werlein
 Deputy Treasurer..... O. P. Miller
 Deputy Treasurer..... E. W. Paget
 City Attorney..... John P. Kavanaugh
 Deputy City Attorney H. M. Tomlinson
 Deputy City Attorney..... Frank S. Grant
 Deputy City Attorney..... Jos. J. Fitzgerald
 City Engineer..... D. W. Taylor
 Principal Assistant Engineer..... John R. Hanson
 Office Deputy..... Merwin Pugh
 Draughtsman, City Engineer..... R. Rueter
 Sewer Inspector..... Wm. Braden
 Bridge Inspector..... Nels Reed
 Street Inspector (East Side)..... Geo. F. Bodman
 Street Inspector (East Side)..... Aug. A. Ohlhoff

Street Inspector (West Side)..... A. L. Powell
 Sidewalk Inspector..... J. K. Carr
 Municipal Judge..... Geo. J. Cameron
 Chief of Fire Department..... David Campbell
 Chief of Police..... C. Gritzmacher
 Supt. of Street Cleaning and Sprinkling Dept..... Alexander Donaldson
 City Physician..... Dr. F. L. Ziegler
 Inspector of Plumbing and Drainage..... Wm. Hey
 Deputy Inspector Plumbing and Drainage..... C. Barrell
 Deputy Inspector Plumbing and Drainage..... Robt. Simpson
 Deputy Inspector Plumbing and Drainage..... Geo. Otterstead
 Building Inspector..... W. Irving Spencer
 Deputy Building Inspector..... Guy E. Dobson
 Deputy Building Inspector..... W. K. Benvie
 Deputy Building Inspector..... J. H. Leist
 Health Officer..... Dr. Esther C. Pohl
 Deputy Health Officer..... M. P. Scollard
 Deputy Health Officer..... Dr. H. G. Parker
 Deputy Health Officer..... J. M. Kilty
 Park Keeper..... Arthur D. Monteith
 Harbor Master..... Capt. J. Speier
 Pound Master..... Fred Reed

COUNCIL

Time Expires.

President of the Council.....A. N. Wills, July 1, 1909
First Ward.....T. J. Concannon, July 1, 1911
Second Ward.....Hugh W. Wallace, July 1, 1909
Third Ward.....George D. Dunning, July 1, 1909
Fourth Ward.....Geo. L. Baker, July 1, 1911
Fifth Ward.....W. I. Cattel, July 1, 1909
Sixth Ward.....Henry A. Belding, July 1, 1911
Seventh Ward.....A. G. Rushlight, July 1, 1911
Eighth Ward.....Frank S. Bennett, July 1, 1911
Ninth Ward.....R. E. Menefee, July 1, 1909
Tenth Ward.....W. T. Vaughn, July 1, 1909
At Large.....Dan Kellaher, July 1, 1909
At Large.....A. N. Wills, July 1, 1909
At Large.....J. Annand, July 1, 1911
At Large.....Geo. B. Cellars, July 1, 1911
At Large.....M. J. Driscoll, July 1, 1911

STANDING COMMITTEES OF THE COUNCIL

WAYS AND MEANS

Meets at 2 o'clock p. m., Monday—Council Week

A. G. Rushlight W. I. Cattel Dan Kellaher
G. D. Dunning W. T. Vaughn

ACCOUNTS AND CURRENT EXPENSES

Meets at 2 o'clock p. m., Tuesday—Council Week

R. E. Menefee John Annand Frank S. Bennett

STREET CLEANING AND SPRINKLING

Meets at 1:30 o'clock p. m., Wednesday—Council Week

Geo. L. Baker H. A. Belding Geo. B. Cellars
G. D. Dunning A. N. Wills

STREETS

Meets at 2 o'clock p. m., Friday—Preceding Council Week

W. T. Vaughn T. J. Concannon W. I. Cattel Dan Kellaher
A. G. Rushlight H. W. Wallace M. J. Driscoll

SEWER AND DRAINAGE

Meets at 10 o'clock a. m., Friday—Preceding Council Week

A. N. Wills Frank S. Bennett John Annand Geo. L. Baker
Geo. B. Cellars George D. Dunning M. J. Driscoll

PARKS AND PUBLIC PROPERTY

Meets at 1:30 o'clock p. m., Wednesday—Council Week.

M. J. Driscoll W. I. Cattel H. W. Wallace

HEALTH AND POLICE

Meets at 11 o'clock a. m., Friday—Preceding Council Week

T. J. Concannon John Annand A. N. Wills

JUDICIARY AND ELECTIONS

Meets at 2 o'clock p. m., Monday—Council Week

Frank S. Bennett W. T. Vaughn Geo. B. Cellars

STREET LIGHTING

Meets at 1:30 o'clock p. m., Wednesday—Council Week

Geo. B. Cellars Geo. L. Baker H. A. Belding
R. E. Menefee T. J. Concannon

LICENSES

Meets at 2 o'clock p. m., Monday—Council Week.

Dan Kellaher R. E. Menefee T. J. Concannon
H. A. Belding John Annand

COMMERCE, LANDINGS AND WHARVES

Meets at 1:30 o'clock p. m., Wednesday—Council Week

H. W. Wallace A. G. Rushlight Dan Kellaher

LIQUOR LICENSE

Meets at 3 o'clock p. m., Monday—Council Week

W. I. Cattel H. W. Wallace M. J. Driscoll A. G. Rushlight
A. N. Wills Frank S. Bennett W. T. Vaughn

Regular meetings of the Council on 2nd and 4th Wednesdays of each month at 2 o'clock p. m.

REGULAR MEETINGS OF THE COUNCIL

Second and Fourth Wednesdays of each month,

at 2 o'clock p. m.

COMMITTEE MEETINGS

Council Week.

Monday, 2 p. m.....Ways and Means
Monday, 2 p. m.....Judiciary and Elections
Monday, 2 p. m.....License
Monday, 3 p. m.....Liquor License
Tuesday, 2 p. m.....Accounts and Current Expenses
Wednesday, 1:30 p. m.....Street Cleaning and Sprinkling
Wednesday, 1:30 p. m.....Parks and Public Property
Wednesday, 1:30 p. m.....Commerce, Landings and Wharves
Wednesday, 1:30 p. m.....Street Lighting

Preceding Council Week

Friday, 11 a. m.....Health and Police
Friday, 10 a. m.....Sewers and Drainage
Friday, 2 p. m.....Streets

EXECUTIVE BOARD

Harry Lane, Mayor, Chairman

C. A. Cogswell	Thos. G. Greene	D. A. Pattullo
D. M. Donough	W. G. McPherson	L. T. Peery
Max Fleischner	Richard Wilson	R. L. Sabin

Committees of the Executive Board

RULES AND ORDER OF BUSINESS

Meets 3:30 p. m. Friday Board Meeting Day

Thos. G. Greene
C. A. Cogswell

FIRE

Meets 4 p. m. Thursday preceding Board Meeting Day

Max Fleischner
L. T. Peery
Richard Wilson

POLICE

Meets 4 p. m. Thursday preceding Board Meeting Day

Thos. G. Greene
R. L. Sabin
D. M. Donough

BRIDGES

Meets 4 p. m. Thursday preceding Board Meeting Day

W. G. McPherson
Max Fleischner

STREETS

Meets 4 p. m. Thursday following Board Meeting Day

R. L. Sabin
Richard Wilson
D. A. Pattullo

SEWERS

Meets 3 p. m. Thursday preceding Board Meeting Day

L. T. Peery
C. A. Cogswell
W. G. McPherson

STREET CLEANING

Meets 2 p. m. Board Meeting Day

C. A. Cogswell
D. M. Donough
R. L. Sabin

LIGHTS

Meets 3 p. m. Board Meeting Day

D. A. Pattullo
Max Fleischner
Thos. G. Greene

CITY HALL

Meets 3 p. m. Board Meeting Day

Richard Wilson
W. G. McPherson

CURRENT EXPENSES

Meets 3:30 p. m. Board Meeting Day

D. M. Donough
D. A. Pattullo
L. T. Peery

Executive Board meets on the Fridays following the second and fourth Wednesdays of each month, and last day of each month at 4 o'clock p. m.

BOARD OF HEALTH

Harry Lane, Mayor, Chairman

Dr. Geo. F. Wilson
Dr. Robert C. Yenney
Dr. Andrew J. Giesy
Dr. F. L. Ziegler, City Physician
Dr. Esther C. Pohl, Health Officer

Meets first day of each month at 9:30 a. m.

PARK BOARD

Harry Lane, Mayor, Chairman

Dav Raffety
Ion Lewis
I. Lang
J. R. Wilson
A. D. Montieith, Superintendent of Parks

Meets first Friday of each month at 10 a. m.

WATER BOARD

Harry Lane, Mayor, Chairman

R. B. Lamson
G. W. Allen
Jas. D. Hart
C. H. Raffety
Frank T. Dodge, Superintendent
D. D. Clarke, Engineer

Meets second Wednesday in each month at 3 p. m.

CIVIL SERVICE COMMISSION

P. L. Willis
W. L. Brewster
J. M. Blain
W. W. McIntosh, Secretary of Civil Service Commission.

Mayor's Message

To the Honorable, the City Council of the City of Portland, Oregon:

Gentlemen: Complying with the requirements of the City Charter, I herewith submit my annual message, together with the reports of the several boards and departments of the City Government for the fiscal year ending December 31st, 1907. Reports are submitted to me from the Auditor, City Treasurer, City Attorney, City Engineer, Building Inspector, Health Officer, Superintendent of Crematory, Superintendents of Street Cleaning and Sprinkling Department, Civil Service Commission, Plumbing Inspector, Poundmaster, Municipal Judge, Harbor-master, Chief of Police, Chief of Fire Department, Superintendent of Fire Alarm and Police Telegraph, Food Inspector, Superintendent Park Department, President Library Association and Superintendent and Engineer of the Water Board.

From the Auditor's Report I submit the following statement of Cash Receipts and Disbursements during the year 1907:

RECEIPTS.

Total balance January 1st, 1907.....	\$ 726,863.41
General fund	504,065.25
Fire Department fund.....	360,581.53
Police Department fund.....	172,035.56
Bonded indebtedness interest fund.....	117,269.45
Lighting fund	80,048.83
Street repair fund.....	79,874.64
Public Library fund.....	19,999.40
Park fund	48,221.16
Water fund	528,031.60
Water Bond sinking fund	33,390.00
Improvement bond sinking fund.....	122,798.21
Improvement fund	15,758.72
Improvement bond interest fund.....	29,597.80
Street and sewer interest fund.....	5,574.30
Fire hoat fund.....	9.02
Police and Fire Department relief fund.....	3,589.22
Redemption fund	2,959.89

Bill posting badge fund.....	32.00
Special bridge fund.....	80,097.41
Street improvement fund	652,424.54
Sewer fund	195,772.73
Street extension fund.....	30,977.60
Total receipts	\$3,809,972.27

DISBURSEMENTS.

General fund	\$ 350,435.25
Fire Department fund.....	355,611.94
Police Department fund.....	142,630.09
Bonded indebtedness interest fund.....	113,044.00
Lighting fund	83,052.37
Street repair fund.....	82,503.44
Public Library fund.....	19,999.40
Park fund	41,273.52
Park concert fund.....	252.20
Water fund	421,398.25
Water bond interest fund.....	145,950.00
Water bond sinking fund.....	63,949.71
Improvement fund	37,431.92
Improvement bond sinking fund.....	190,724.39
Improvement bond interest fund.....	43,418.96
Street and sewer interest fund.....	9,414.08
Police and Fire Department relief fund.....	2,408.82
Redemption fund	4,711.16
Bill posting badge fund.....	10.00
Special bridge fund.....	80,153.64
Street improvement fund.....	636,046.67
Sewer fund	195,524.42
Street extension fund	59,870.91
Chemical National Bank of New York.....	16,750.00
Chase National Bank of New York.....	2,880.00
M. W. Harris & Co., New York.....	8,130.00
Blair & Co., New York.....	300.00
Total disbursements	\$3,107,875.14
Total balance December 31st, 1907.....	702,097.13
	\$3,809,972.27

The total amount expended by the departments named during the year 1907 was:

Fire Department	\$343,608.93
Police Department	147,357.10
Street Lighting	76,302.20
Street Repairs	84,491.47
Park Department	42,131.06
Water Department	444,014.96
Special Bridge Fund.....	65,396.18
Health Department	12,635.96
Crematory Department	15,578.87
City Engineer's Department.....	79,707.12
Street Cleaning and Sprinkling Department.....	107,147.15
Pound Department	4,640.17
Plumbing Inspector's Department.....	5,392.96
Harbormaster's Department	2,764.92
Civil Service Commission.....	1,644.17
Building Inspector's Department.....	6,377.40

The available balances January 1st, 1908, remaining in the following funds, after payment of all outstanding warrants, were:

General Fund	\$137,955.36
Fire Department fund.....	44,788.84
Police Department fund.....	33,371.85
Bonded indebtedness interest fund	39,052.04
Lighting fund	8,980.05
Street repair fund	1,504.92
Park Department	6,937.11
Water fund	3,242.34
Police and Fire relief fund.....	5,080.38

The amount received during the year from franchises:

People's Market Association (Market Block).....	\$1,100.00
Portland Railway Company.....	4,500.00
Portland General Electric Company.....	1,000.00
Pacific States Tel. & Tel. Company	1,000.00
City Messenger & Delivery Company.....	100.00
United Railway Company (Hillsboro franchise).....	500.00
	\$8,200.00

Willamette Valley Traction Company paid January 3rd, 1908, on account of 1907, \$440.00.

The United Railway Company has not as yet paid the amount due for 1907.

POLICE DEPARTMENT.

Attached hereto I submit the report of Charles Gritzmacher, Chief of Police, and would respectfully call your attention to the suggestions made by him, the work of the Department being badly crippled for want of adequate facilities to carry on the same.

With the present force of patrolmen allowed us, each such officer is required to care for a beat which covers an average of twenty-four miles of streets. Our condition respecting jail room and our need for an emergency hospital is so great, so well known and has been mentioned so often that I consider it unnecessary and perhaps useless to refer to it any farther.

The City, while suffering much from crime, is, so far as I can ascertain, in a better condition in this respect than are our neighboring cities. I attribute this to the fact that in this City this Department is kept free from entanglement with any form of vice whatever, and no protection is expected by or afforded to any person or class which makes gain by such methods, a free hand being allowed to the Department to enforce the laws to all alike.

This policy tends to make the police officer independent and frees him from all fear of interference while in the performance of his duty, and has had a beneficial effect in the conduct of the affairs of this City.

The Police Department as at present constituted, with all vacancies filled, consists of one Chief, four Captains, one Matron, two Detectives, three Sergeants, three Jailers, three Desk-men, three Drivers, two Juvenile Officers, one City Hall Officer, two Juvenile Court Officers and nine men detailed to plain clothes duty, leaving us ninety-five patrolmen to cover as best they can do so, some forty-five square miles of territory, containing eight hundred miles of streets. By adding to our force of mounted men during the coming year, we hope to accomplish better results, it being impossible for footmen to cover the beats assigned to them.

I would respectfully advise the creation of an office, the incumbent to do duty at the Police Station at night with the power of a magistrate to attend to emergency cases, many of which are now dealt with unjustly for the lack of such officer.

HEALTH DEPARTMENT.

Annexed is the report of the Health Officer. The work in this

Department has greatly increased during the past year, and at no time in the history of the Department has greater care or more intelligent effort been exercised in the conduct of the affairs entrusted to it. The City is to be congratulated upon its low death rate as compared with other cities throughout the land.

GARBAGE CREMATORY.

With an increasing amount of offal to be destroyed, we are still working along with the present inadequate and inefficient plant, and I presume will be compelled to do so for an indefinite length of time to come. It is unfortunate that this state of affairs should continue to exist. A full report of the work of this Department for the year 1907 is herewith submitted for your consideration.

WATER DEPARTMENT.

The report from this Department will give the details concerning its affairs.

Owing to the rapid growth of the City, it has been found to be impossible to provide the large number of mains which were called for in the newer outlying districts of the City. The amendment to the City Charter, which would have provided for the payment of extensions in part by the property owners, met with the fate of all of the amendments which were submitted to the people at the last election and left the Water Board without power to act in the matter.

The rates to consumers were lowered one-third during the year 1907, yet the large increase in the number of consumers due to the rapid growth of the City during that period returned a revenue about the same as was collected during the year 1906.

PARK DEPARTMENT.

The report of this Department is submitted herewith. With great natural advantages offered by nature and much benefit to be derived to the City from a proper use of the same, Portland as a city has been negligent of its opportunities. An amendment to the City Charter, which in a large measure would have provided for an intelligent system of parks, unfortunately failed of its purpose through an error in the manner in which it was submitted to a vote of the people under the Initiative Law governing the same.

CIVIL SERVICE COMMISSION.

I herewith submit the report of the Civil Service Commission and

call attention to the same. The work in this Department is conducted free from political influence of any sort, and I quite agree with the suggestion made by the Commission, to the effect that so long as employes are not discharged by their superior officers for reasons of a religious or political nature, that no appeal should be entertained. This would serve to increase the efficiency of the City's service and allow the weeding out of such employes who, while carefully refraining from doing any overt act, yet shirk their duties and by their example encourage others to do the same. In the future I purpose to call all heads of the Departments to a more strict accountability in respect to the retaining of such unfaithful servants in the City's employ, trusting that yourselves and the Commissioners will concur in the view that a person who will accept and receive pay for work perfunctorily performed or illy done is acting dishonestly by the City and is deserving of prompt dismissal from its service.

INSPECTOR OF BUILDINGS.

The report of the Inspector shows by comparison a larger increase in the number of buildings erected during the year 1907 than any other year in the history of the City. This showing applies throughout every section and every character of structure from small houses for wage-earners to large and imposing business blocks, and is a record of which the City may well be proud.

POUND DEPARTMENT.

The report from the Poundmaster is submitted herewith. With a small force and large territory to cover, it has been found impossible to properly care for the same. The suggestion of a sensible citizen, "that a lower rate of charges for licenses to female dogs would bring in more fees and give less incentive to the evasion of the law," seems to me to be a good one, and I submit it for your consideration.

HARBOR MASTER.

The report of this Department makes a good showing for this City. During the past year a competent man was appointed to the position of Harbor Master under civil service regulations and an active and intelligent supervision is now being kept over matters pertaining to the City's harbor, which is its most valuable asset.

PUBLIC LIGHTING.

The report of the Committee on Lights is submitted and contains a

suggestion looking to the establishment of a lighting plant owned and operated by the City. Inasmuch as the lighting of the streets is an increasing burden of great cost, the suggestion is worthy of your serious consideration. With the idea in view that the City might wish to engage in such an enterprise at a time not far distant, and to secure her rights to a source of power in the event that she should care to do so, and acting with the Water Board, I have in the name of the City filed upon all of the water rights of the Bull Run River and recorded the same with the Federal Land Office at Oregon City. In addition to this, and with your help, and acting in conjunction with the Water Board, I expect to perfect the City's title to the same by doing such work upon the property as is necessary to acquire the full title to the same.

CITY ENGINEER'S DEPARTMENT.

The report of the City Engineer calls attention to the large amount of work which is carried on by this Department. If it is borne in mind that Portland opens a street every two hundred feet, it can readily be seen that this City for all time to come will be subject to much needless expense and labor in this Department, which could have been avoided if reasonable foresight had been used in laying out the city.

BUILDING AND CARE OF STREETS.

The composition of the material which the surrounding country affords is of such a soft character that with the best of intentions it is well nigh impossible to make good permanent pavements from its use. The best basaltic rock which comes to this market rapidly wears away, and I am of the opinion that it is worth much less than it costs to make use of it. If a basalt is to be used, it seems to me that the harder type of the same, such as is to be found in the river bed, or in the old river channels, where by process of constant attrition the harder parts only remain, the softer having been reduced to silt, is the proper source of supply. Boulders from these sources of supply contain, in addition to basalt, a certain percentage of much harder material, such as quartz, which adds to its value as a wearing surface, and I would respectfully recommend that the City purchase one or more portable rock crushers, and where possible make use of such to crush boulders for street paving purposes.

The following is a summary of street improvement work done during the year 1907 under the supervision of the City Engineer's Department:

There was constructed under ordinance 34.3 miles of roadway and 34.78 miles of sidewalks, at a cost to property holders of \$897,285.16; 15.73 miles of sewers were laid and completed, the cost of the same being \$92,781.43. Under permit there has been completed during the year the following: Roadway graded, 13.51 miles; sidewalks (all kinds laid), 47.57 miles; asphalt pavement, 3.48 miles; bitulithic pavement, 0.11 mile; stone block pavement, 0.11 mile; bituminous macadam pavement, 0.15; macadam pavement, 0.04; gravel pavement, 0.06; sewers, 4.18 miles.

Hard surface pavement is constantly growing in public favor, not only from economy in time and money in keeping the street clean, but by reason of the long time contract to keep it in repair. This form of improvement is in the end proving the cheapest now in use. We now have on the west side of the river 21.318 miles, and on the east side 8,905 of hard surface pavement completed, besides what is now under contract or being prepared to be placed under contract. From the heavy traffic to which our streets are subject, constant care is necessary to see that they are kept in thorough repair, and this occasions a growing demand upon the fund for repairs of streets.

To the financial prosperity and growth of the City, the value of good streets kept in thorough repair cannot be overestimated, and in direct material benefit no tax returns to the property holders with the certainty of that levied for repair of streets. In my judgment it was false economy that reduced the tax levy for repairing of streets below what was recommended in the budget.

STREET CLEANING AND SPRINKLING DEPARTMENT.

The report from the Superintendent sets forth the large amount of work done by this Department. With a street sixty feet in width located every two hundred feet, comprising in all some six thousand acres of streets in the entire City, three hundred miles of which are improved in one way or another, this City has a permanent and costly task upon its hands in keeping the same cleaned and sprinkled. By the use of oil or some preparation of the same, it is hoped to secure better results with the dust nuisance in the future at a less cost than by the use of water for sprinkling, water being the most universal solvent known, which at all times operates to destroy and disintegrate the surface of streets, regardless of the material used for the purpose of paving the same.

PUBLIC LIBRARY.

The report of the Directors of the Public Library is submitted

herewith. It sets forth the increased dissemination and use of the literature now at its disposal throughout the homes of the City and speaks more than any words can do for its value to the community.

FREE LABOR BUREAU.

The amendment providing for the establishment of this Bureau having been held invalid by the courts, the matter must remain in abeyance until it is again submitted to the people. Until such time as this is done, judging from the history of the past, many cases of cruel wrong and injustice will be visited upon laboring men and women, with no means of checking or righting the same.

FIRE DEPARTMENT.

The report of the Chief Engineer of this Department is submitted herewith. Many useful appliances and much material for fighting fires has been added during the past year. The growth of the City demands that this Department be kept upon a footing equal to the needs of the community, and it should not be allowed to run down below a fixed standard of useful efficiency.

FINANCIAL.

It is a pleasure to report that we closed the year 1907 with a substantial balance of money upon hand, and that the City's affairs, so far as the expenditure of the funds is concerned, has been carefully supervised, with a due regard to economy.

Wherein any responsibility has rested upon the executive branch of the City's government, an exact observance of Charter provisions and careful business rules has been exacted.

PUBLIC FRANCHISES.

I submit a list of the corporations holding franchises in this City and their condition as they have been reported to me.

A number of months ago I issued a call to all franchise holders to submit to the Auditor a statement of their affairs as is required by the City's Charter. This request brought forth but meager results in the way of reports and not much in the way of tangible results or information upon which to found a report to you has been secured. If any facts of a definite nature are to be arrived at in this matter, it will be necessary for me to secure your active aid and co-operation.

Section 99 of the City Charter requires that "every grantee or holder of a franchise from the City rendering service to be paid for wholly, or in part, by the users of such service, shall keep full and correct books of account and make stated quarterly reports in writing to the Auditor, which shall contain an accurate statement in summarized form, as well as in detail, of all receipts from all sources and all expenditures for all purposes, together with a full statement of all assets and debts, as well as such other information as to the costs and profits of said service and the financial condition of such grantee as the Auditor may require." This section of the City Charter further provides that "such reports shall be public records and a summary thereof shall be printed as a part of the Annual Report of the Mayor."

During the year 1906 reports were received from the Portland Gas Company, Western Union Telegraph Company, Northern Pacific Terminal Company, Cascade Power Company, Willamette Valley Traction Company, Home Telephone and Telegraph Company, and the People's Market Association.

During the year 1907 the Portland Gas Company has filed four quarterly reports, and a summary of these reports is hereto attached.

No other grantee or holder of a franchise from the City made a report during the year 1907, and the neglect on the part of the present franchise holders to comply with the repeated requests for the reports provided for and required by Section 99 of the City Charter is called to your attention, and the legislation provided for in said Section 99 for such failure or neglect to furnish such report, either by declaring forfeiture of franchise or deeming such neglect a misdemeanor and providing for the punishment thereof is requested.

In several instances I have called the attention of the City Council to violations of the terms upon which franchises to the use of public property has been granted, yet up until this time there is but little to show in the way of results.

I believe in the pursuit of a just policy toward all holders of grants made by the people and that they should at all times be treated fairly; yet as between the rights of the people and those of the holders of such gifts, I believe in the strict enforcement of the people's rights in such grants, and deem it a grave breach of trust upon the part of the people's representatives if they do not insist upon the exaction of all such rights and benefits.

In checking up the matter, I find that many of the public streets have been taken over and are now being occupied in one way or another by private persons to the exclusion of the public; in fact, I am each week finding more and more of the streets which are thus being occupied, and in the near future, as soon as I can do so with equal justice to all, I shall begin proceedings to take possession of the same in the name of the City. These encroachments are so many and in some instances, owing to the lack of alleyways, are so important in the carrying on of legitimate business that a just solution of the subject, bearing in mind the rights of the public and a decent regard for the business interests of the City, is a puzzling one. If nothing else can be done, the City can at least, and in all instances should, exact a rental for the use of its streets, and a rental proportionate to the value of the use of the property should be exacted.

IN GENERAL.

The past year has been one of unprecedented prosperity in this City and its growth has been substantial, and we begin a new year with no undertakings upon our hands which are unnecessary which we will perforce be compelled to drop from lack of means to accomplish the same, and with anything like ordinary business conditions Portland will continue to prosper.

PAYING OUR DEBTS.

At this time I wish to call your attention to the fact that no provision is made for a sinking fund to provide for the payment of the bonded indebtedness of the City other than that which applies to the water system.

In my opinion the City should provide a sinking fund sufficient to retire all bonds when the life of the improvement for which the bonds were issued ceases to exist.

In the matter of bridges across the river, for instance, no such provision has been made, yet in the near future the City will be compelled to rebuild one or more of these bridges, while the bonds which were issued to pay for the bridges now in existence and about worn out remain unpaid, and it will be necessary to issue another lot of bonds to pay for such new structures as will be required to replace the old ones. In other words it is neither more nor less than an endless chain of increasing debt with no provision for the retirement of

the same. This method of conducting the City's affairs should not be allowed to continue, and I respectfully call your attention to section 114 of the City Charter, which, authorizes a levy to be made to provide a sinking fund to meet the payment of bonds when due.

In connection with this subject I wish to call your attention to a fact concerning the care of the bonds which belong to the sinking fund of the Water Department. The City now owns \$94,262.72 worth of Improvement Bonds belonging to this fund, \$31,500.00 of which are deposited with the City Treasurer and \$62,762.72 with the City Auditor, and by the end of the year we will purchase some \$60,000.00 worth more bonds, yet no provision has been made to designate a proper and responsible custodian for the same or to require any accounting to the Council for them in any manner. Some one, perhaps the City Treasurer, should be designated as the proper custodian of all such securities, and a statement should be required to be rendered to the City Council at least once a year plainly setting forth all of the facts concerning them and the full responsibility for their safe keeping should be fixed.

ACKNOWLEDGMENT.

I wish to tender public acknowledgement for the valuable assistance which has been rendered me by my associates in the management of the City's affairs, for all of which assistance I am fully appreciative and deeply grateful.

Respectfully,

HARRY LANE,
Mayor.

A SUMMARY

Of the report filed by the Portland Gas Company as taken from Quarterly Report filed October 23rd, 1907:

Plant Inventory	\$476,402.90
Extensions	237,153.36
Improvement real estate	48,512.16
Advanced expenses	1,045.64
Account receivable	19,328.45
	<hr/>
	\$782,447.48

Liabilities—	
Capital stock	\$ 50,000.00
Undivided profit	57,000.00
Account payable	667,939.78
Meter deposits	1,584.90
Profit and loss	5,212.30
	<hr/>
	\$782,447.48

A complete list of the names of holders of franchises who have not filed reports will be found in the Mayor's Message and Municipal Reports for the year 1906, pages 101 to 110 inclusive.

HARRY LANE,
Mayor.

ANNUAL REPORT

—OF—

A. L. Barbur, Auditor of the City of Portland, for the Year ending December 31, 1907.

Number	Balance Dec. 31, 1906	Received by Transfer	Receipts	Disburse- ments	Disbursed by Transfer	Balance Dec. 31, 1907	War'nts out Dec. 31, 1906	Warrants drawn	Warrants paid	War'nts out Dec. 31, 1907	Warrants cancelled
1 General Fund	\$ 52,482 78	\$ 13,334 34	\$ 504,065 25	\$ 350,435 25	\$ 52,134 51	\$ 167,312 61	\$ 21,038 49	\$ 359,422 01	\$ 350,435 25	\$ 29,357 25	\$ 668 00
2 Fire Department Fund	76,415 95	2,755 42	360,581 53	355,611 94		84,140 96	51,569 76	343,608 93	355,611 94	39,352 12	214 63
3 Police Department Fund	18,764 66	3,000 00	172,035 56	142,630 09	3,000 00	48,170 13	10,111 87	147,357 10	142,630 09	14,798 28	40 60
4 Bonded Indebtedness Interest Fund	43,567 76	24,128 83	117,269 45	113,044 00	45,370 00	26,552 04		124 00	124 00		
5 Lighting Fund	6,983 59	12,000 00	80,048 83	83,052 37	7,000 00	8,980 05	6,750 17	76,302 20	83,052 37		
6 Street Repair Fund	6,826 64	5,978 09	79,874 64	82,503 44		10,175 93	6,882 98	84,491 47	82,503 44	8,671 01	
7 Public Library Fund			19,999 40	19,999 40				19,999 40	19,999 40		
8 Park Fund	3,933 28	2,500 00	48,221 16	41,273 52	2,500 00	10,880 92	3,086 27	42,131 06	41,273 52	3,943 81	
9 Park Concert Fund	258 49			252 20	6 29			252 20	252 20		
10 Water Fund	94,310 83		528,031 60	421,398 25	160,000 00	40,944 18	15,085 13	444,014 96	421,398 25	37,701 84	
11 Water Bonds Interest Fund	73,775 00	145,000 00		145,950 00		72,825 00					
12 Water Bond Sinking Fund	30,570 75		33,390 00	63,949 71		11 04		63,949 71	63,949 71		
13 Sellwood Ferry Fund	128 83				128 83						
14 Albina Ferry Fund	119 85				119 85						
15 Morrison Street Bridge Fund	1,056 24					1,056 24					
16 Improvement Fund	151,454 43		15,758 72	37,431 92		129,781 23					
17 Improvement Bond Sinking Fund	91,901 51	213 51	122,798 21	190,724 39		24,188 84					
18 Improvement Bond Interest Fund	11,653 17	8,000 00	29,597 80	43,418 96		5,832 01					
19 Street and Sewer Interest Fund	879 91	5,000 00	5,574 30	9,414 08		2,040 13		198 06	198 06		
20 General Fund—Redemption of Warrants	2,889 53					2,889 53					
21 Fund for Repairs to Streets and Bridges	31 98					31 98	31 98			25 48	6 50
22 Fire Boat Fund	263 40		9 02		272 42						
23 Police and Fire Dept. Relief Fund	3,951 99		3,589 22	2,408 82		5,132 39	263 45	2,257 38	2,408 82	52 01	
24 Redemption Fund	131 97	1,694 52	2,959 89	4,711 16		75 22	131 97	4,654 41	4,711 16	75 22	
25 Bill Posting Badge Fund	63 00		32 00	10 00		85 00					
26 Special Bridge Fund	528 74		80,097 41	80,153 61		472 51	815 36	65,396 18	78,061 54	19,150 00	
27 Street Improvement Fund	16,852 87	2,883 79	652,424 54	636,046 67	922 40	35,192 13	2,487 18	610,314 80	636,046 67	199,700 23	20,055 08
28 Sewer Funds	2,151 88	37 35	195,772 73	195,524 42	477 40	1,960 14	2,096 17	197,360 85	195,524 42	15,536 80	1,395 80
29 Street Extension Funds	32,914 38	35 85	30,977 60	59,870 91		4,056 92	693 89	61,743 35	59,870 91	2,444 18	22 15
30 Mt. Hood Electric Co., Deposit Fund	1,000 00					1,000 00					
31 Cascade Power Co., Deposit Fund	1,000 00					1,000 00					
32 Chemical National Bank of New York		33,550 00		16,750 00		16,800 00					
33 Chase National Bank of New York		3,000 00		2,880 00		120 00					
34 N. W. Harris & Co., of New York		8,520 00		8,130 00		390 00					
35 Blair & Co., of New York		300 00		300 00							
Totals	\$ 726,863 41	\$ 271,931 70	\$ 3,083,108 86	\$ 3,107,875 14	\$ 271,931 70	\$ 702,097 13	\$ 884 67	\$ 2,523,578 07	\$ 2,538,051 75	\$ 370,808 23	\$ 22,402 76

^a The Merchants National Bank is Treasurer of this Fund.

^b Of this balance the sum of \$128,161.34 is deposited in Ladd & Tilton's Bank on Certificate of Deposit.

^c Bonds deposited with Treasurer to comply with provisions of Ordinance granting franchise.

Blue prints	2.50
Plumbers' certificates	190.00
Amount refunded, account Claim No. 23407	164.49
Amount refunded, account Claim No. 10835	1.00
Sale of old bicycles	26.35
Removal dead animals	135.00
Amount paid by Ellis G. Hughes on account costs for surveying and engineering, etc.....	522.25
Amount paid by W. W. Banks on account of costs for surveying and engineering, etc.....	30.00
Sale of hides and junk at crematory.....	12.77
Amount refunded on account of cleaning water front.....	330.00
Sale of old engine house and Fire Department junk.....	983.00
Amount paid for repairs to bridges, P. R., L. & P. Co....	180.66
Rebate on insurance policy 8680.....	1.70

Received by transfer from—

Park fund	2,500.00
Lighting fund	7,000.00
Police Department fund	3,000.00
Albina ferry fund	119.85
Street improvement fund	230.80
Sewer fund	477.40
Park concert fund	6.29

\$ 517,399.59

Disbursements:

Transfer to Fire Department fund	\$ 2,483.00
Transfer to Police Department fund	3,000.00
Transfer to lighting fund	12,000.00
Transfer to street and sewer interest fund	5,000.00
Transfer to park fund	2,500.00
Transfer to redemption fund	1,694.52
Transfer to fund for improvement of Morris street	909.26
Transfer to fund for improvement of Hancock street	376.85
Transfer to fund for improvement of Holladay avenue....	85.83
Transfer to fund for improvement of Alder street.....	499.98
Transfer to fund for improvement of Union avenue	1,011.87
Transfer to fund for extension of E. 26th street.....	35.85

Transferred to—

Improvement bond interest fund	8,000.00
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Street repair fund	5,500.00
Bond indebtedness interest fund.....	9,000.00
Sewer Kerby street	9.15
Sewer Ohio street	28.20
Warrants paid and returned	350,435.25
	\$ 402,569.76

FIRE DEPARTMENT FUND.

Receipts:

City taxes, 1907	\$ 359,351.79
Delinquent taxes	703.78
Transfer from general fund	2,483.00
Transfer from fire boat fund	272.42
Rebate on engines (A. G. Long).....	430.00
Damage to cable (N. P. R. R. Co.).....	95.96
	\$ 363,336.95

Disbursements:

Warrants paid and returned.....	\$ 355,611.94
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POLICE DEPARTMENT FUND.

Receipts:

City taxes, 1907	\$ 171,690.26
Delinquent taxes	345.30
Transfer from general fund	3,000.00
	\$ 175,035.56

Disbursements:

Warrants paid and returned	\$ 142,630.09
Transferred to general fund	3,000.00
	\$ 145,630.09

BONDED INDEBTEDNESS INTEREST FUND.

Receipts:

City taxes, 1907	\$ 103,812.73
Delinquent taxes	168.64

Transfer from water fund	15,000.00
Transfer from general fund	9,000.00
Transfer from Sellwood Ferry fund	128.83
Crossing Morrison street bridge (Portland Ry. Co.).....	13,288.08
	<hr/>
	\$ 141,398.28

Disbursements:

Warrants paid and returned	\$ 124.00
Coupons paid and returned	112,920.00

Transferred to N. Y. accounts as follows:

Chemical National Bank	33,550.00
Chase National Bank	3,000.00
N. W. Harris & Co.	8,520.00
Blair & Co.	300.00
	<hr/>
	\$ 158,414.00

NEW YORK ACCOUNTS.

Chemical National Bank of N. Y., transferred to provide for the payment of interest on bonds.....	\$ 33,550.00
Interest coupons returned paid	16,750.00
Chase National Bank of N. Y., transferred to provide for the payment of interest on bonds	3,000.00
Interest coupons returned paid	2,880.00
N. W. Harris & Co., N. Y., transferred to provide for the payment of interest on bonds	8,520.00
Interest coupons returned paid	8,130.00
Blair & Co., N. Y., transferred to provide for the payment of interest on bonds	300.00
Interest coupons returned paid	300.00

LIGHTING FUND.

Receipts:	
City taxes, 1907	\$ 79,855.94
Delinquent taxes	192.89
Transferred from general fund.....	12,000.00
	<hr/>
	\$ 92,048.83

Disbursements:

Warrants paid and returned	\$ 83,052.37
Transferred to general fund	7,000.00
	<hr/>
	\$ 90,052.37

STREET REPAIR FUND.

Receipts:

City taxes, 1907	\$ 47,913.60
Delinquent taxes	72.32
Vehicle licenses	30,712.35
Repair of sidewalks	1,176.37
Transferred from general fund	5,500.00
Transferred from street improvement fund	478.09
	<hr/>
	\$ 85,852.73

Disbursements:

Warrants paid and returned	\$ 82,503.44
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LIBRARY FUND.

Receipts:

City taxes, 1907	\$ 19,964.03
Delinquent taxes	35.37
	<hr/>
	\$ 19,999.40

Disbursements:

Warrants paid and returned	\$ 19,999.40
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PARK FUND.

Receipts:

City taxes, 1907	\$ 47,913.60
Delinquent taxes	48.31
Transfer from general fund	2,500.00
Privilege selling refreshments City Park	253.00
Sale guinea pigs	6.25
	<hr/>
	\$ 50,721.16

Disbursements:

Warrants paid and returned	\$ 41,273.52
Transferred to general fund	2,500.00
	<hr/>
	\$ 43,773.52

PARK CONCERT FUND.

Disbursements:

Transferred to general fund	\$	6.29
Warrants paid and returned		252.20
	\$	258.49

WATER FUND.

Receipts:

For use of water for all purposes	\$	528,031.10
Amount returned on overdrawn warrant .....		.50
	\$	528,031.60

Disbursements:

Transfer to bonded indebtedness interest fund to provide for payment of interest on E. P. water bonds.....	\$	15,000.00
Transfer to water bond interest fund to provide for payment of interest on water bonds		145,000.00
Warrants paid and returned		421,398.25
	\$	581,398.25

WATER BONDS INTEREST FUND.

Receipts:

Transfer from water fund	\$	145,000.00
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Disbursements:

Coupons paid and returned		145,950.00
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WATER BOND SINKING FUND.

Receipts:

Water collections	\$	31,500.00
Interest on water bonds sinking fund investments.....		1,890.00
	\$	33,390.00

Disbursements:

Purchase of improvement bond	\$	63,949.71
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SELLWOOD FERRY FUND.

Disbursements:

Transferred to bonded indebtedness interest fund.....	\$	128.83
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ALBINA FERRY FUND.

Disbursements:

Transferred to general fund	\$	119.85
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IMPROVEMENT FUND.

Receipts:

Bonded liens	\$	15,758.72
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Disbursements:

Bonds redeemed		37,431.92
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IMPROVEMENT BOND SINKING FUND.

Receipts:

Bonded liens	\$	122,798.21
Transferred from street improvement fund.....		213.51
	\$	123,011.72

Disbursements:

Bonds redeemed	\$	190,724.39
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IMPROVEMENT BOND INTEREST FUND.

Receipts:

Interest on bonded liens	\$	29,597.80
Transferred from general fund		8,000.00
	\$	37,597.80

Disbursements:

Improvement bond coupons paid and returned.....	\$	43,418.96
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STREET AND SEWER INTEREST FUND.

Receipts:

Interest on street and sewer assessments.....	\$	1,679.32
Accrued interest on bonds		3,894.98
Transferred from general fund		5,000.00
	\$	10,574.30

Disbursements:

Interest paid by Treasurer on street improvements and sewer warrants	\$ 9,216.92
Warrants paid and returned	198.06
	<u>\$ 9,414.98</u>

FIRE BOAT FUND.

Receipts:

Delinquent taxes	\$ 9.02
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Disbursements:

Transferred to Fire Department fund	\$ 272.42
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POLICE AND FIRE DEPARTMENT RELIEF FUND.

Receipts:

Dues and fines	\$ 3,064.22
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Donations—

M. A. Gunst & Co.....	25.00
Woodard, Clarke & Co.....	25.00
E. Ingham	10.00
E. A. and A. N. King	50.00
J. Tate	10.00
M. V. Olson	25.00
J. Bingham	5.00
Weinhard Estate	100.00
Filling ships' tanks	30.00
Rewards from Hellyer, Day, Tichenor and Jones.....	245.00
	<u>\$ 3,589.22</u>

Disbursements:

Warrants paid and returned	\$ 2,408.82
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REDEMPTION FUND.

Receipts:

Redemption of property	\$ 2,959.89
Transfer from general fund	1,694.52
	<u>\$ 4,654.41</u>

Disbursements:

Warrants paid and returned	\$ 4,711.16
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BILL POSTING BADGE FUND.

Receipts:

Sale of badges	\$ 32.00
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Disbursements:

Badges redeemed	\$ 10.00
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SPECIAL BRIDGE FUND.

Receipts:

City taxes, 1907	\$ 79,855.95
Delinquent taxes	241.46

\$ 80,097.41

Disbursements:

Warrants paid and returned	\$ 78,061.54
Interest paid on warrants	2,092.10

\$ 80,153.64

STREET IMPROVEMENT FUNDS.

Receipts:

Street improvement assessments	\$ 652,424.54
Transfer from general fund	2,883.79

\$ 655,308.33

Disbursements:

Warrants paid and returned	\$ 636,046.67
Transferred to general fund	922.40

\$ 636,969.07

SEWER FUNDS.

Receipts:

Sewer assessments	\$ 195,772.73
Transfer from general fund	37.35

\$ 195,810.08

Disbursements:

Warrants paid and returned	\$ 195,524.42
Transfer to general fund	477.40

\$ 196,001.82

STREET EXTENSION FUNDS.

Receipts:

Assessments for opening streets	\$ 30,977.60
Transferred from general fund	35.85
	<hr/>
	\$ 31,013.45

Disbursements:

Warrants paid and returned	\$ 59,870.91
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STATEMENT OF APPROPRIATIONS AND OF DEMANDS APPROVED, AUDITED AND PAID, EXCEPT FOR STREET IMPROVEMENTS, STREET EXTENSIONS AND SEWERS.

GENERAL FUND.

Engineer's Department—

Appro. Ord. No. 16136	\$ 71,505.00
Appro. Ord. No. 16309	1,450.00
Appro. Ord. No. 16533	4,763.00
Appro. Ord. No. 16791	2,475.00
Appro. Ord. No. 16993	240.00
Appro. Ord. No. 17051	2,000.00
Appro. Ord. No. 17098	50.00
Appro. Ord. No. 17162	500.00
Appro. Ord. No. 17176	1,000.00
	<hr/>
	\$ 83,983.00

Claims audited and warrants drawn:

Salary city engineer	\$ 2,400.00
Salary assistant city engineer	1,800.00
Salary chief deputy	1,550.00
Salary chief draughtsman	1,620.00
Salary assistant draughtsmen	5,173.38
Salary computer	1,200.00
Salary assistant computers	5,657.05
Salary stenographer	900.00
Salary civil engineers	8,971.29
Salary instrumentmen	7,228.81
Salary chainmen	12,489.32
Salary cement tester	700.00
Salary sewer inspector	1,500.00
Salary inspectors brick and stone sewers	2,086.00
Salary street and sewer inspectors	2,295.00
Salary inspectors (irregular)	8,682.50
Salary sewer repairers	7,644.94
Salary teamster	739.00

Purchase of transits	966.61
Cement testing machine	100.00
Repairs to tape	29.00
Horse feed, shoeing, bedding, etc.....	768.47
Material sewer repairs	4,410.75
Total warrants drawn	\$ 78,912.12
Balance of appropriation cancelled.....	5,070.88
	\$ 83,983.00

Street Cleaning and Sprinkling Department—

Appro. Ord. No. 16136	\$ 110,000.00
Appro. Ord. No. 16529	500.00
	\$ 110,500.00

Claims audited and warrants drawn:

Salaries entire department	\$ 60,496.30
Feed	7,036.41
Veterinary surgeon, salary	100.00
Team hire	11,031.25
East Side barn	10,211.00
Horses, new equipment	3,875.00
Sprinklers, equipment	2,358.20
Electric sprinklers	3,856.10
Power brooms, equipment	837.04
Rattan	1,286.88
Shoeing horses	1,218.05
Harness	506.51
Oil wagon	600.00
Miscellaneous	2,345.33
Rent of property adjoining city barn.....	260.00
Blacksmithing	526.44
Hose	156.40
Lumber	446.24
Total warrants drawn	\$ 107,147.15
Balance of appropriation cancelled	3,352.85
	\$ 110,500.00

Health Department—

Appro. Ord. No. 16136	\$ 23,600.00
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Appro. Ord. No. 16486	640.00
Appro. Ord. No. 16531	510.00
Appro. Ord. No. 16795	1,000.00
Appro. Ord. No. 16797	1,477.50
Appro. Ord. No. 16890	750.00
Appro. Ord. No. 16922	1,000.00
Appro. Ord. No. 16992	250.00
Appro. Ord. No. 17052	28.00
Appro. Ord. No. 17125	400.00
Appro. Ord. No. 17128	170.00
Appro. Ord. No. 17129	120.00
Appro. Ord. No. 17164	2,500.00
	\$ 32,445.50

Claims audited and warrants drawn:

Salary health officer	\$ 3,000.00
Salary deputy health officers	2,407.20
Salary meat and market inspector	1,020.00
Salary city physician	975.00
Salary clerk	840.00
Salary matron	820.00
Rat killer	127.57
Bacteriologist	112.50
Cleaning water front	346.70
Dead rats	40.60
Repairs pest house	30.00
Provisions, fuel, etc.....	3,701.41

Crematory—

Salary superintendent	\$ 1,320.00
Salary foreman	1,020.00
Salary laborers	7,025.89
Salary teamster	295.00
Fuel	3,614.50
Horses	500.00
Harness	78.00
Repairs, truck	46.25
Repairs, miscellaneous, etc.	1,394.81
Feed	137.47
Stable	156.93

Total warrants drawn	\$ 29,009.83
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Amount carried forward	2,500.00
Balance of appropriation cancelled	935.67
	\$ 32,445.50

Auditor's Department—

Appro. Ord. No. 16136	\$ 25,220.00
Appro. Ord. No. 16793	900.00
Appro. Ord. No. 16991	150.00
Appro. Ord. No. 17049	140.00
	\$ 26,410.00

Claims audited and warrants drawn:

Salary Auditor	\$ 3,000.00
Salaries deputies and clerks	20,630.65
Salaries stenographic clerks	2,391.63
	\$ 26,022.28
Total warrants drawn	\$ 26,022.28
Balance of appropriation cancelled	387.72
	\$ 26,410.00

City Attorney's Department—

Appro. Ord. No. 16136	\$ 6,600.00
Appro. Ord. No. 16629	900.00
	\$ 7,500.00

Claims audited and warrants drawn:

Salary City Attorney	\$ 2,400.00
Salary deputies	4,200.00
Salary stenographic clerk	900.00
	\$ 7,500.00
Total warrants drawn	\$ 7,500.00

Building Inspector's Department—

Appro. Ord. No. 16136	\$ 5,175.00
Appro. Ord. No. 16496	1,200.00
Appro. Ord. No. 16737	355.00
	\$ 6,730.00

Claims audited and warrants drawn:

Salary building inspector	\$ 2,100.00
Salary deputy building inspectors	2,625.00
Salary computer	1,082.40
Salary stenographic clerk	390.00
Car fare	180.00
	\$ 6,377.40
Total warrants drawn	\$ 6,377.40
Balance of appropriation cancelled	352.60
	\$ 6,730.00

City Hall—

Appro. Ord. No. 16136	\$ 10,680.00
	\$ 10,680.00

Claims audited and warrants drawn:

Salary janitors and elevator man	\$ 6,470.65
Salary engineer	1,200.00
Additional labor	131.15
Fuel, repairs and supplies	2,232.59
Repairs roof	150.00
	\$ 10,184.39
Total warrants drawn	\$ 10,184.39
Balance of appropriation cancelled	495.61
	\$ 10,680.00

Civil Service Commission—

Appro. Ord. No. 16136	\$ 1,200.00
Appro. Ord. No. 16624	390.00
Appro. Ord. No. 17162	54.17
	\$ 1,644.17

Claims audited and warrants drawn:

Salary secretary	\$ 1,200.00
Salary stenographer	444.17
	\$ 1,644.17
Total warrants drawn	\$ 1,644.17

Mayor's Department—

Appro. Ord. No. 16136	\$ 6,300.00
	<u>\$ 6,300.00</u>

Claims audited and warrants drawn:

Salary mayor	\$ 4,800.00
Salary secretary	900.00
Secret service	600.00

Total warrants drawn	\$ 6,300.00
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Municipal Court Department—

Appro. Ord. No. 16136	\$ 3,960.00
	<u>\$ 3,960.00</u>

Claims audited and warrants drawn:

Salary municipal judge	\$ 1,800.00
Salary municipal clerk	1,200.00

Total warrant drawn	\$ 3,000.00
Balance of appropriation cancelled	960.00
	<u>\$ 3,960.00</u>

Harbor Master's Department—

Appro. Ord. No. 16136	\$ 1,200.00
Appro. Ord. No. 16496	566.67
Appro. Ord. No. 16528	800.00
Appro. Ord. No. 16927	300.00
	<u>\$ 2,866.67</u>

Claims audited and warrants drawn:

Salary harbor master	\$ 1,766.67
Purchase of launch	925.00
Maintenance of launch	73.25

Total warrants drawn	\$ 2,764.92
Balance of appropriation cancelled	101.75
	<u>\$ 2,866.67</u>

Plumbing Inspector's Department—

Appro. Ord. No. 16136	\$ 6,530.00
	<u>\$ 6,530.00</u>

Claims audited and warrants drawn:

Salary plumbing inspector	\$ 1,800.00
Salary deputy plumbing inspectors	3,370.96
Car fare	222.00

Total warrants drawn	\$ 5,392.96
Balance of appropriation cancelled	1,137.04
	<u>\$ 6,530.00</u>

Pound Department—

Appro. Ord. No. 16,136	\$ 5,030.00
Appro. Ord. No. 17,162	150.00
	<u>\$ 5,180.00</u>

Claims audited and warrants drawn:

Salary Pound Master	\$ 1,080.00
Salary deputies, Pound Master	2,261.45
Additional help	197.50
Feed	734.53
Feed for dogs	62.01
Rent East Side pound	139.85
Miscellaneous	164.83

Total warrants drawn	\$ 4,640.17
Balance of appropriation cancelled	539.83
	<u>\$ 5,180.00</u>

City Treasurer's Department—

Appro. Ord. No. 16,136	\$ 6,600.00
	<u>\$ 6,600.00</u>

Claims audited and warrants drawn:

Salary City Treasurer	\$ 2,400.00
Salary deputies	3,300.00

Salary stenographer	900.00
Total warrants drawn	\$ 6,600.00
Salary Council—	
Appro. Ord. No. 16,136.....	\$ 4,500.00
Claims audited and warrants drawn:	
Salary Councilmen	\$ 4,475.00
Balance of appropriation cancelled	25.00
	\$ 4,500.00
Miscellaneous Expense, Council—	
Appro. Ord. No. 16,136.....	\$ 1,000.00
Warrants drawn	\$ 275.00
Balance of appropriation carried forward.....	725.00
	\$ 1,000.00
Advertising—	
Appro. Ord. No. 16,136.....	\$ 10,000.00
Appro. Ord. No. 17,176.....	1,000.00
	\$ 11,000.00
Claims audited and warrants drawn:	
Advertising	\$ 9,431.44
Total warrants drawn	\$ 9,431.44
Balance of appropriation cancelled.....	\$ 1,568.50
	\$ 11,000.00
Pay of Viewers—	
Appro. Ord. No. 16,136.....	\$ 2,000.00
Appro. Ord. No. 16,992.....	1,000.00
Appro. Ord. No. 17,125.....	1,000.00
	\$ 4,000.00

Claims audited and warrants drawn:	
Pay of viewers	\$ 3,819.50
Total warrants drawn	3,819.50
Balance of appropriation cancelled.....	180.50
	\$ 4,000.00
Litigation—	
Appro. Ord. No. 16,136.....	\$ 1,000.00
	\$ 1,000.00
Claims audited and warrants drawn:	
Litigation	\$ 433.90
Total warrants drawn	433.90
Balance of appropriation cancelled.....	566.10
	\$ 1,000.00
Free Museum—	
Appro. Ord. No. 16,136.....	\$ 3,500.00
	\$ 3,500.00
Claims audited and warrants drawn:	
For Museum	\$ 1,623.58
Total warrants drawn.....	\$ 1,623.58
Balance of appropriation cancelled.....	1,876.42
	\$ 3,500.00
Furniture City Hall—	
Appro. Ord. No. 16,316.....	\$ 1,500.00
Appro. Ord. No. 16,187.....	157.90
	\$ 1,657.90
Claims audited and warrants drawn:	
Office furniture	\$ 1,405.70
Total warrants drawn.....	\$ 1,405.70

Balance of appropriation cancelled.....	252.20
	<u>\$ 1,657.90</u>
Repairing Electric Wires, City Hall—	
Appro. Ord. No. 16,136.....	\$ 800.00
	<u>\$ 800.00</u>
Claims audited and warrants drawn:	
Repair of electric wires, City Hall.....	\$ 798.00
Total warrants drawn.....	\$ 798.00
Balance of appropriation cancelled.....	2.00
	<u>\$ 800.00</u>
Painting, L. L. Hawkins—	
Appro. Ord. No. 16,136.....	\$ 500.00
	<u>\$ 500.00</u>
Claims audited and warrants drawn:	
Painting, L. L. Hawkins.....	\$ 500.00
Total warrants drawn.....	\$ 500.00
Sewer Repair Department—	
Appro. Ord. No. 16,198.....	\$ 50.81
	<u>\$ 50.81</u>
Claims audited and warrants drawn:	
A. P. DeLin, Sewer Repairer.....	\$ 50.81
Total warrants drawn.....	\$ 50.81
Elections—	
Appro. Ord. No. 16,136.....	\$ 17,500.00
	<u>\$ 17,500.00</u>

Claims audited and warrants drawn:	
Expense of elections.....	\$ 12,042.49
Total warrants drawn.....	\$ 12,042.49
Balance of appropriation cancelled.....	5,457.51
	<u>\$ 17,500.00</u>
Expenses Chief Engineer Fire Department—	
Appro. Ord. No. 16,895.....	\$ 500.00
	<u>\$ 500.00</u>
Claims audited and warrants drawn:	
Expenses Chief Engineer Fire Department.....	\$ 381.00
Total warrants drawn.....	\$ 381.00
Balance of appropriation cancelled.....	119.00
	<u>\$ 500.00</u>
Insurance—	
Appro. Ord. No. 16,136.....	\$ 1,500.00
	<u>\$ 1,500.00</u>
Claims audited and warrants drawn:	
Insurance	\$ 1,177.15
Total warrants drawn.....	\$ 1,177.15
Balance of appropriation cancelled.....	322.85
	<u>\$ 1,500.00</u>
Improvement of Streets in Front of Public Property—	
Appro. Ord. No. 16,136.....	\$ 15,000.00
	<u>\$ 15,000.00</u>
Claims audited and warrants drawn:	
Improvement of streets in front of public property.....	\$ 10,754.97
Total warrants drawn.....	\$ 10,754.97
Balance of appropriation cancelled.....	4,245.03
	<u>\$ 15,000.00</u>

License Tags—

Appro. Ord. No. 16,136.....	\$	600.00
	\$	600.00

Claims audited and warrants drawn:

License tags	\$	547.00
Total warrants drawn.....	\$	547.00
Balance of appropriation cancelled.....	\$	53.00
	\$	600.00

Repayment of License Tax—

Appro. Ord. No. 16,527.....	\$	1,128.00
	\$	1,128.00

Claims audited and warrants drawn:

Repayment of license tax.....	\$	1,116.00
Total warrants drawn.....	\$	1,116.00
Balance of appropriation cancelled.....		12.00
	\$	1,128.00

Conducting Investigations—

Appro. Ord. No. 16,136.....	\$	2,500.00
	\$	2,500.00

Claims audited and warrants drawn:

Conducting investigations	\$	1,858.60
Total warrants drawn.....	\$	1,858.60
Balance of appropriations cancelled.....		641.40
	\$	2,500.00

Examination Master Plumbers—

Appro. Ord. No. 16,136.....	\$	250.00
	\$	250.00

Claims audited and warrants drawn:

Examination Master Plumbers.....	\$	171.00
Total warrants drawn.....	\$	171.00
Balance of appropriation cancelled.....		79.00
	\$	250.00

Miscellaneous Expense—

Appro. Ord. No. 16,136.....	\$	3,600.00
	\$	3,600.00

Claims audited and warrants drawn:

Miscellaneous expenses	\$	3,139.93
Total warrants drawn.....	\$	3,139.93
Balance of appropriation cancelled.....		460.07
	\$	3,600.00

Relief Certain Persons—

Appro. Ord. No. 16,136.....	\$	2,500.00
	\$	2,500.00

Claims audited and warrants drawn:

Relief certain persons.....	\$	1,428.68
Total warrants drawn.....	\$	1,428.68
Balance of appropriation cancelled.....		1,071.32
	\$	2,500.00

Stationery and Blanks—

Appro. Ord. No. 16,136.....	\$	8,500.00
	\$	8,500.00

Claims audited and warrants drawn:

Stationery—		
Auditor's Department	\$	3,273.10
Mayor's Message		1,013.55
City Attorney		240.05
Mayor's Department		43.55

City Treasurer	553.75
Plumbing Inspector	89.25
Harbor Master	50.75
City Engineer's Department	1,978.47
Building Inspector	264.50
Municipal Department	114.25
Pound Department	15.00
Health Department	382.75
Civil Service Commission	455.50
Street Cleaning Department	22.40
Total warrants drawn.....	\$ 8,496.87
Balance of appropriation cancelled.....	3.13
	\$ 8,500.00
	\$ 359,422.01

During the year General Fund warrants amounting to \$668.00 were cancelled.

Appropriations were made, no part of which has been expended, and the balances carried forward as follows:

Payment of certificates and warrants acct. of Main street, Ordinance No. 17,112	\$ 1,121.72
Expense new roof Forestry Building, Ordinance No. 17,125	3,000.00
General expense Free Employment Bureau, Ordinance No. 16,914	500.00
General expense Health Department, Ordinance No. 17,164	2,500.00
General expense Suhway Committee, Ordinance No. 16,995	5,000.00
Modernizing City Treasurer's Vaults Ordinance No. 17,175	8,000.00
Installation of fountains, Ordinance No. 17,174	600.00
Repair of pontoon foot of Stark street, Ordinance No. 16,748	200.00
	\$ 20,921.72

Fire Department Fund—

Appro. Ord. No. 16,126.....	\$ 374,030.00
Appro. Ord. No. 16,482.....	300.00
Appro. Ord. No. 16,430.....	1,500.00
Appro. Ord. No. 16,530.....	1,200.00
Appro. Ord. No. 16,747.....	823.23
Appro. Ord. No. 16,573.....	2,273.40
Appro. Ord. No. 16,821.....	250.00
Appro. Ord. No. 16,888.....	6,875.81
Appro. Ord. No. 16,999.....	20,489.00
Appro. Ord. No. 17,190.....	1,050.00
	\$ 408,789.44

Claims audited and warrants drawn:

Salaries employees	\$ 209,475.00
Salaries injured employees.....	1,106.63
Rent	540.00
House repairs, fixtures and furniture.....	3,100.13
Allowance Volunteer Hose Co.'s.....	390.00
Horseshoeing	2,405.20
Harness	686.43
Veterinary surgeon	300.00
Scavenger service	1,068.00
Feed	12,005.05
Fuel	7,854.93
Lighting (lanterns, apparatus)	438.80
Stores	3,480.14
Apparatus repairs	9,336.17
Hose	1,950.05
Printing, advertising and office expenses.....	1,113.60
Expenses fire alarm telegraph.....	3,197.30
Fire alarm extension	32,384.99
Police and fire relief	2,139.12
	\$ 292,971.54

Engine Company, No. 11—

Horses	\$ 900.00
Furniture	306.89
Harness	33.00
Repairs to house	84.27
Stores	216.68

Hardware	56.85
	\$ 1,597.69
Chemical No. 4—	
Plumbing	\$ 230.00
Lumber	105.66
Harness	12.00
Furniture	68.91
Miscellaneous	65.70
	\$ 482.27
Hose No. 4—	
Horses	\$ 650.00
Lumber	427.16
Furniture and bedding	133.80
House repairs	214.95
	1,425.91
Truck No. 5—	
Horses	\$ 875.00
Bedding	178.40
	\$ 1,053.40
Engine No. 12—	
Horses	\$ 1,250.00
Furniture	324.61
Harness	33.00
Repairs to house	58.95
Stores	265.08
	\$ 1,931.64
Engine No. 13—	
Building	\$ 7,200.00
Horses	1,550.00
Wagon	1,100.00
Hose	1,647.00
Furniture	362.48
Repairs to building	159.28
Stores	452.14
	\$ 12,470.90

Engine No. 14—	
Engine	\$ 5,800.00
Wagon	1,950.00
Hose	1,584.50
Horses	1,350.00
Plumbing	242.50
Lumber	515.01
Furniture	258.76
Harness	90.00
Repairs to house	188.66
Stores	343.95
	\$ 12,323.38
Portland Heights Engine Co.—	
Ground	\$ 2,300.00
House	7,897.00
Horses	950.00
Furniture and fixtures	105.20
	\$ 11,252.20
Hose Company No. 6—	
Hose Wagon	\$ 1,100.00
Horses	1,200.00
	\$ 2,300.00
Engine No. 7—	
Engine	\$ 5,800.00
	\$ 5,800.00
Total warrants drawn	
	\$ 343,608.93
Balance of appropriation cancelled	
	65,180.51
	\$ 408,789.44
During the year Fire Department fund warrants amounting to \$214.63 were cancelled.	
Police Department Fund—	
Appro. Ord. No. 16127	\$ 172,700.00
Appro. Ord. No. 16143	2,200.00
Appro. Ord. No. 16745	80.00

Appro. Ord. No. 16799.....	165.00
Appro. Ord. No. 16996.....	2,250.00
	\$ 177,395.00

Claims audited and warrants drawn:

Salaries	\$ 133,916.88
Meals for prisoners	4,405.52
Photographing of criminals	95.00
Telegraphing	216.89
Telephoning	172.85
Repair patrol wagon	133.85
Purchase of horses	540.00
Police stables	3,893.14
Plumbing	50.45
Hardware	56.40
Stationery and office supplies	774.22
Fuel and other expenses city jail	2,005.73
Incidentals	132.72
Police patrol system	40.75
Police and Fire relief fund	922.70
	\$ 147,357.10
Total warrants drawn	30,037.90
Balance of appropriation cancelled.....	
	\$ 177,395.00

During the year Police Department fund warrants amounting to \$40.60 were cancelled.

Bonded Indebtedness Interest Fund—

Appro. Ord. No. 16131.....	\$ 134.50
	\$ 134.50

Claims audited and warrants drawn:

Cost of commission	\$ 124.00
Balance of appropriation carried forward.....	10.50
	\$ 134.50

Coupons paid—

Interest coupons paid in Portland	\$ 112,920.00
Interest coupons paid in New York as follows:	
Chemical National Bank	\$ 16,750.00

Chase National Bank	2,880.00
N. W. Harris & Co.	8,130.00
Blair & Co.	300.00
	\$ 140,980.00

Lighting Fund—

Appro. Ord. No. 16125.....	\$ 83,000.00
Appro. Ord. No. 16315.....	5,000.00
	\$ 88,000.00

Claims audited and warrants drawn:

Lighting streets	\$ 76,302.20
	\$ 76,302.20
Total warrants drawn	7,493.25
Amount of appropriation carried forward	4,204.55
Balance of appropriation cancelled	
	\$ 88,000.00

Street Repair Fund—

Appro. Ord. No. 16128.....	\$ 75,000.00
Appro. Ord. No. 17161.....	10,000.00
	85,000.00

Claims audited and warrants drawn:

Salaries all employes	\$ 43,122.72
Team hire	3,177.50
Material, crosswalks, sidewalks and gutters	18,073.55
Fuel, oil, waste, repairs, road-rollers.....	5,148.35
Repair and construction of sidewalks.....	10,305.81
Vehicle license refunded	10.00
Rent	75.00
Maintenance hard surface pavement.....	4,578.54
	\$ 84,491.47
Total warrants drawn	508.53
Balance of appropriation cancelled.....	
	\$ 85,000.00

Total warrants drawn	\$ 84,491.47
Balance of appropriation cancelled.....	508.53
	\$ 85,000.00

Public Library Fund—

Appro. Ord. No. 16129.....	\$ 20,800.00
	\$ 20,800.00

Total warrants drawn	\$ 19,999.40
Balance of appropriation carried forward.....	800.60
	<u>\$ 20,800.00</u>

Park Fund—

Appro. Ord. No. 16130.....	\$ 48,000.00
Balance appro. carried forward from 1906.....	1,330.36
	<u>\$ 49,330.36</u>

Claims audited and warrants drawn:

Salaries	\$ 25,568.69
Miscellaneous	9,168.33
Feed	2,470.28
Band concerts	4,000.00
Surveys for parks and boulevards	923.76

Total warrants drawn	\$ 42,131.06
Amount appropriation cancelled	3,123.06
Balance appropriation carried forward	4,076.24
	<u>\$ 49,330.36</u>

Park Concert Fund—

Balance brought forward	\$ 138.00
Appro. Ord. No. 16133.....	6,000.00
	<u>6,138.00</u>

Claims audited and warrants drawn:

Park concert	\$ 252.20
	<u>\$ 252.20</u>
Total warrants drawn	\$ 252.20
Balance of appropriation cancelled	5,885.80
	<u>\$ 6,138.00</u>

Water Fund—

Appro. Ord. No. 16132.....	\$ 383,500.00
Appro. Ord. No. 17177.....	33,000.00
Appro. brought forward from 1906.....	69,102.15
	<u>\$ 485,602.15</u>

Claims audited and warrants drawn:

Albina pump	\$ 1,932.87
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Palatine pump	2,558.73
Extending mains	251,056.81
Inspection	15,903.65
High service pump	1,151.12
Loose property	1,065.32
Meters	43,329.51
Construction reservoirs	16,640.08
Operation reservoirs	16,288.96
Office expenses	15,998.06
Pipe line	7,467.88
Repairing mains	19,476.83
Books and stationery	2,043.93
Purchase of water works	49,111.21

Total warrants drawn	\$ 444,014.96
Balance of appropriation cancelled.....	41,587.19
	<u>\$ 485,602.15</u>

Warrant No. 9408 was drawn for \$29.75 and should have been \$29.25. Difference of 50 cents was returned under date of June 25, 1907.

Water Bond Interest Fund—

Coupons paid and returned	\$ 145,950.00
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Water Bond Sinking Fund—

Balance brought forward, 1906.....	\$ 29,625.75
Appro. Ord. No. 17193.....	34,335.00
	<u>\$ 63,960.75</u>

Claims audited and warrants drawn:

Water bond sinking fund	\$ 63,949.71
Balance of appropriation carried forward.....	11.04
	<u>\$ 63,960.75</u>

Police and Fire Relief Fund—

Appropriation brought forward	\$ 718.14
Appro. Ord. No. 16135.....	2,500.00
	<u>\$ 3,218.14</u>

Claims audited and warrants drawn:	
Relief of members	\$ 2,257.38
Total warrants drawn	\$ 2,257.38
Balance of appropriation carried forward.....	960.76
	<u>\$ 3,218.14</u>
Redemption Fund—	
Appropriation brought forward	\$ 781.02
Appro. Ord. No. 16134.....	3,000.00
Appro. Ord. No. 16312.....	2,000.00
	<u>\$ 5,781.02</u>
Claims audited and warrants drawn:	
Warrants for payment of redemption.....	\$ 4,654.41
Total warrants drawn	\$ 4,654.41
Balance of appropriation carried forward.....	1,126.61
	<u>\$ 5,781.02</u>
Special Bridge Fund—	
Balance brought forward, 1906	\$ 79,182.72
Claims audited and warrants drawn.....	\$ 65,396.18
Balance of appropriation carried forward.....	13,786.54
	<u>\$ 79,182.72</u>

SUMMARY.

General fund	\$ 359,422.01
Fire Department fund	343,608.93
Police Department fund	147,357.10
Bonded indebtedness interest fund	141,228.00
Light fund	76,302.20
Street repair fund	84,491.47
Library fund	19,999.40
Park fund	42,131.06
Park concert fund	252.20
Water fund	444,014.96
Water bond interest fund	145,950.00
Water bond sinking fund	63,949.71
Police and Fire Department relief fund.....	2,257.38
Redemption fund	4,654.41
Special bridge fund	65,396.18
	<u>\$1,941,015.01</u>

DETAILED STATEMENT OF LICENSES PAID DURING 1907.

Occupations	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total for Year
Abstractors	\$ 22 50	\$ 15 00	\$ 15 00	\$ 22 50	\$ 75 00
Assayers	15 00	15 00	5 00		35 00
Attorneys	520 00	125 00	152 50	22 50	820 00
Auctioneers	240 00	360 00	200 00	1,180 00	1,980 00
Baggage Solicitors	11 65	20 00	15 00	16 65	63 30
Bankers	510 00	460 00	605 00	617 50	2,192 50
Barbers	174 00	94 50	48 00	4 50	321 00
Baths and Massage	77 50	75 00	55 00	65 00	272 50
Billiards	130 00	138 30	130 00	100 00	498 30
Bill Posters and Distributors	523 35	53 30	66 60	463 35	1,106 60
Boarding Stables	34 00	11 25	21 75		67 00
Bowling Alleys	30 00	10 00	36 65	15 00	91 65
Brokers, Merchandise	370 00	140 00	293 35	220 00	1,023 35
Brokers, Money	165 00	100 00	145 00	125 00	535 00
Brokers, Stock	100 00	50 00	50 00	50 00	250 00
Chiroprodists	25 00	20 00	30 00	30 00	105 00
Clairvoyants, Palmists, Fortune Tellers, etc	190 00	210 00	170 00	195 00	765 00
Coal Oil, Storage of	29 00	26 00	38 00	29 00	122 00
Detective Agencies	40 00	36 65	40 00	36 65	153 30
Employment Agencies, Female	30 00	15 00	45 00	15 00	105 00

DETAILED STATEMENT OF LICENSES PAID DURING 1907.—Con.

Occupations	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total for Year
Employment Agencies, General	840 00	120 00	990 00	60 00	2,010 00
Express, Railroad, Telegraph, Telephone and Messenger Companies	566 20	551 70	749 60	1,068 00	2,935 50
Hacks, Drivers and Chaffeurs	14 00		3 00		17 00
Hawkers and Peddlers	5 00	338 15	198 30	384 00	925 45
Hotel Runners	183 30	190 00	216 65	210 00	799 95
Insurance Agents	1,350 00	1,210 00	1,450 00	1,295 00	5,305 00
Laundries, First-class	180 00	135 00	195 00	182 50	692 50
Laundries, Second-class	315 00	285 00	337 50	285 00	1,222 50
Liquor Dealers (Grocers, Druggists and Res- taurants)	1,516 66	1,516 65	1,875 00	1,925 00	6,833 31
Liquor Dealers (Rectifiers, Retailers and Whole- salers)	54,724 80	89,200 00	89,750 00	89,733 35	323,408 15
Mercantile Agencies	62 50	37 50	75 00	75 00	250 00
Merchants and Manufacturers	9,423 18	4,031 90	3,146 09	693 25	17,294 42
Pawnbrokers	750 00	975 00	675 00	1,050 00	3,450 00
Physicians and Dentists	786 50	173 50	239 00	70 00	1,269 00
Plumbers	782 00	72 00	60 00	60 00	974 00
Powder Dealers, Blasting and Gunpowder	30 00	30 00	35 00	25 00	120 00
Restaurants	341 25	159 00	83 50	46 75	630 50
Second-Hand Dealers	470 00	465 00	445 00	390 00	1,770 00
Shooting Galleries	175 00	100 00	50 00	141 65	466 65
Shows and Exhibitions	176 65	415 00	668 30	151 70	1,411 65
Steamboat Runners		20 00	20 00		40 00

DETAILED STATEMENT OF LICENSES PAID DURING 1907.—Con.

Occupations	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total for Year
Storage	50 00	60 00	90 00	80 00	280 00
Theatres	366 65	533 35	316 65	400 00	1,616 65
Vehicles, all kinds	6,433 40	7,586 30	8,166 55	8,526 10	30,712 35
Wharfingers	510 00	390 00	370 00	360 00	1,630 00
Miscellaneous	475 25	677 35	242 50	280 40	1,675 50
Totals	\$83,764 34	\$111,247 40	\$112,609 49	\$110,700 35	\$418,321 58

DETAILED STATEMENT BONDED INDEBTEDNESS, DECEMBER 31, 1907.

General.					
Amount.	Date.	Time.	Interest.	Object.	
\$ 56,500.00	May 1, 1903	25 years	4 per cent.	To redeem outstanding bonds.	
430,000.00	Dec. 1, 1898	30 years	5 per cent.	Funding floating debt.	
Water Bonds.					
Amount.	Date.	Time.	Interest.	Object.	
\$ 700,000.00	Jan. 1, 1887	30 years	5 per cent.	Purchase of water works.	
2,200,000.00	July 1, 1893	30 years	5 per cent.	Construction Bull Run system.	
City Hall Bonds.					
Amount.	Date.	Time.	Interest.	Object.	
\$ 175,000.00	Jan. 1, 1890	30 years	5 per cent.	Purchase of site.	
500,000.00	July 1, 1892	30 years	5 per cent.	Construction of City Hall.	
Bridge Bonds.					
Amount.	Date.	Time.	Interest.	Object.	
\$ 500,000.00	Jan. 1, 1892	30 years	5 per cent.	Purchase and construction of free bridges.	
200,000.00	April 1, 1895	30 years	5 per cent.	Purchase of bridge.	
400,000.00	Jan. 1, 1904	30 years	4 per cent.	Construction of Morrison Street bridge.	

DETAILED STATEMENT BONDED INDEBTEDNESS—Con.

Ferry Bonds.

Amount.	Date.	Time.	Interest.	Object.
\$ 50,000.00	April 1, 1893	30 years	5 per cent.	Construction of ferry.
15,000.00	Dec. 1, 1903	30 years	5 per cent.	Construction of ferry, 1904.
50,000.00	Jan. 1, 1904	30 years	4 per cent.	Construction of ferry, 1904.

Former City of East Portland.

Amount.	Date.	Time.	Interest.	Object.
\$ 250,000.00	May 1, 1891	30 years	6 per cent.	Water system.
50,000.00	May 1, 1891	30 years	6 per cent.	Electric light plant.

Former City of Albina.

Amount.	Date.	Time.	Interest.	Object.
\$ 10,000.00	Aug. 1, 1890	20 years	6 per cent.	Municipal expenses.
40,000.00	June 1, 1891	30 years	6 per cent.	Municipal expenses.
50,000.00	June 1, 1891	30 years	6 per cent.	Boulevards and roadways.
50,000.00	June 1, 1891	30 years	6 per cent.	Purchase and improvement of parks.

IMPROVEMENT BONDS.

Amount.	Date.	Time.	Interest.	Object.
\$ 28,118.49	July 1, 1895	10 years	6 per cent.	Construction of sewers.
721.23	Sept. 2, 1895	10 years	6 per cent.	Improvement of streets and construction of sewers.
3,130.19	Dec. 1, 1895	10 years	6 per cent.	Improvement of streets and construction of sewers.
3,063.22	Feb. 1, 1896	10 years	6 per cent.	Improvement of streets and construction of sewers.
3,204.26	April 1, 1896	10 years	6 per cent.	Improvement of streets and construction of sewers.

DETAILED STATEMENT BONDED INDEBTEDNESS—Con.

1,116.75	May 1, 1896	10 years	6 per cent.	Improvement of streets and construction of sewers.
1,080.52	July 1, 1896	10 years	6 per cent.	Improvement of streets and construction of sewers.
24,297.76	Sept. 1, 1896	10 years	6 per cent.	Improvement of streets and construction of sewers.
25,748.53	Nov. 1, 1896	10 years	6 per cent.	Improvement of streets and construction of sewers.
1,280.92	Jan. 1, 1897	10 years	6 per cent.	Improvement of streets and construction of sewers.
14,246.47	April 1, 1897	10 years	6 per cent.	Improvement of streets and construction of sewers.
6,280.80	June 1, 1897	10 years	6 per cent.	Improvement of streets.
6,454.82	Aug. 2, 1897	10 years	6 per cent.	Improvement of streets.
7,203.74	Oct. 1, 1897	10 years	6 per cent.	Improvement of streets and construction of sewers.
1,965.17	Dec. 1, 1897	10 years	6 per cent.	Improvement of streets and construction of sewers.
13,091.91	Feb. 1, 1898	10 years	6 per cent.	Improvement of streets and construction of sewers.
11,109.11	April 1, 1898	10 years	6 per cent.	Improvement of streets and construction of sewers.
7,048.61	June 1, 1898	10 years	6 per cent.	Improvement of streets and construction of sewers.
3,504.45	Sept. 1, 1898	10 years	6 per cent.	Improvement of streets and construction of sewers.
4,079.03	Dec. 1, 1898	10 years	6 per cent.	Improvement of streets and construction of sewers.
6,417.08	Feb. 1, 1899	10 years	6 per cent.	Improvement of streets and construction of sewers.
13,193.30	Jan. 1, 1900	10 years	6 per cent.	Improvement of streets and construction of sewers.
4,896.61	June 1, 1900	10 years	6 per cent.	Improvement of streets and construction of sewers.
19,244.68	Oct. 1, 1900	10 years	6 per cent.	Improvement of streets and construction of sewers.
6,745.41	Nov. 1, 1900	10 years	6 per cent.	Improvement of streets.
19,161.09	Jan. 1, 1901	10 years	6 per cent.	Improvement of streets and construction of sewers.
16,296.08	Feb. 1, 1901	10 years	6 per cent.	Improvement of streets and construction of sewers.
25,000.00	April 1, 1901	10 years	6 per cent.	Improvement of streets and construction of sewers.
24,426.58	May 1, 1901	10 years	6 per cent.	Improvement of streets and construction of sewers.
28,901.04	Aug. 1, 1901	10 years	6 per cent.	Improvement of streets and construction of sewers.
37,755.73	Feb. 1, 1902	10 years	6 per cent.	Improvement of streets and construction of sewers.

DETAILED STATEMENT BONDED INDEBTEDNESS—Con.

11,830.49	July 1, 1902	10 years	6 per cent.	Improvement of streets and construction of sewers.
31,199.52	Oct. 1, 1902	10 years	6 per cent.	Improvement of streets and construction of sewers.
32,991.80	Feb. 1, 1903	10 years	6 per cent.	Improvement of streets and construction of sewers.
75,000.00	July 1, 1903	10 years	6 per cent.	Improvement of streets and construction of sewers.
52,000.00	Sept. 1, 1903	10 years	6 per cent.	Improvement of streets and construction of sewers.
54,661.06	Nov. 1, 1903	10 years	6 per cent.	Improvement of streets and construction of sewers.
57,396.53	Jan. 1, 1904	10 years	6 per cent.	Improvement of streets and construction of sewers.
34,540.21	April 1, 1904	10 years	6 per cent.	Improvement of streets and construction of sewers.
43,126.59	Aug. 1, 1904	10 years	6 per cent.	Improvement of streets and construction of sewers.
94,911.19	Nov. 1, 1904	10 years	6 per cent.	Improvement of streets and construction of sewers.
57,702.76	Feb. 1, 1905	10 years	6 per cent.	Improvement of streets and construction of sewers.
34,851.16	May 1, 1905	10 years	6 per cent.	Improvement of streets and construction of sewers.
81,169.44	Oct. 1, 1905	10 years	6 per cent.	Improvement of streets and construction of sewers.
40,884.98	Feb. 1, 1906	10 years	6 per cent.	Improvement of streets and construction of sewers.
37,058.89	July 1, 1906	10 years	6 per cent.	Improvement of streets and construction of sewers.
99,305.98	Jan. 1, 1907	10 years	6 per cent.	Improvement of streets and construction of sewers.
183,677.95	June 1, 1907	10 years	6 per cent.	Improvement of streets and construction of sewers.
145,351.53	Oct. 1, 1907	10 years	6 per cent.	Improvement of streets and construction of sewers.

\$1,536,533.66

686,832.42 redeemed to December 31, 1907.

\$ 849,701.24 Balance outstanding December 31, 1907.

STREET IMPROVEMENT FUNDS.

	Balance Dec. 31, 1907	War. Out'g Dec. 31, 1907
Taylor street, 10th to 14th.....	\$ 1.41	\$ 160.26
North 18th street, M to Sherlock's Add.....		86.44
Chapman street, Jefferson to Taylor.....	35.05	1,052.91
South Front street, Gaines to First Ave....	18.55	88.14
South 2d street, Sheridan to Gibbs.....	63.15	251.52
Hood street, Marquam Gulch to Grover....	353.00	345.50
Williams avenue, Grant to Going.....		2,500.00
M. street, 4th to 12th.....	43.16	68.37
Clinton street, 12th to 21st.....	62.73	532.28
Fifth street, C. to I.....		65.34
Grand avenue, Clay to Stark.....	2.36	2.36
G. street, East to West end.....		4.62
Water street, planking		86.32
North 22d street, J. to P.....	22.66	22.66
Clinton street, E. 21st to E. 36th.....	21.92	88.18
Multnomah street, Grover to Curry.....	9.10	961.44
Belmont street, E. Water to E. 34th.....	12.00	12.00
E. 8th street, E. Flanders to Riverside hstd.		1,025.53
Going street, Union ave. to E. line Highland.	57.25	85.27
Fourth street, B. to G.....	23.60	23.60
A. street, s. l. blk. J, Irving's Add. to Tilla- mook street	29.96	29.96
Grand avenue, E. Clay to E. Grant.....	1.47	1.47
E. 8th street, Ainsworth to Dekum.....	15.25	27.64
Columbia street, 3d to Water.....	2.26	.77
Goldsmith st., 329 ft. to 802 ft. s. of Page st.	.50	650.16
Umatilla ave., Willamette River to east line Sellwood	471.23	280.00
Tacoma avenue, Will. river to e. l. Sellwood.	50.00	50.00
Morrison street, Front to Chapman.....	6.57	27.57
Grand avenue, E. Grant to E. Caruthers....	8.63	21.40
First street, 100 ft. n. to 100 ft. s. of Grover.	2.75	112.04
Cable street, Mill to Terrace road.....	171.75	60.51
Front street, Woods to Grover.....	2.75	179.68
Corbett st., 100 ft. n. to 30 ft. s. of Pennoyer	11.96	18.76
Elm street, 16th to Chapman.....	7.00	3.75
Front street, Madison to Burnside.....	5.94	5.94
Hood street, 50 ft. s. of Sheridan to Curry..	6.05	6.05

	Balance Dec. 31, 1907	War. Out'g Dec. 31, 1907
Jefferson street, 16th street to City Park...	6.15	9.58
Corbett street, Hood to Bancroft.....	246.11	401.80
Davis street, 12th to 14th	2.90	2.90
Union ave., 12 ft. s. to 131 ft. n. of Broadway	40.47	37.78
E. Yamhill street, Water to Union avenue.		1,251.97
Water and Hood streets		4.50
Front st., 150 ft. north to 70 ft. s. of Lane..	40.63	40.63
Seventeenth street, 60 ft. to 254 ft. n. of Vaughn street	24.71	24.71
Stark street, 7th to 12th	7.00	7.00
Tenth street, Hoyt to Northrup		2,992.34
Rodney avenue, Hancock to Knott.....	62.42	62.42
Failing street, Williams to Union	77.01	77.01
Front street, Q to 404 ft. s. of n. l. of Q.....	36.33	36.33
Hancock st., 200 ft. e. of E. 17th to E. 15th..	1.41	1.41
E. Eleventh street, Belmont to E. Glisan....	9.03	9.03
Alley in Blocks 2, 3 and 4, Riverview.....	23.16	23.16
Main street, Chapman to King.....		275.04
E. Burnside street, E. 8th to E. 28th.....	106.93	1,954.55
Kelly street, Grover to Seymour		506.79
Thurman street, 14th to Rugby		34.20
Clackamas street, E. 15th to E. 24th.....	2.60	
E. Nineteenth street, Multnomah to Weidler	136.79	
First street, Madison to Stark.....	.28	183.59
Peninsular ave., Pippin to Columbia Boul'd	11.21	244.63
Sherman street, 6th to 300 ft. w. of 6th.....	.16	.16
E. Salmon street, E. 15th to E. 33d.....	71.78	71.78
Kelly street, Hamilton to Macadam road....		109.28
Washington street, B to City Park.....	9.48	9.48
Fourth street, Glisan to Jefferson.....		.65
E. Twenty-fourth st., Multnomah to Halsey.	18.63	472.05
Albina avenue, Page to River.....	331.24	10,965.55
Broadway st., e. l. Carter's Add. to county r'd		373.73
River st., Albina ave. to 100 ft. s. of Albina avenue		477.05
Hancock st., E. 24th to 200 ft. e. of county rd	64.72	64.72
Third street, Main to Glisan	16.99	5,610.58
Albina avenue, Page to River		220.53
Front street, Arthur to Seymour	1.56	3,755.43
Overton street, 12th to 25th	56.01	
Macadam street, Grover to blocks 188 to 187		406.95
E. Twenty-fourth st., Base line to Sandy rd.		205.27

	Balance Dec. 31, 1907	War. Out'g Dec. 31, 1907
Hood st., 88 ft. n. to 58 ft. s. of Sheridan..	22.98	491.50
Arthur street, Hood to 1st	9.45	
Seventeenth street, Vaughn to Marshall.....		3,275.30
Goldsmith street, Albina to Russell.....		7,760.47
Curry street, Multnomah to 2d.....	2.40	
Fourth street, Burnside to Glisan	79.17	79.17
Tenth street, Washington to Front.....	546.40	15.07
Mississippi avenue, Morris to Prescott.....	3.18	1,252.86
Union avenue, Alberta to Love D. L. C.....	66.41	11,529.56
Karl street, Milwaukie to E. 20th.....	161.59	3,975.87
E. Seventeenth street, Belmont to E. Taylor		244.66
First street, Grover to Gaines		45.03
Rodney avenue, Knott to Morris		1.24
Sellwood street, Williams to Union		3.25
E. Twelfth street, Powell to Frederick.....		277.47
E. 22d street, Dunn's add. to Burnside.....	.30	.30
Ainsworth avenue, Union to E. 19th.....		68.07
Union avenue, Belmont to Hawthorne.....	634.97	3,487.94
Corbett street, Hood to Seymour	122.86	1.45
Pine street, Front to 6th	11.25	11.25
Front street, fill at Lane	22.69	1,275.00
Russell street, Gantenbein to Williams ave..		436.66
Upshur street, 26th to N. Portland		313.75
Main street, Front to 14th	9.42	6.75
Corbett street, fill at Pennoyer.....	29.62	1,181.46
First street, Madison to Columbia.....	3.27	
Thurman street, Rugby to P. Guild D. L. C.		27.25
Fremont street, E. 8th to Union ave.....		565.14
Shaver street, Union ave. to E. 12th.....	40.24	502.29
Powell street, Milwaukie to E. 21st.....		77.24
Hooker street, 3d to terminal Hooker.....		310.98
First street, fill at Grover	22.20	1,131.39
Vancouver avenue, Morris to Fremont.....		47.34
Front street, fill at Woods.....	94.07	2,250.00
E. Stark street, center l. E. 9th to E. 9th...	4.94	
E. Washington st., Union ave. to E. Water.	.30	3,249.98
Couch street, 1st to 14th		423.58
Williams avenue, McMillen to Morris.....	69.57	447.05
Corbett street, fill at Grover.....	5.73	668.95
E. Alder street, Union ave. to E. 10th.....	12.32	85.90
First street, n. l. Alder to s. l. of Alder....	18.49	16.71
Sixteenth street, Washington to Thurman..	75.65	74.34

	Balance Dec. 31, 1907	War. Out'g Dec. 31, 1907
E. Water street, E. Morrison to E. Oak.....	18.58	18.58
Mallory avenue, Mason to Going .....	.24	.96
E. Twentieth st., Hawthorne to E. Yamhill..	.01	.....
Weidler street, E. 1st to E. 21st	92.01	92.01
Clackamas street, Union ave. to E. 7th....	.....	1,444.98
Hawthorne avenue, E. 30th to Aurora ave..	.....	.26
Brooklyn street, E. 10th to Milwaukie.....	3.16	.....
E. Ewenty-eighth street, Bridge to Wasco..	.....	24.88
Second street, Morrison to Glisan.....	3.96	768.32
Grand avenue, E. Stark to E. Oak.....	.....	7,759.52
Holladay avenue, Larrabee to E. 12th.....	85.83	1,453.15
Grand avenue, E. Yamhill to E. Taylor.....	.....	448.25
E. Thirtieth street, Hawthorne to E. Salmon	.07	.....
Colfax street, Union to Garfield ave.....	1.48	5.59
E. Twentieth street, E. Stark to E. Burnside	.....	22.52
E. 20th st., Division to right of way O. & C. Ry.	84.84	84.84
Portsmouth ave., Monta to Bluff.....	184.98	184.98
Sixteenth street, College to Davenport....	1,084.34	394.68
Seventeenth street, Elizabeth to Clifton....	1,352.82	191.66
Sellwood street, Borthwick to Delay.....	128.24	128.24
Grand avenue, Failing to Shaver	134.76	134.76
E. Glisan street, Union ave. to E. 2d.....	126.89	126.89
First street, Columbia to Bridge.....	442.96	560.82
E. Twelfth street, Belmont to E. Yamhill...	24.50	24.50
E. Yamhill street, E. 12th to E. 14th.....	157.19	157.19
Page street, Williams ave. to Commercial..	395.45	395.45
E. Nineteenth st., Hawthorne to E. Salmon.	116.93	116.93
E. Seventh street, E. Alder to Hawthorne..	558.97	558.97
Nehalem avenue, E. 9th to E. 19th	100.69	142.69
E. Salmon street, Union ave. to E. 12th....	398.67	398.67
E. Ankeny street, E. 24th to Buchtel ave...	469.64	469.64
Lane street, Russell to Page	26.12	.....
Dupont street, Ross to Larrabee	87.48	87.48
E. Ash street, E. 22d to E. 28th.....	325.53	401.34
Wasco street, E. 24th to E. 28th.....	102.96	138.18
Jarrett street, Kerby to W. Piedmont.....	18.68	18.68
Jessup street, Kerby to W. Piedmont	19.70	19.70
Going street, Williams to Vancouver ave...	19.87	19.87
Kerby street, Killingsworth to W. Piedmont	66.20	66.20
Simpson street, Kerby to W. Piedmont.....	17.77	17.77
Church street, Kerby to W. Piedmont.....	28.26	28.26
Seventeenth street, Clifton to Jackson.....	19.41	19.41

	Balance Dec. 31, 1907	War. Out'g Dec. 31, 1907
Montana avenue, Killingsworth to N. Albina	117.80	117.80
Montana avenue, Portland Blvd. to Raymond	281.42	1,877.28
Dawson street, Columbia Park to McKenna	1.66	44.39
Minnesota ave., Killingsworth to N. Albina.	.....	6.16
Burnside street, 6th to Washington.....	618.34	618.34
Second street, Morrison to Madison.....	383.25	734.03
E. Sixth street, E. Everett to E. Oak.....	38.09	366.25
Ellis avenue, Milwaukie to Midway.....	96.25	202.18
Missouri ave., Killingsworth to N. Albina...	9.35	9.35
E. Seventeenth st., Nehalem to Linn ave...	197.72	471.68
Villard ave., Willamette to Portland Blvd..	73.69	73.69
E. Sixth street, Failing to Beech.....	25.41	25.41
Park street, Washington to Salmon.....	.....	164.01
E. Thirteenth street, Failing to Prescott....	112.57	112.57
Commercial street, Russell to Page.....	154.60	154.60
E. First street, Holladay ave to Pacific....	73.23	73.23
Mallory avenue, Fremont to Failing	122.45	122.45
Alberta street, Union ave. to E. 14th.....	367.12	396.24
Durham avenue, right of way P. Ry. Co. to Riggen	37.50	67.79
E. Seventeenth st., Tillamook to Broadway.	1,085.64	1,085.64
Hodge street, Dawson to Houghten.....	115.13	321.12
Cherry street, Larrabee to Wheeler.....	318.37	614.55
Smith street, E. 20th to Smith's Add.....	138.00	138.00
Santa Monica street, Union to Albina ave..	178.71	178.71
Union avenue, E. Oak to Belmont.....	563.47	571.32
Beech street, Union to Mississippi ave....	813.23	1,024.56
E. Flanders st, E. 28th to 131 ft. w. of E. 27th	77.67	77.67
E. 27th st., Logan's Add. to Wynkoop Villa.	99.84	141.55
Rodney avenue, Morris to Fremont.....	1,980.19	2,248.61
Fiske street, Dawson to Trenton.....	289.78	1,217.35
Jessup street, Patton to Michigan ave.....	23.55	67.64
E. Taylor street, Grand ave. to E. 9th.....	4,356.50	1,697.60
Klickitat street, Union to Albina .....	.....	35.70
E. Lincoln street, Marguerite to Prettyman.	277.80	277.80
E. Thirty-fourth street, Division to Clinton..	52.54	52.54
Emerson street, Congress to Patton.....	57.58	254.92
Habersham avenue, w. 1/2 of	27.79	27.79
Grand avenue, E. Morrison to Belmont.....	11.36	11.36
Linn avenue, E. 13th to E. 19th.....	77.48	93.94
E. Yamhill street, Union ave. to E. 8th.....	1,254.05	.....
E. Madison street, E. 37th to Prettyman ave.	737.59	833.95

	Balance Dec. 31, 1907	War. Out'g Dec. 31, 1907
Oneonta street, Dekum to Columbia Blvd..	87.05	4,232.42
Dakota street, Macadam to Wisconsin.....	184.38	184.38
California street, Macadam to 310 ft. w. of Virginia	80.40	80.40
Michigan avenue, Killingsworth to N. Albina	80.57	88.26
Twenty-fifth street, Johnson to Savier.....	370.44	1,196.14
Trinity place, Washington to Everett	207.90	1,815.86
Misner street, Base line road to Villa ave..	34.91	1,815.72
E. Yamhill street, E. 20th to E. 33d.....	609.02	933.89
Manhattan street, Union ave. to E. 9th.....		1,447.11
Fourteenth street, Burnside to Savier	88.63	2,665.39
Jarrett street, Patton ave. to Havelock.....	438.69	612.52
Virginia street, Nevada to Dakota	113.51	3,801.82
Knott street, Vancouver to Williams.....	108.08	1,599.58
E. Nineteenth street, E. Morrison to E. Stark		1,595.56
Knott street, Vancouver ave. to Delay.....	627.41	3,748.16
Benton street, Dupont to Clackamas.....		3,645.39
E. 24th street, Multnomah to Carter's Add..		1,473.56
Russell street, Williams to Union ave.....	234.02	11,767.19
McMillen street, Crosby to Williams ave....	68.23	5,958.79
E. Hoyt street, E. 28th to E. 29th.....	25.99	1,741.07
E. 27th street, Multnomah to Wasco		528.05
E. Eighth street, Hawthorne ave. to Belmont	912.56	2,601.67
E. Twenty-third st., E. Salmon to Belmont.	12.93	2,126.35
Nebraska street, Wisconsin to Bond.....		837.51
E. Twenty-third st., Hawthorne to E. Salmon		1,703.68
Ankeny street, Front to 3d.....	82.06	293.74
Stanton street, Williams ave. to Delay.....	72.92	4,224.64
E. Ninth street, Hawthorne ave. to Division	17.91	5,481.80
Ella street, Washington to Yamhill.....		1,393.78
Texas street, Macadam to Virginia		1,662.15
Clinton street, Milwaukie to E. 12th.....	40.42	230.59
Francis avenue, Belmont to Base line road.	180.49	3,218.52
E. Sixth st., E. Washington to E. Sherman..	3,345.57	3,672.78
Denver ave., Killingsworth to Portland Blvd.	67.39	2,401.42
Lexington ave., E. 13th to Milwaukie Co. r'd	159.55	
Total	\$ 35,192.13	\$ 199,700.23

SEWER FUNDS

	Balance Dec. 31, 1907	War. Out'g Dec. 31, 1907
Portland Heights	\$ 48.23	\$ 690.44

	Balance Dec. 31, 1907	War. Out'g Dec. 31, 1907
Whitaker street, Kelly to Thomas Creek...	1.05	92.00
First street, Whitaker to Grover.....		34.16
Cook avenue district	37.19	250.00
Williams avenue, Alberta to Fremont.....	5.60	42.00
Tanner Creek	174.70	1,700.00
E. Main street, E. 31st to E. 32d.....	25.00	25.00
Union avenue, Alberta to Wygant	25.00	25.00
Cleveland avenue, Alberta to Beech.....	25.00	25.00
Larrabee street, Dupont to Hancock	1.20	27.00
Ross street, Dixon to Hancock .....	.02	
E. Madison st., E. 28th to Pleasant View Add.	30.86	35.16
Florida street, Virginia to Macadam	239.05	400.00
Irvington district	101.74	5,747.24
Garfield avenue, Alberta to Beech.....	1.30	125.00
E. Tenth street, Failing to Fremont.....	36.90	316.00
Belmont street, Myrtle ave. to E. 39th.....	32.45	1,244.00
E. Eleventh street, Failing to Fremont.....	60.60	271.00
E. Nineteenth st., Thompson to Tillamook..	22.50	100.00
E. Ash street, 201 ft. to 185 ft. e. of E. 28th.	13.95	100.00
Margin and Cherry streets	17.00	259.20
Albina avenue, Alberta to Humboldt.....	15.40	100.00
Mississippi avenue, Blandena to Prescott...	14.05	386.35
E. Taylor street, Grand avenue to E. 8th...	47.60	830.80
Dover street, Thurman to Vaughn.....	13.15	96.40
Oliver avenue and P. street	44.55	625.00
Michigan avenue, Prescott to 125 ft. s.....	25.70	75.00
Minnesota avenue and Cook avenue	15.00	875.00
E. Taylor street, E. 38th to E. 39th.....	14.25	104.45
Michigan avenue, Fremont to Cook ave....	19.80	273.35
E. Eleventh street, E. Hoyt to E. Davis.....	33.80	87.40
Elizabeth street, Davenport to 16th	24.65	426.65
E. Seventeenth street, Tillamook to Hancock	104.40	148.20
Beech, E. 12th, E. 14th, et al. streets.....	62.10	
Beech, E. 9th et al. streets	626.35	
Total	\$ 1,960.14	\$ 15,536.80

STREET EXTENSION FUNDS.

	Balance Dec. 31, 1907	War. Out'g Dec. 31, 1907
South Fourth street		\$ 150.00

	Balance Dec. 31, 1907	War. Out'g Dec. 31, 1907
Heights Terrace	\$ 10.00	10.00
North Twenty-second street		1.00
Clinton street, E. 12th to Milwaukie.....	23.00	
E. Burnside street, E. 28th to Goodsell ave.	.50	8.00
Fifteenth street, terminal to Front	14.40	
St. Helens road, Front to 29th.....	110.15	
Ellsworth street, E. 6th to E. 9th		70.00
Sixteenth street, Upshur to Front.....	7.75	
Peninsular avenue, Baldwin to Willis Blvd.	39.00	
Nevada street	4.00	4.00
Union avenue, Alherta to Love D. L. C.....	3.74	3.74
Clinton street, E. 36th to E. 37th.....	155.68	
E. Fifteenth street, Belmont to E. Yamhill.	14.00	14.00
Dekum avenue, Camden to Vancouver Co. rd.	14.00	14.00
E. Seventeenth st., E. Taylor to Brown's Add.	172.00	
Francis avenue, blk. 11 to blk. 1, Kenilworth Add.	22.00	27.00
Belmont street, Prettyman to city limits..	427.75	421.75
E. Twenty-ninth st., Broadway to Tillamook	71.65	71.65
Elsmere avenue, Hawthorne to Division....	16.00	16.00
E. 26th street, Hawthorne to Dolan's Add..	299.00	263.15
Dekum ave., Camden st. to Vancouver Co. rd	500.80	500.80
Emerald avenue, Pippin to Willis Blvd.....	44.10	44.10
E. Sixteenth st., Highland Park to Howe st.	84.50	84.50
Crown avenue, Alpin to Davenport	670.40	670.40
Virginia st., s. terminal to Taylor's Ferry rd.	79.00	
Burrage street, Pippin to Farragut	34.09	34.09
E. Thirteenth, Beacon to Frederick.....	36.00	36.00
Orange street, Paradise Springs to Myrtle.	629.00	
E. Nineteenth street, Powell to Edgar.....	356.33	
Rhine street, E. 10th to E. 11th.....	218.08	
Total	\$ 4,056.92	\$ 2,444.18

INVENTORY OF PROPERTY, REAL AND PERSONAL, BELONGING
TO THE CITY OF PORTLAND.

PARK BLOCKS IN CITY.

Block 7	\$ 50,000.00
Block 8	50,000.00
Block 9	55,000.00
Block 10	50,000.00
Block 11	40,000.00
Block 12	40,000.00
Block 13	35,000.00
Block 14	30,000.00
Block 15	30,000.00
Block 16	30,000.00
Block 17	25,000.00
Block 18	25,000.00
Block 19	25,000.00
Block 20 (fractional)	10,000.00
	\$ 495,000.00

PARK BLOCKS IN COUCH ADDITION.

Block A (fractional)	\$ 40,000.00
Block B 100x200	65,000.00
Block C 100x200	45,000.00
Block D 100x200	45,000.00
Block E 100x200	45,000.00
Block F 100x200	50,000.00
	\$ 290,000.00

PUBLIC SQUARES.

Block 53, 200x200, between Salmon and Main, Third and Fourth streets	\$ 200,000.00
Block 54, 200x200, between Main and Madison, Third and Fourth streets	200,000.00
	\$ 400,000.00

MARKET SQUARE.

Block 132, 200x200, between Clay and Market, Second and
Third streets\$ 80,000.00

CITY PARK PROPER.

40.78 acres lying between Washington and Jefferson streets.\$ 200,000.00
5-acre tract in Terwilliger D. C., adjoining Eliz. Caruthers'
D. C. 30,000.00
\$ 230,000.00

FORESTRY BUILDING AND SITE.

Commencing at the southwest corner of block 20, in North
Portland, said point being in the north line of Upshur
street, 274.41 feet westerly, measured along the north
line of Upshur street, from the west line of Twenty-sev-
enth street; thence west along the north line of Upshur
street 205.59 feet to a point; thence southerly at right
angles to last line, 30 feet; thence westerly at right
angles to last line and on a line 30 feet northerly from
and parallel with the south line of Upshur street 155.76
feet to a point; thence northerly at right angles to the
last line 290 feet to a point in a westerly extension of
its present course of the north line of Vaughn street;
thence easterly along said westerly extension of the
north line of Vaughn street, 155.76 feet; thence south-
erly at right angles to last line 60 feet to a point in the
south line of Vaughn street; thence easterly along said
south line of Vaughn street 213.9 feet, more or less, to
the northwest corner of block 20, North Portland;
thence southerly along the westerly boundary of said
block 20, 200.17 feet, to the place of beginning, contain-
ing two acres. (Also all right, title and reversionary
interest in and to the north one-half of the west 80 feet
of Vaughn street, in the event that said west 80 feet of
Vaughn street, or any portion thereof, should be vacated
at some future time.)\$ 25,000.00

LADD'S ADDITION.

Central Park\$ 5,000.00
North Park 1,000.00

South Park 1,000.00
West Park 1,000.00
East Park 1,000.00
\$ 9,000.00

HOLLADAY'S ADDITION.

132 Park block\$ 15,000.00
133 Park block 15,000.00
140 Park block 15,000.00
141 Park block 15,000.00
\$ 60,000.00

MACLEAY PARK.

107.78 acres, beginning at quarter section corner, between
sections 31 and 32, t. 1 s., n. of r. 1 e.\$ 26,950.00

GOVERNOR'S PARK.

1-815 acre in section 4, 1 s., 1 e.; 1 acre in section 4, 1 s.,
1 e.; 2 acres in section 4, 1 s., 1 e.\$ 10,000.00

ALBINA.

Park near John Mock's place, and being part of section 8,
1 n., 1 e., containing 29.46 acres\$ 35,000.00
Park block 9, Albina Homestead (all of block) 12,000.00
\$ 47,000.00

FULTON.

The following described parcel of real estate situate, lying
and being in the County of Multnomah and State of Ore-
gon, to-wit: All of blocks numbered five (5), six (6),
fourteen (14), fifteen (15) and twenty (20), and lots
numbered five (5), six (6), seven (7), eight (8), nine
(9), ten (10), eleven (11), twelve (12), thirteen (13),
fourteen (14), fifteen (15), sixteen (16), seventeen (17),
eighteen (18), nineteen (19), twenty (20), twenty-one
(21), twenty-two (22), twenty-three (23), twenty-four
(24), and twenty-five (25), in block numbered eighteen
(18), and lots numbered one (1), two (2), three (3),
four (4), and five (5), in block numbered nineteen (19),

all in Fulton Park, as shown by the plat thereof, duly recorded in Book 114, on page 4, of the Records of Deeds of Multnomah County. Also the following described tract of land situate in Fulton Park in the County and State aforesaid: Commencing at a point which is the southeast corner of lot numbered nine (9), in block numbered nineteen (19), in said Fulton Park; and running thence along the south line of block numbered nineteen (19), to the southwest corner of lot numbered one (1), in said block nineteen (19); thence westerly in a straight line to the southeast corner of block numbered twenty (20), in said Fulton Park; thence southwesterly along the south line of said block numbered twenty (20) to the southwest corner thereof; thence southerly in a straight line to the northwest corner of block numbered twenty-four (24), in said Fulton Park; thence east along the north line of said block twenty-four (24), and continuing to a point sixty (60) feet east of the northeast corner of the said block numbered twenty-four (24); thence south to a point in the north line of the road immediately north of the north line of block numbered twenty-six (26), in said Fulton Park; thence northerly and easterly following the north line of said road to a point immediately north of the northeast corner of lot numbered eighteen (18), in said block numbered twenty-six (26), thence north to the place of beginning. Also the following described tract of land situate in sections fifteen (15) and sixteen (16), in township one (1), south of range one (1), east of the Willamette Meridian, in the County and State aforesaid; commencing at a point in the north line of Hill street, as shown by said recorded plat of Fulton Park, which is directly north of the northeast corner of lot numbered seven (7), in block numbered sixteen (16), in said Fulton Park, as shown by said plat; running thence westerly along said north line of Hill street to the intersection of said Hill street with boulevard, as shown in said plat, to the east line of block numbered (6), in said Fulton Park; thence north along said east line of said block numbered six (6), and in an extension in a straight line to the south line of block numbered five (5), in said Fulton Park; thence easterly along the south line of said block numbered five (5), in Fulton

Park, and along the south line of the Slavin county road, to a point in the said south line of the Slavin road directly south of the southeast corner of lot numbered fourteen (14), in block numbered four (4), in Fulton Park, as shown by said plat thereof, recorded at page 4, Book 114, of the Records of Deeds of Multnomah County, Oregon, and thence south to the place of beginning. Value\$ 3,000.00

CREMATORY.

Crematory, north of St. Helens road in the Poole tract, 4.98 acres and improvements\$ 30,000.00

CITY BARN.

West Side, block 1, lots 5, 8, 9, 10, 11, 12 Davenport tract...\$ 30,000.00
East Side, block 251, lots 1, 2, and 8, Holladay's Addition... 7,500.00
\$ 37,500.00

HOSPITAL FOR CONTAGIOUS DISEASES.

Two acres in Tract D, section 5, 1 s., 1 e.....\$ 2,500.00

UNIMPROVED LOTS AND BLOCKS.

Block 14, Proehstel's Addition to Albina; lots 12, 13, 14 and 15\$ 3,200.00

POLICE DEPARTMENT.

Block 30, lot 4, police court, city\$ 30,000.00
Block 56, ne. 25 ft. lot 3, ne. 25 ft. lot 4, Albina..... 2,000.00

FIRE DEPARTMENT.

Block 30, n. * lot 3, City, engine house\$ 15,000.00
Block 9, n. ½ lot 4, City, engine house 15,000.00
Block 50, lot 6, City, engine house 55,000.00
Block 143, lot 6, City, engine house 6,500.00
Block 315, e. ½ lot 8, City, engine house 25,000.00
50x95, ne. cor. Third and Glisan streets, Couch..... 45,000.00
Block 128, lot 3, Caruthers, engine house 4,000.00
Block 291, lot 2, Couch, engine house 6,500.00

Block 99, e. ½ lots 2 and 3, Couch, engine house	15,000.00
Block 76, s. ½ lot 7, Stephens Add., engine house	2,500.00
Block 47, n. ½ lot 6, Holladay, engine house	2,250.00
Block 29, lot 14, Albina Homestead, engine house	1,000.00
Block 10, lot 11, Proebstel's Add.	1,000.00
Block 14, lot 13, Multnomah, engine house	2,000.00
House only for No. 8 Engine Co. on Russel street, Albina.	3,900.00
Block 57, lots 12 and 13, Sellwood, engine house.....	3,500.00
50x100, Macadam road, engine house	4,000.00
Block 5, lot 4, Wynkoop Villa, engine house	5,000.00
Block 71, lot 5, Holladay, engine house	9,950.00
Block 104, lot 5, Grovers, engine house	10,197.00
Block 20, lot 6, Sunnyside, engine house	4,000.00
Block 5, lot 6, Maegly Highland, engine house	6,000.00
100x100, nw. cor. East 12th and Powell sts. (engine house).	6,000.00
Fire boat	60,000.00
Fire boat house and dock	10,000.00
Block 3, n. ½ lots 13, 14, 15 and 16, Frush's Square.....	15,000.00
Total	\$ 332,397.00

City Hall block	\$ 600,000.00
City Water Works and lands belonging thereto	7,695,709.86
(For list of property belonging to Water Works see re- port of Water Board.)	
Personal property Fire Department	326,550.00
Personal property Police Department	1,500.00
Personal property Street Cleaning and Sprinkling Dept...	22,000.00
Personal property City Hall, including museum, furniture, fixtures, etc., not included in the above	42,500.00

BRIDGES AND FERRIES.

Madison street bridge	\$ 30,000.00
Morrison street bridge	346,500.00
Burnside street bridge	225,000.00
Albina ferry boat	14,850.00
Albina ferry boat (new).....	22,500.00
Sellwood ferry boat	13,500.00
.....	\$ 652,350.00

NEW ALBINA FERRY APPROACHES.

N. 25 ft. of lot 21, river block 2; s. 5 ft. of lot 22, river block 2	\$ 14,100.00
N. 35 ft. of s. 75 ft. lot 21, river block 2.....	9,800.00
65 ft. from se. side of river, lot 9, Albina.....	12,000.00
.....	\$ 35,900.00

Personal property Pound Department	\$ 450.00
Street improvement warrants surrendered to the city for general fund warrants by authority of Council (of uncer- tain value); face value	9,571.43
Street improvement and sewer warrants drawn in favor of city to cover expense of engineering and advertising...	15,989.23

SUMMARY.

Park blocks in city	\$ 495,000.00
Park blocks in Couch Addition	290,000.00
Public squares	400,000.00
Market square	80,000.00
City Park proper	200,000.00
Five acres Terwilliger tract	30,000.00
Forestry building and land	25,000.00
Five small parks in Ladd's Addition	9,000.00
Four park blocks in Holladay Addition	60,000.00
Macleay Park	26,950.00
Governor Park	10,000.00
City park in Mock's tract.....	35,000.00
Block 9, Albina Homestead	12,000.00
Fulton Park	3,000.00
Crematory, north St. Helens road	30,000.00
City barn and ground, West Side	30,000.00
City barn and ground, East Side	18,500.00
Block 30, lot 4, city	30,000.00
Pest house and property	2,500.00
Lots 12, 13, 14 and 15, block 14, Proebstel's Addition	3,200.00
Buildings and ground belonging to Fire Department.....	332,397.00
City Hall	600,000.00
Bridges and ferries	652,350.00
City Water Works and real property.....	7,695,709.86

Personal property Fire Department	326,550.00
Personal property Police Department	1,500.00
Personal property Street Cleaning and Sprinkling Dept....	22,000.00
Personal property Pound Department	450.00
Albina ferry approaches	35,900.00
Personal property City Hall, museum, furniture, etc.....	42,500.00
Street improvement warrants, face value	9,571.43
Street improvement, sewer and street extension warrants.	33,010.83
Available cash balances, exclusive of street improvement sewer and street extension funds; the improvement bond and improvement bond sinking fund, improve- ment bond interest, street and sewer interest funds and water bond sinking fund	375,583.15
Water bond sinking fund investment, \$94,262.72; street im- provement bonds purchase for \$97,323.96.....	94,262.72
Total resources	\$12,011,934.99

LIABILITIES.

Bonded debt	\$5,726,500.00
Interest coupons due Jan. 1, 1908.....	128,185.00
Special bridge warrants out Jan. 1, 1908.....	19,150.00
Light claim for December, 1907.....	7,493.25
	<u>\$5,881,328.25</u>
Balance	\$6,130,606.74

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

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

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

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

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

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

East half of a strip of land 40 feet wide, bounded by blocks 60 and 61, Caruthers' Addition; purchased September 12, 1871, for improvement of South First street.

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

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

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

A tract of land in Caruthers' Addition and bounded and described as beginning at a point where the easterly extension of the north line of Lincoln street intersects the east line of the proposed extension

of Hood street; thence northerly along said line 150 feet; thence easterly in a line parallel with and fifty feet southerly from the north line of Caruthers' donation land claim, 100 feet east of the east line of the proposed extension of Hood street, 150 feet; thence easterly on a line conforming to an easterly extension of the north line of Lincoln street, 100 feet to the place of beginning; purchased April 2, 1885, for the extension of Hood street.

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

A tract of land lying between the division line between the north and south halves of the Blackistone donation land claim and the south boundary line of Sherlock's Addition, and between the east side line of the proposed extension of North Twenty-first street and a line parallel therewith and 100 feet easterly therefrom in the City of Portland; purchased April 2, 1885, for the extension of North Twenty-first street.

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

Lot 4, block 3, Carter's Addition; purchased February 5, 1885, for the improvement of Fifteenth street.

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

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

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

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

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

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

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

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

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

A tract of land which lies between the west line of North Eighteenth street and 20 feet west of the west line of North Nineteenth street if extended, and between the north line of the proposed extension of Wilson street and the division line between the north and south halves of Blackistone's donation land claim, and between a line 100 feet northerly from and parallel with the north line of the proposed extension of Wilson street and the southeasterly side line of Sherlock's Addition; purchased January 16, 1890, for the extension of Wilson street.

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

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

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

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

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

The fractional block between Ankeny, Pine, Sixth and Seventh

streets; purchased June 19, 1877, for the improvement of Ankeny street, North Front to West Park streets.

Lot 2, block 2, Frush Square; purchased November 2, 1872, for the improvement of J street.

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

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

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

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

3x100 feet on the east side of lots 5, 6, block 62, East Portland; purchased December 10, 1883, for the improvement of Third street.

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

Lot 4, block 106, Stephens' Addition; purchased July 17, 1880, for taxes.

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

Seven acres, Section 11, T. 1 S., R. 1 E.; purchased July 17, 1880, for taxes.

Ten acres, Section 11, T. 1 S., R. 1 E.; purchased July 17, 1880, for taxes.

Five acres, Section 11, T. 1 S., R. 1 E.; purchased July 17, 1880, for taxes.

Two acres, Section 11, T. 1 S., R. 1 E.; purchased July 17, 1880, for taxes.

Five acres, Section 11, T. 1 S., R. 1 E.; purchased July 17, 1880, for taxes.

Two acres, Section 11, T. 1 S., R. 1 E.; purchased July 17, 1880, for taxes.

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

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

Lots 5, 6, block 17, Tibbetts' Addition; purchased July 17, 1880, for taxes.

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

Lot 9, block 14, Multnomah; purchased September 12, 1895, for the improvement of Mississippi avenue.

Lot 8, block 133, Caruthers' Addition to Caruthers' Addition; purchased September 12, 1895, for the improvement of Whitaker street.

A tract of land described as follows: Beginning at a point on the west line of South Second street, 200 feet south of the south line of Sheridan street; run thence westerly 100 feet; thence southerly 20 feet; thence easterly 100 feet; thence northerly 20 feet, to place of beginning; purchased April 30, 1896, for the improvement of South Second street from Sheridan to Gibbs street.

A tract of land described as follows: Beginning at a point on the west line of South Second street 220 feet south of the south line of Sheridan street; run thence westerly 100 feet, thence southerly 20 feet, thence easterly 100 feet; thence northerly 20 feet to the place of beginning; purchased April 30, 1895, for the improvement of South Second street from Sheridan to Gibbs street.

A tract of land described as follows: Beginning at a point on the east line of South Second street, 220 south of the south line of Sheridan street; run thence easterly 100 feet; thence southerly 20 feet; thence westerly 100 feet; thence northerly 20 feet to place of beginning; purchased April 30, 1896, for the improvement of South Second street from Sheridan to Gibbs street.

Lot 8, block 38, Carter's Addition to the City of Portland; purchased December 18, 1887, for delinquent assessment for the extension of Harrison street.

South $\frac{1}{2}$ block 314, city; purchased January, 1872, for the improvement of Washington street.

The undivided $\frac{1}{2}$ of the east $\frac{1}{2}$ of block 3, block C. Subdivision 25 of Carter's Addition; purchased February 5, 1885, for the improvement of Montgomery street.

Tracts between the north line of W street and the division line between the north $\frac{1}{2}$ and the south $\frac{1}{2}$ of Blackistone's donation land claim, and between the west line of North Twenty-first street, and a line 100 feet westerly therefrom; purchased April 2, 1885, for the extension of North Twenty-first street.

Lot 6, block 10, Blackistone's Addition; purchased April 2, 1885, for the extension of North Twenty-first street.

Lot 1, block 9, Blackistone's Addition; purchased April 2, 1885, for the extension of North Twenty-first street.

Lot 4, block 9, Blackistone's Addition; purchased for extension of North Twenty-first street.

Lot 5, block 9, Blackistone's Addition; purchased for extension of North Twenty-first street.

Lot 8, block 9, Blackistone's Addition; purchased for extension of North Twenty-first street.

Lot 3, block 10, Blackistone's Addition; purchased for the extension of North Twenty-first street.

Lot 2, block 10, Blackistone's Addition; purchased for the extension of North Twenty-first street.

Lot 7, block 10, Blackistone's Addition; purchased for the extension of North Twenty-first street.

Lots 5, 6, block 11, Tibbetts' Addition; purchased for taxes, 1880 (not on S. B.).

Lots 7, 8, block 50, Caruthers' Addition; purchased June 11, 1885, for improvement of Front and South Front streets.

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

FRANCHISE ACCOUNTS.

Portland Railway Company.

Amount due under provisions of Ordinances Nos. 13177 and 13089:	
For 1907	\$ 4,500.00
Amount paid to City Treasurer during 1907.....	4,500.00

Pacific States Telephone & Telegraph Company.

Amount due under provisions of Ordinance No. 12590.....	\$ 1,000.00
Amount paid to City Treasurer during 1907.....	1,000.00

People's Market Association.

Amount due under provisions of Ordinance No. 13482:	
For 1906	\$ 100.00
For 1907	1,200.00
	\$ 1,300.00
Amount paid to City Treasurer during 1907.....	\$ 1,100.00

City Messenger and Delivery Company.

Amount due under provisions of Ordinance No. 13897.....	\$ 100.00
Amount paid to City Treasurer during 1907.....	100.00

United Railways Company.

Amount due under provisions of Ordinance No. 15427.....	\$ 1,200.00
Amount due on account of 1906.....	200.00
	\$ 1,400.00

Port. Gen'l. Electric Co.

Amount due under provisions of Ordinance No. 15909....	\$ 1,000.00
Amount paid to City Treasurer during 1907.....	1,000.00

Willamette Valley Traction Company.

Amount due under provisions of Ordinance No. 15428.....	\$ 440.00
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FRANCHISES.

Ordinance No. 107—former City of Albina—entitled: "An Ordinance authorizing the erecting, laying, stretching and maintaining of poles and wires for use in conducting electricity in the City of Albina by the Albina Light & Water Company and its assigns." Approved March 5, 1890. Expires, no time. Owned by Portland General Electric Company.

Ordinance No. 183—former City of East Portland—entitled: "An Ordinance granting to the Oregon & California Railroad Company the right of way on First street." Passed June 17, 1876. Expires, no time. Owned by Oregon & California Railroad Company, leased by the Southern Pacific Railway.

Ordinance No. 310—former City of East Portland—entitled: "An Ordinance

nance authorizing the Oregon Railway & Navigation Company to lay a railroad track and run cars over the same within the City of East Portland." Passed September 13, 1881. Expires, no time. Owned by the Oregon Railroad & Navigation Company.

Ordinance No. 595—former City of East Portland—entitled: "An Ordinance granting H. A. Hogue, C. P. Hogue and D. H. Jones, their successors and assigns, the right and privilege of erecting, constructing, maintaining and operating an electric light and power plant in the city of East Portland." Approved June 29, 1887. Expires, no time. Owned by Portland General Electric Company.

Ordinance No. 599, entitled: "An Ordinance authorizing the Oregon Central Railroad Company, of Portland, to lay a railroad track and run cars over the same, within the City of Portland." Approved January 6, 1869. Owned by the Oregon & California Company, leased by Southern Pacific Company.

Ordinance No. 631—former City of East Portland—entitled: "An Ordinance authorizing the Oregon Railway & Navigation Company to lay down railway tracks and run cars over the same over, along and across certain streets in the City of East Portland, to connect with the bridge of the said company to be constructed across the Willamette River between the Cities of East Portland and Portland." Approved December 5, 1887. Expires, no time. Owned by the Oregon Railroad & Navigation Company.

Ordinance No. 681—former City of East Portland—entitled: "An Ordinance authorizing George W. Brown, his successors or assigns, to construct, maintain and operate street railways in the City of East Portland, County of Multnomah, State of Oregon." Approved November 22, 1888. Expires, fifty years. Owned by the Portland Railway Light and Power Company.

Ordinance No. 888—former City of East Portland—entitled: "An Ordinance authorizing George W. Brown, his successors and assigns, to construct and maintain and operate a street railway on certain streets in the City of East Portland." Owned by the Portland Railway, Light & Power Company. Approved October 22, 1890. Expires, 50 years.

Ordinance No. 967—former City of East Portland—entitled: "An Ordinance confirming to the East Side Railway Company all the rights, privileges and franchises granted by Ordinance No. 888, entitled: 'An Ordinance authorizing George W. Brown, his successors or assigns, to construct, maintain and operate a street railway on

certain streets in the City of East Portland, Oregon.'" Approved May 22, 1891. Owned by the Portland Railway, Light & Power Company.

Ordinance No. 984—former City of East Portland—entitled: "An Ordinance authorizing George W. Brown, his successors or assigns, to construct, maintain and operate an electric light and power plant in the City of East Portland, Multnomah County, Oregon." Approved June 25, 1891. Expires, no time. Owned by Portland General Electric Company.

Ordinance No. 2969, entitled: "An Ordinance authorizing the Oregonian Railway Company (limited) to lay a railway track and run cars over the same within the City of Portland." Approved January 7, 1881. Expires, no time. Owned by the Oregon & California Railway Company, and leased by the Southern Pacific Company.

Ordinance No. 3513, entitled: "An Ordinance granting the right of way through the streets of the City of Portland for laying pipes for the purpose of conveying water through and throughout the city." Approved July 21, 1882. Owned by Portland Hydraulic Elevator Company.

Ordinance No. 3538, entitled: "An Ordinance authorizing the erection and maintaining of electric light wires and the necessary supports therefor on and over the streets of the City of Portland." Approved September 8, 1882. Expires, no time. Owned by Portland General Electric Company.

Ordinance No. 3656, entitled: "An Ordinance authorizing the Northern Pacific Terminal Company of Oregon, its successors and assigns, to construct and maintain a double railway track on North Front street, in the City of Portland, from the northern limits of said city to the south line of 'P' street, and a single track from thence to a point opposite the southwest corner of block G and eighty feet distant therefrom with a side track from a point opposite block 220 to block H, both in Couch's Addition to said City of Portland; also sufficient and suitable side tracks from, at or near the foot of 'P' street, curving across and along East and West Park streets and M, N, O and P streets, and to confirm to the Oregon & California Railway Company the right to maintain and operate its main and side tracks in North Front street, in said city." Approved December 8, 1882. Expires, no time. Owned by the Northern Pacific Terminal Company of Oregon.

Ordinance No. 4932, entitled: "An Ordinance authorizing and directing a contract with P. F. Morey and his assigns, and authorizing

and allowing the erection and maintaining of poles and wires used in connection with or as a part of electric light works, in, upon and over the streets, alleys and public parks and public grounds of the City of Portland." Approved October 7, 1886. Expires, no time. Owned by Portland General Electric Company.

Ordinance No. 4942, entitled: "An Ordinance granting to the Northwestern American District Telegraph Company, of Oregon, the right and privilege of erecting, constructing, maintaining and operating its telegraph system in the City of Portland." Approved October 21, 1886. Expires, no time. Owned by American District Telegraph Company.

Ordinance No. 4995, entitled: "An Ordinance granting to the Pacific Postal Telegraph Cable Company the right and privilege of erecting, constructing, laying, maintaining and operating its telegraph lines in the City of Portland." Approved January 6, 1887. Expires, no time. Owned by Postal Telegraph Cable Company.

Ordinance No. 5100, entitled: "An Ordinance granting to the Portland & Willamette Valley Railway Company, its successors and assigns, a right of way over certain lands belonging to the City of Portland." Approved June 17, 1887. Expires, no time. Owned by Oregon & California Railroad Company, leased by Southern Pacific Company.

Ordinance No. 5163, entitled: "An Ordinance authorizing the Oregon Railway & Navigation Company, its successors and assigns, to cross with bridge approach and tracks North Front street and North Third street, and to occupy portions of said streets." Approved August 19, 1887. Expires, no time. Owned by the Oregon Railroad & Navigation Company.

Ordinance No. 5568, entitled: "An Ordinance authorizing the Northern Pacific Terminal Company of Oregon to construct and maintain certain railroad tracks in and across certain streets in the City of Portland." Approved September 11, 1888. Expires, no time. Owned by the Northern Pacific Terminal Company.

Ordinance No. 7134, entitled: "An Ordinance to authorize and empower the Committee on Free Bridges to enter into a contract with the Columbia Street Bridge Company to purchase the bridge commonly known as the 'Madison Street Bridge,' and to grant to the Mount Tabor Street Railroad Company, and its assigns, the right of way across the same." Approved November 11, 1891. Expires, 30 years. Owned by the Portland Railway, Light & Power Company.

Ordinance No. 7443, entitled: "An Ordinance granting to the Highland Park Water Company the right of way through and across certain streets and avenues of that portion of the City of Portland known as Highland Park, Irvington Park, Woodlawn Heights, Cloverdale, Cloverdale Extension No. 1, Cloverdale Extension No. 2, and Columbia Heights, for laying pipes for the purpose of conveying water through and throughout said portion of said city." Approved March 3, 1892. Expires, 20 years. Owner unknown.

Ordinance No. 7578, entitled: "An Ordinance granting to the Investment Company the right of way through and across certain streets in the City of Portland, Oregon, for the purpose of laying pipes for conveying water." Approved April 25, 1892. Expires, 20 years. Owned by Investment Company.

Ordinance No. 8101, entitled: "An Ordinance granting to the East Portland Gas Light Company the right to lay pipes and mains under-ground through the streets and alleys of that portion of the City of Portland lying on the east bank of the Willamette River, for the purpose of carrying gas into, through and throughout said portion of the City of Portland, and to supply the inhabitants thereof with gas." Approved January 5, 1893. Expires, no time. Owned by the Portland Gas Company.

Ordinance No. 8208, entitled: "An Ordinance granting to the Investment Company the right of way through and across certain streets in the City of Portland, Oregon, for the purpose of laying pipe for carrying water." Approved March 16, 1893. Expires, 20 years. Owned by Investment Company.

Ordinance No. 8275, entitled: "An Ordinance authorizing the East Side Railway Company, its successors or assigns, to construct, maintain and operate a street railway on East Eleventh street, in the City of Portland, Oregon." Approved May 4, 1893. Expires, 30 years. Owned by the Portland Railway, Light & Power Company.

Ordinance No. 8419, entitled: "An Ordinance granting to the Western Union Telegraph Company the right to place and maintain its poles and lines in the streets, alleys and public ways of the City of Portland, State of Oregon, on the terms and condition herein stated." Approved July 21, 1893. Expires, no time. Owned by Western Union Telegraph Company.

Ordinance No. 8445, entitled: "An Ordinance authorizing the East Side Railway Company, its successors or assigns, to construct,

maintain and operate a street railway on Madison street, in the City of Portland, County of Multnomah, State of Oregon." Approved August 4, 1893. Expires, 30 years. Owned by the Portland Railway, Light & Power Company.

Ordinance No. 9190, entitled: "An Ordinance granting to the East Side Railway Company, its successors and assigns, certain rights on East Water street, etc." Approved March 22, 1895. Owned by the Portland Railway, Light & Power Company.

Ordinance No. 9291, entitled: "An Ordinance to vacate a portion of Third street between the north line of Glisan street and the north line of Hoyt street, and to authorize the Oregon Railway & Navigation Company, its successors and assigns, to construct upon the part of said Third street so vacated an elevated roadway from Third street, connecting with the upper deck of the steel bridge of said railway crossing the Willamette River." Approved June 6, 1895. Expires, no time. Franchise granted by Section 2. Owned by the Oregon Railroad & Navigation Company.

Ordinance No. 9363, entitled: "An Ordinance authorizing Charles E. Smith, G. Glass and Adolph A. Dekum, or assigns, to construct, maintain and operate a system of street railways in the City of Portland." Approved July 18, 1895. Expires, 30 years. Owner, unknown.

Ordinance No. 9641, entitled: "An Ordinance granting to L. Zimmerman the right to construct, establish and carry on or operate upon his property in the City of Portland, a packing and meat business." Approved February 12, 1896. (Repealed by Ordinance No. 10560.) Approved December 2, 1897. Owned by L. Zimmerman.

Ordinance No. 11086, entitled: "An Ordinance authorizing the placing of a permanent railway track in Upshur street between the westerly line of Fifteenth street to a point 100 feet westerly from the west line of Eighteenth street, in Watson's Addition to the City of Portland, Multnomah County, Oregon." Approved January 9, 1899. Expires, 33 years. Owned by the Northern Pacific Terminal Company.

Ordinance No. 11111, entitled: "An Ordinance authorizing the Oregon Railroad & Navigation Company, its successors and assigns, to lay a railroad track upon certain streets in the City of Portland, and to run cars and locomotives over the same." Approved January 21, 1899. Expires, no time. Owned by the Oregon Railroad & Navigation Company.

Ordinance No. 11270, entitled: "An Ordinance authorizing the Eastern Lumber Company to construct and maintain a side track of standard gauge across Front street and to connect with the track of the Northern Pacific Railroad Company on Sherlock avenue, between Colton and Hull streets." Approved June 28, 1899. Expires, 30 years. Owned by the Northern Pacific Terminal Company.

Ordinance No. 11279, entitled: "An Ordinance to authorize the Oregon & California Railroad Company to construct an embankment in lieu of the existing trestle on East Stark street, East Portland, now City of Portland, and to construct thereunder a tubular culvert for drainage purposes." Approved June 6, 1899. Expires, no time. Owned by Oregon & California Railroad Company. Leased by the Southern Pacific Company.

Ordinance No. 12590, entitled: "An Ordinance granting to the Pacific States Telephone & Telegraph Company, its successors and assigns, the right and privilege to continue to maintain and operate its present telephone and telegraph system, to erect and maintain such additional poles and wires as may be necessary for its telephone and telegraph business and to maintain and operate an underground telephone and telegraph system, for the period of twenty-five years, in, under and upon the streets, alleys, and public highways of the City of Portland, and to repeal all existing franchises and ordinances under which the said Pacific States Telephone & Telegraph Company is now operating or could operate in any part of the City of Portland." Approved February 21, 1902. Expires, 25 years. Owned by Pacific States Telephone & Telegraph Company.

Ordinance No. 13054, entitled: "An Ordinance authorizing the Northern Pacific Terminal Company of Oregon to place a side-track on Front street." Approved November 11, 1902. Expires, no time. Owned by the Northern Pacific Terminal Company.

Ordinance No. 13053, entitled: "An Ordinance granting to the Oregon Water Power & Railway Company, its successors and assigns, the right and privilege to construct and to maintain and operate railways in the City of Portland." Approved November 10, 1902. Expires, 25 years. Owned by the Portland Railway, Light & Power Company.

Ordinance No. 13089, entitled: "An Ordinance granting to Portland Railway Company, its successors and assigns, the right to construct, acquire and own and to maintain, operate and use railways and poles and wires and underground conduits, cables and con-

ductors in the City of Portland, Oregon." Approved November 25, 1902. Expires 31st day of December, 1927. Owned by Portland Railway Company.

Ordinance No. 13113, entitled: "An Ordinance granting to the Oregon Water Power & Railway Company, and its successors and assigns, the right and privilege to construct and to maintain and operate railways in the City of Portland." Approved December 18, 1902. Expires, 25 years. Owned by the Portland Railway, Light & Power Company.

Ordinance No. 13177, entitled: "An Ordinance granting to the City & Suburban Railway Company, its successors and assigns, the right to construct, acquire and own and to maintain and use railways and poles, and wires and underground conduits, cables and conductors in the City of Portland, Oregon." Approved January 13, 1903. Expires 31st day of December, 1932. Owned by the Portland Railway Company.

Ordinance No. 13482, entitled: "An Ordinance granting to Union Market Company, its successors and assigns, the right and privilege to have the use of block 132, in the City of Portland, for a period of 25 years, on which to erect buildings, and to be used exclusively as a market place." Approved August 7, 1903. Expires 25 years. Owned by Peoples' Market Association.

Ordinance No. 13791, entitled: "An Ordinance granting to the Oregon Water Power & Railway Company, a corporation, its successors and assigns, the right to substitute for the street car fenders described in the act of the Legislative Assembly of the State of Oregon, entitled 'An Act to require all individuals, firms, associations, companies and corporations, owning, managing, or operating any street railway, to provide suitable aprons, fenders, or guards on street cars, and providing a penalty for violation thereof.' Approved February 17, 1903, the street car fender hereinafter referred to, and granting said corporation the right to use said substituted street car fender on all cars operated by it in the City of Portland." Approved February 6, 1904.

Ordinance No. 13897, entitled: "An Ordinance granting to the City Messenger & Delivery Company, a corporation, its successors and assigns, the right, franchise and privilege to erect poles and string wires thereon; to construct underground conduits and to lay wires in underground conduits, and to stretch wires along, over, upon and across the streets, avenues, and public places of the City of Portland, Oregon, for the transmission of electric current to be

used solely and exclusively in connection with a messenger system and service and a call-box system; and to establish, maintain and operate a messenger system and service and a system of call-boxes and fixing the compensation to be paid therefor." Approved April 8, 1904. Owned by City Messenger & Delivery Company.

Ordinance No. 14083, entitled: "An Ordinance authorizing the Oregon Water Power & Railway Company, a corporation, to construct and maintain a sentry box at the intersection of Hawthorne Avenue and East First street, City of Portland, Multnomah County, Oregon, and to authorize and require the removal of the sentry box from the place where the same is now located at the intersection of Hawthorne avenue and East First street." Approved July 8, 1904. Owned by the Portland Railway, Light & Power Company.

Ordinance No. 14564, entitled: "An Ordinance granting to the Oregon Traction Company, its successors and assigns, the right to construct, lay down, maintain and operate railways and poles and wires and underground conduits in the City of Portland, Oregon." Owned by the United Railways Company.

Ordinance No. 14699, entitled: "An Ordinance granting to Chas. E. Summer, his successors and assigns, the right, privilege and franchise to erect poles and string wires and cables thereon; to construct underground conduits and manholes and to lay wires and cables in underground conduits and through manholes, and to stretch wires and cables along, over, upon and across streets, alleys, and avenues, and public places of the City of Portland, for the transmission of sounds, signals, conversation and intelligence through and over said wires and cables by means of electricity, and to construct, establish, equip and install a telephone and telegraph system and to conduct a general telephone and telegraph business within the City of Portland, and fixing the compensation to be paid therefor." Owned by the Home Telephone and Telegraph Company.

Ordinance No. 15363, entitled: "An Ordinance granting to the Cascade Power Company, its successors and assigns, for a period of twenty-five years, the right and privilege to erect, construct, maintain and operate an electric light, heat and power system in the City of Portland, Oregon, and the right and privilege to erect poles and stretch wires thereon, and thereover, through, over and upon the streets, alleys and public highways, and to construct underground conduits or pipes with all necessary manholes and other appliances in and under the said streets, alleys and public high-

ways in the City of Portland, for conducting and conveying electricity for light, heat and power, to charge rents and tolls therefor, and to collect the same, and authorizing the said Cascade Power Company to trim shade and ornamental trees in the said streets, alleys and public highways." Owned by the Cascade Power Company.

Ordinance No. 15364, entitled: "An Ordinance granting to the Mount Hood Electric Company, its successors and assigns, for a period of twenty-five years, the right and privilege to erect, construct, maintain and operate an electric light, heat and power system in the City of Portland, and the right and privilege to erect poles, and stretch wires thereon, and thereover, through, over and upon the streets, alleys and public highways, and to construct underground conduits or pipes with all necessary manholes and other appliances in and under the said streets, alleys and public highways in the City of Portland, for conducting and conveying electricity for light, heat and power, to charge rents and tolls therefor, and to collect the same, and authorizing the said Mount Hood Electric Company to trim shade and ornamental trees in the said streets, alleys and public highways, and granting right of way for conduit, canal or flume over and across the northwest quarter of the southwest quarter of section 5, township 2 south, range 5, east of W. M., and to provide for the punishment of those injuring or interfering with its property." Owned by the Mount Hood Electric Company.

Ordinance No. 15427, entitled: "An Ordinance granting to the United Railways Company, its successors and assigns, the right to construct, lay down, maintain and operate railways, poles and wires, and underground conduits in the City of Portland, Oregon." Owned by the United Railways Company.

Ordinance No. 15428, entitled: "An ordinance granting to the Willamette Valley Traction Company, its successors and assigns, the right to construct, lay down, maintain and operate railways, poles and wires and underground conduits in the City of Portland, and to operate cars over certain streets in said City of Portland, in accordance with the provisions of an Ordinance entitled, 'An Ordinance granting to the United Railways Company, its successors and assigns, the right to construct, lay down, maintain and operate railways, poles and wires, and underground conduits in the City of Portland, Oregon.'" Owned by the Willamette Valley Traction Company.

Ordinance No. 16730, entitled: "An Ordinance granting to the Econ-

omy Gas Company, its successors and assigns, the right to construct, acquire, own, maintain, conduct and operate a plant or plants for the manufacture and distribution of gas in the City of Portland, Oregon, to sell gas for domestic and other purposes, and to lay pipes and mains for the purpose of conducting and distributing said gas through, in, and over said city." Owned by the Economy Gas Company.

Respectfully submitted,

A. L. BARBUR,
Auditor of the City of Portland.

REPORT OF

J. E. Werlein, City Treasurer

For the Year Ending December
31, 1907

Balance in treasury December 31, 1906....	\$ 557,523.66	
Balance in New York December 31, 1906....	17,110.00	
Balance in Ladd & Tilton's imp. fund.....	150,173.51	
Received from all sources.....	3,083,108.86	
Disbursed		\$3,107,875.14
Balance in treasury		554,569.55
Balance in New York		17,310.00
Balance in Ladd & Tilton's imp. fund.....		128,161.34
		<hr/>
	\$3,807,916.03	\$3,807,916.03

GENERAL FUND.

Balance as per report Dec. 31, 1906.....	\$ 52,482.78
Received general licenses	387,609.23
Received dog licenses	6,420.00
Received G. J. Cameron, Municipal Judge..	25,192.95
Received F. W. Reed, pound fees.....	1,434.30
Received building permits	5,828.00
Received Chapter III Ordinance	36.00
Received full code	24.00
Received fumigating, M. P. Scollard	134.25
Received death certificates, C. H. Wheeler.	23.50
Received death certificates, Esther C. Pohl.	27.50
Received interest daily balances	14,176.75
Received premium on bonds	7,832.37
Received transfers of liquor licenses	2,730.00
Received Society Circus	1.00
Received blue print	2.50
Received miscellaneous costs	289.10
Received plumbers' examinations, W. Hey.	190.00

Received costs engineering, T. C. Devlin, Auditor	20,016.33
Received costs engineering, A. L. Barbur, Auditor	18,910.17
Received costs engineering, W. W. Banks..	30.00
Received rent, Multnomah County	765.00
Received rent, H. S. Allen	480.00
Received rent, National Ass'n Engineers..	140.00
Received delinquent taxes sundry years...	695.88
Received sacks sold, A. Donaldson	227.85
Received certified copies	90.75
Received quit claim deeds	15.70
Received sale of junk, A. L. Barbur, Auditor	1,009.35
Received rebate insurance policy	1.70
Received rebate, Ellis G. Hughes	522.25
Received refund warrant, W. P. Hiatt	1.00
Received refund warrant, Esther C. Pohl..	330.00
Received refund warrant, O. & W. Lbr. Co.	164.49
Received hides sold, C. H. Daggett.....	9.25
Received signs	25.00
Received use of road roller	51.90
Received Harbor Master, B. F. Smith.....	3.50
Received license tags	4.50
Received franchise, Portland General Elec- tric Co.	1,000.00
Received franchise, Pacific States Tel. & Tel. Co.	1,000.00
Received franchise, City Messenger Co....	100.00
Received franchise, Oregon Traction Co...	500.00
Received franchise, People's Market Ass'n.	1,100.00
Received franchise, Portland Railway Co..	4,500.00
Received deed, Mary P. Montgomery	100.00
Received removing dead animals	135.00
Received junk sold to Pacific Hardware & Steel Co.	3.52
Transferred from Park fund	2,500.00
Transferred from Lighting fund	7,000.00
Transferred from Police Department fund..	3,000.00
Transferred from Albina Ferry fund	119.85
Transferred from Street Improvement fund	230.80
Transferred from Sewer fund	477.40
Transferred from Park Concert fund	6.29
Portland Railway, Light & Power Co., repair bridges	180.66

Transferred to Police Department fund....	\$ 3,000.00	
Transferred to Fire Department fund.....	2,483.00	
Transferred to Lighting fund	12,000.00	
Transferred to Park fund	2,500.00	
Transferred to Redemption fund	1,694.52	
Transferred to Street Improvement fund...	2,883.79	
Transferred to Street and Sewer Int. fund.	5,000.00	
Transferred to Street Extension fund	35.85	
Transferred to Imp. Bond Interest fund....	8,000.00	
Transferred to Bonded Ind. Int. fund	9,000.00	
Transferred to Street Repair fund	5,500.00	
Transferred to Sewer fund	37.35	
Warrants paid and returned	350,435.25	
Balance	167,312.61	
	<u>\$ 569,882.37</u>	<u>\$ 569,882.37</u>

FIRE DEPARTMENT FUND.

Balance as per report Dec. 31, 1906.....		\$ 76,415.95
Transferred from General fund		2,483.00
Transferred from Fire Boat fund		272.42
Rebate on Fire Engine		430.00
Rebate on Cable		95.96
Received taxes, J. N. Lewis, Co. Treasurer.		360,055.57
Warrants paid and returned	\$ 355,611.94	
Balance	84,140.96	
	<u>\$ 439,752.90</u>	<u>\$ 439,752.90</u>

POLICE DEPARTMENT FUND.

Balance as per report Dec. 31, 1906.....		\$ 18,764.66
Transferred from General fund		3,000.00
Received taxes, J. M. Lewis, Co. Treasurer.		172,035.56
Transferred to General fund	\$ 3,000.00	
Warrants paid and returned	142,630.09	
Balance	48,170.13	
	<u>\$ 193,800.22</u>	<u>\$ 193,800.22</u>

STREET REPAIR FUND.

Balance as per report Dec. 31, 1906.....		\$ 6,826.64
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Received taxes, J. M. Lewis, Co. Treasurer.		47,985.92
Received vehicle licenses		30,712.35
Received sale of bonds		478.09
Received repair sidewalks		1,176.37
Transferred from General fund		5,500.00
Warrants paid and returned	\$ 82,503.44	
Balance	10,175.93	
	<u>\$ 92,679.37</u>	<u>\$ 92,679.37</u>

BONDED INDEBTEDNESS INTEREST FUND.

Balance as per report Dec. 31, 1906.....		\$ 26,457.76
Received taxes, J. M. Lewis, Co. Treasurer.		103,981.27
Received rent, Morrison Street bridge		13,288.08
Transferred from Water fund		15,000.00
Transferred from Sellwood Ferry fund....		128.83
Transferred from General fund		9,000.00
Transferred to N. Y. Blair & Co.....	\$ 600.00	
Transferred to N. W. Harris & Co.....	15,000.00	
Transferred to Chase National Bank	3,000.00	
Transferred to Chemical National Bank...	33,400.00	
Warrants paid and returned	124.00	
Coupons paid and returned	89,180.00	
Balance	26,552.04	
	<u>\$ 167,856.04</u>	<u>\$ 167,856.04</u>

BONDED INDEBTEDNESS INTEREST FUND, N. Y. ACCOUNT.

(New York Account.)

Balance N. Y., Chase Nat'l Bank, Jan. 31, 1906		\$ 30.00
Balance N. Y., Chemical Nat'l Bank, Jan. 31, 1906		16,750.00
Balance N. Y., N. W. Harris & Co.....		330.00
Transferred to N. Y., Chase Nat'l Bank...		3,000.00
Transferred to N. Y., Chemical Nat'l Bank		33,400.00
Transferred to N. Y., N. W. Harris & Co..		15,000.00
Transferred to N. Y., Blair & Co.....		600.00
Coupons paid and returned, Chase National Bank	\$ 2,910.00	
Coupons paid and returned, Chemical National Bank	33,350.00	

Coupons paid and returned, N. W. Harris & Co.	14,940.00	
Coupons paid and returned, Blair & Co.	600.00	
Balance N. Y., Chase Nat'l Bank	120.00	
Balance N. Y., Chemical Nat'l Bank	16,800.00	
Balance N. Y., N. W. Harris & Co.	390.00	
	<hr/>	
	\$ 69,110.00	\$ 69,110.00

LIGHTING FUND.

Balance as per report Dec. 31, 1906		\$ 6,983.59
Received taxes, J. M. Lewis, Co. Treasurer.		80,048.83
Transferred from General fund		12,000.00
Transferred to General fund	\$ 7,000.00	
Warrants paid and returned	83,052.37	
Balance	8,980.05	
	<hr/>	
	\$ 99,032.42	\$ 99,032.42

FIRE BOAT FUND.

Balance as per report Dec. 31, 1906		\$ 263.40
Received taxes, J. M. Lewis, Co. Treasurer.		9.02
Transferred to Fire Department fund	\$ 272.42	
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	\$ 272.42	\$ 272.42

WATER BOND INTEREST FUND.

Balance as per report Dec. 31, 1906		\$ 73,775.00
Transferred from Water fund		145,000.00
Coupons paid and returned	\$ 145,950.00	
Balance	72,825.00	
	<hr/>	
	\$ 218,775.00	\$ 218,775.00

ALBINA FERRY FUND.

Balance as per report Dec. 31, 1906		\$ 119.85
Transferred to General fund	\$ 119.85	

STREET IMPROVEMENT FUND.

Balance as per report Dec. 31, 1906		\$ 16,852.87
Transferred from General fund		2,883.79

Received from assessments		652,111.63
Transferred to Street Repair fund, sale of bonds	\$ 378.69	
Transferred sundry funds to General fund ..	230.80	
Warrants paid and returned	636,046.67	
Balance	35,192.13	
	<hr/>	
	\$ 671,848.29	\$ 671,848.29

SEWER FUND.

Balance as per report Dec. 31, 1906		\$ 2,151.88
Transferred from General fund		37.35
Received from assessments		195,772.73
Transferred sundry sewer funds to General fund	\$ 477.40	
Warrants paid and returned	195,524.42	
Balance	1,960.14	
	<hr/>	
	\$ 197,961.96	\$ 197,961.96

STREET EXTENSION FUND.

Balance as per report Dec. 31, 1906		\$ 32,914.38
Transferred from General fund		35.85
Received assessments		30,977.60
Warrants paid and returned	\$ 59,870.91	
Balance	4,056.92	
	<hr/>	
	\$ 63,927.83	\$ 63,927.83

STREET AND SEWER INTEREST FUND.

Balance as per report Dec. 31, 1906		\$ 879.91
Transferred from General fund		5,000.00
Received from collections		5,574.30
Warrants paid and returned	\$ 9,414.08	
Balance	2,040.13	
	<hr/>	
	\$ 11,454.21	\$ 11,454.21

IMPROVEMENT FUND.

Balance as per report Dec. 31, 1906		\$ 1,280.92
Received sundry collections		15,758.72

Transferred from Ladd & Tilton, Improvement Fund account		25,812.17	
Transferred to Ladd & Tilton, Improvement Fund account	\$	3,800.00	
Bond redeemed and returned		37,431.92	
Balance		1,619.89	
	\$	42,851.81	\$ 42,851.81

LADD & TILTON IMPROVEMENT FUND ACCOUNT.

Balance as per report Dec. 31, 1906.....		\$ 150,173.51	
Transferred from Imp. Fund account		3,800.00	
Transferred to Imp. Fund account	\$	25,812.17	
Balance		128,161.34	
	\$	153,973.51	\$ 153,973.51

IMPROVEMENT BOND INTEREST FUND.

Balance as per report Dec. 31, 1906.....		\$ 11,653.17	
Received interest bonded assessments.....		29,597.80	
Transferred from General fund		8,000.00	
Coupons redeemed and returned	\$	43,418.96	
Balance		5,832.01	
	\$	49,250.97	\$ 49,250.97

IMPROVEMENT BOND SINKING FUND.

Balance as per report Dec. 31, 1906.....		\$ 91,901.51	
Received bonded assessments		123,011.72	
Bonds redeemed and returned	\$	190,724.39	
Balance		24,188.84	
	\$	214,913.23	\$ 214,913.23

WATER FUND.

Balance as per report Dec. 31, 1906.....		\$ 94,310.83	
Received collections, F. T. Dodge, Supt....		528,031.10	
Received refund warrant .....		.50	
Transferred to Water Bond Int. fund.....	\$	145,000.00	
Transferred to Bond Indbt. Int. fund.....		15,000.00	
Warrants paid and returned		421,398.25	

Balance		40,944.18	
	\$	622,342.43	\$ 622,342.43

WATER BOND SINKING FUND.

Balance as per report Dec. 31, 1906.....		\$ 30,570.75	
Received interest on bonds		2,835.00	
Received collections, F. T. Dodge, Supt....		30,555.00	
Warrants paid and returned	\$	63,949.71	
Balance		11.04	
	\$	63,960.75	\$ 63,960.75

SPECIAL BRIDGE FUND.

Balance as per report Dec. 31, 1906.....		\$ 528.74	
Received taxes, J. M. Lewis, Co. Treasurer.		80,097.41	
Warrants paid and returned	\$	78,061.54	
Interest paid and returned		2,092.10	
Balance		472.51	
	\$	80,626.15	\$ 80,626.15

POLICE AND FIRE DEPARTMENT RELIEF FUND.

Balance as per report Dec. 31, 1906.....		\$ 3,951.99	
Received sundry collections		3,309.22	
Received sundry donations		250.00	
Received filling tanks on steamers		30.00	
Warrants paid and returned	\$	2,408.82	
Balance		5,132.39	
	\$	7,541.21	\$ 7,541.21

PARK FUND.

Balance as per report Dec. 31, 1906.....		\$ 3,933.28	
Received taxes, J. M. Lewis, Co. Treasurer.		47,961.91	
Received sale guinea pigs		6.25	
Received Swetland candy privilege		253.00	
Transferred from General fund		2,500.00	
Transferred to General fund	\$	2,500.00	
Warrants paid and returned		41,273.52	
Balance		10,880.92	
	\$	54,654.44	\$ 54,654.44

PARK CONCERT FUND.

Balance as per report Dec. 31, 1906.....		\$	258.49
Warrants paid and returned	\$	252.20	
Transferred to General fund		6.29	
	\$	258.49	\$ 258.49

BILL POSTING BADGE FUND.

Balance as per report Dec. 31, 1906.....		\$	63.00
Received for badges			32.00
Badges redeemed and returned	\$	10.00	
Balance		85.00	
	\$	95.00	\$ 95.00

LIBRARY FUND.

Received taxes, J. M. Lewis, Co. Treasurer.		\$	19,999.40
Warrants paid and returned	\$	19,999.40	

REDEMPTION FUND.

Balance as per report Dec. 31, 1906.....		\$	131.97
Rec'd collections from T. C. Devlin, Auditor			2,301.20
Rec'd collections from A. L. Barbur, Auditor			658.69
Transferred from General fund			1,694.52
Warrants paid and returned	\$	4,711.16	
Balance		75.22	
	\$	4,786.38	\$ 4,786.38

SELLWOOD FERRY FUND.

Balance as per report Dec. 31, 1906.....		\$	128.83
Transferred to bonded indebtedness interest fund	\$	128.83	

GENERAL FUND REDEMPTION OF WARRANTS.

Balance as per report Dec. 31, 1906.....		\$	2,889.53
Balance	\$	2,889.53	

CASCADE POWER COMPANY DEPOSIT FUND.

Balance as per report Dec. 31, 1906.....		\$	1,000.00
Balance	\$	1,000.00	

MT. HOOD ELECTRIC COMPANY.

Improvement Bonds Nos. 2288-2286 of the denomination of \$500 each, deposited as indemnity under Section 5, Ordinance No. 15364	\$	1,000.00
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FUND REPAIR STREETS AND BRIDGES.

Balance as per report Dec. 31, 1906.....	\$	31.98
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SUMMARY.

Balance in Treasury	\$	554,569.55
Balance in New York		17,310.00
Balance in Ladd & Tilton Imp. Fund.....		128,161.34
Credited as follows:		
General fund	\$	167,312.61
Fire Department fund		84,140.96
Police Department fund		48,170.13
Street Repair fund		10,175.93
Bonded Indebtedness Interest fund, treasury		26,552.04
Bonded Indebtedness Interest fund, Chase National Bank		120.00
Bonded Indebtedness Interest fund, Chemical National Bank		16,800.00
Bonded Indebtedness Interest fund, N. W. Harris & Co.		390.00
Lighting fund		8,980.05
Fund Repair Streets and Bridges		31.98
Water Bond Interest fund		72,825.00
Street Improvement fund		35,193.13
Sewer fund		1,960.14
Street Extension fund		4,056.92
Street and Sewer Interest fund		2,040.13
Improvement fund, treasury		1,619.89
Improvement fund, Ladd & Tilton		128,161.34
Improvement Bond Interest fund		5,832.01
Improvement Bond Sinking fund		24,188.84
Water fund		40,944.18
Water Bond Sinking fund		11.04
Special Bridge fund		472.51
Police and Fire Department Relief fund....		5,132.39
Park fund		10,880.92
Bill Posting Badge fund		85.00

Dedemption fund	75.22
General fund, redemption of warrants.....	2,889.53
Cascade Power Company	1,000.00
	\$ 700,040.89
	\$ 700,040.89

STREET IMPROVEMENT FUND.

Balance as stated	\$ 25,192.13
Credited as follows:	
M street, Fourth to Twelfth	\$ 43.16
Clinton street, Twelfth to Twenty-first....	62.73
Chapman street, Jefferson to Taylor	35.05
Front street, Gaines to First avenue.....	18.55
Hood street, Sheridan to Curry.....	6.05
Taylor street, Tenth to Fourteenth.....	1.41
Second street, Sheridan to Gibbs.....	63.15
Twenty-second street, J to P.....	22.66
Multnomah street, Grover to Curry.....	9.10
Twenty-fourth street East, formerly "A"...	29.96
Eighth street East, Ainsworth to Dekum...	15.25
Tacoma avenue	50.00
Umatilla avenue	471.23
Morrison street, Front to Chapman.....	6.57
Cable street, Mill to Terrace road.....	171.75
Grand avenue, Clay to Stark.....	2.36
Clinton street, E. 21st to E. 26th.....	21.92
Belmont street, Water to E. 34th.....	12.00
Going street, Union avenue to Highland....	57.25
Fourth street, Burnside to Glisan.....	23.60
Grand avenue, Clay to Grant.....	1.47
Columbia street, Third to Water.....	2.26
Goldsmith street, 329 ft. to 802 ft. S. of Page	.50
Grand avenue, Grant to Caruthers.....	8.63
Elm street	7.00
First street, 100 ft. N. to 100 ft. S. of Grover	2.75
Front street, Woods to Grover.....	2.75
Corbett street, 100 ft. N. of to 30 ft. S. of	
Pennoyer	11.96
Jefferson street, Sixteenth to Park	6.15
Front street, Madison to Burnside.....	5.94
Corbett street, Hood to Bancroft.....	246.11
Davis street, Twelfth to Fourteenth.....	2.90

Union avenue, 12 ft. S. to 121 ft. N. of Broad-	
way	40.47
Front street, 150 ft. N. to 70 ft. S. of Lane.	40.63
Seventeenth street, 60 ft. S. to 254 ft. N. of	
Vaughn	24.71
Rodney avenue, Hancock to Knott.....	62.42
Stark street, Seventh to Twelfth.....	7.00
Front street, Quimby to 404 ft. S. of.....	36.33
Hancock street, 200 ft. E. 17th to 15th.....	1.41
Eleventh street E., Belmont to Glisan.....	9.03
Alley blocks 2, 3, 4, Commercial to Albina	
avenue	23.16
Burnside street E., Eighth to Twenty-eighth	106.93
First street, Madison to Stark.....	.28
Clackamas street, E. 15th to E. 24th.....	2.60
Nineteenth street E., Multnomah to Wiedler	136.79
Sherman street, Sixth to 300 ft. W. of.....	.16
Salmon street E., Fifteenth to Thirty-third.	71.78
Washington street, Burnside to City Park..	9.48
Third street, Main to Glisan.....	16.99
Front street, Arthur to Seymour.....	1.56
Overton street, Twelfth to Twenty-fifth....	56.01
Arthur street, Hood to First.....	9.45
Fourth street, Burnside to Glisan.....	79.17
Curry street, Multnomah to Second.....	2.40
Karl street, Milwaukie to E. Twentieth....	161.59
Union avenue, Alberta to Love D. L. C....	66.41
Mississippi avenue, Morris to Prescott.....	3.18
Twenty-second street E., Dunn's Add. to E.	
Burnside .....	.30
Albina avenue, Page to river.....	331.24
Union avenue, Belmont to Hawthorne ave.	634.97
Pine street, Front to Sixth.....	11.25
Peninsular avenue, Pippin to Columbia Blvd.	11.21
Hood st., Marquam Gulch bridge to Grover	353.00
Main street, Front to Fourteenth.....	9.42
Twenty-fourth st. E., Multnomah to Halsey	18.63
Falling street, Williams to Union avenue..	77.01
First street, Madison to Columbia.....	3.27
Tenth street, Washington to Front.....	546.40
Corbett street, Hood to Seymour.....	122.86
Shaver street, Union avenue to E. Twelfth	40.24
Stark st. E., center line of E. 9th to E. 9th	4.94

Washington st. E., Union ave. to E. Water	.30
Williams avenue, McMillan to Morris.....	69.57
Alder street E., Union avenue to E. Tenth.	12.32
Hood street fill	22.98
Front street fill at Lane	22.69
Corbett street fill at Pennoyer	29.62
First street fill at Grover	22.20
Front street fill at Wood	94.07
Corbett street north of Grover.....	5.73
First st., N. line of Alder to S. line of Alder	18.49
Sixteenth street, Washington to Thurman..	75.65
Water street E., Morrison to Oak.....	18.58
Mallory avenue, Mason to Going.....	.24
Hancock street, E. 24th to County road....	64.72
Twentieth street E., Hawthorne avenue to E. Yamhill .....	.01
Wiedler street, E. 1st to E. 21st.....	92.01
Second street, Morrison to Glisan.....	3.96
Lane street, Russell to Page.....	26.12
Brooklyn street, E. Tenth to Milwaukie....	3.16
Holladay avenue, Larrabee to E. Twelfth...	85.82
Thirtieth st. E., Hawthorne av. to E. Salmon	.07
Colfax street, Union avenue to Garfield...	1.48
Twentieth street E.	84.84
Portsmouth avenue, Monta to Bluff	184.98
Sellwood street, Borthwick to Delay.....	128.24
Seventeenth street, Elizabeth to Clifton...	1,352.82
Glisan street E., Union avenue to E. Second	126.89
Sixteenth street, College to Davenport....	1,084.34
First street, Columbia to Sheridan.....	442.96
Grand avenue, Failing to Shaver.....	134.76
Yamhill street E., Twelfth to Fourteenth..	157.19
Page street, Williams to Commercial.....	395.45
Twelfth street E., Belmont to Yamhill....	24.50
Nineteenth street E., Hawthorne avenue to E. Salmon	116.93
Dupont street, Ross to Larrabee.....	87.48
Ankeny street E., E. 24th and Buchtel ave.	469.64
Seventh street E., Alder to Hawthorne ave.	558.97
Nehalem street, E. Ninth to E. Nineteenth.	100.69
Salmon street E., Union avenue to E. 12th.	398.67
Ash street E., E. 22d to E. 28th.....	325.53
Going street, Williams avenue to Union ave.	19.87

Wasco street, E. 24th to E. 28th.....	102.96
Seventeenth street, Clifton to Jackson....	19.41
Montana avenue, Portland boulevard to Ray- mond avenue	281.42
Montana avenue, Killingsworth to N. Albina	117.80
Simpson street, Kerby to W. Piedmont....	17.77
Kerby street, Killingsworth to W. Piedmont	66.20
Dawson st., Columbia Park to McKenna ave	1.66
Thirteenth street E., Failing to Prescott..	112.57
Burnside street, Sixth to Washington.....	618.34
Seventeenth street E., Nehalem to Linn...	197.72
Cherry street, Larrabee to Wheeler.....	318.37
Sixth street E., Everett to Oak.....	38.09
Second street, Morrison to Madison.....	383.25
Sixth street E., Failing to Beech.....	25.41
Villard street, Willamette to Portland blvd.	73.69
Missouri avenue, Killingsworth to N. Albina	9.35
Ellis avenue, Milwaukie to Midway.....	96.25
Commercial street, Russell to Page.....	154.60
Alberta avenue, Union avenue to E. 14th...	367.12
Durham avenue, r. of w. Port. Ry. Co. to Riggin street	37.50
Mallory avenue, Fremont to Failing.....	122.45
First street, E. Holladay to Pacific.....	73.23
Seventeenth st. E., Tillamook to Broadway	1,085.64
Santa Monica, Union avenue to E. line of Alberta	178.71
Union avenue, Oak to Belmont.....	563.47
Hodge street, Dawson to Houghton.....	115.13
Smith street, E. 20th to E. line Smith's Add.	138.00
Jarrett street, Kelly to W. Piedmont.....	18.68
Jessup street, Kelly to W. Piedmont.....	19.70
Church street, Kelly to W. Piedmont.....	28.26
Fiske street, Dawson to Trenton.....	289.78
Yamhill street E., Union ave. to E. 8th....	1,254.05
Beech street, Union ave. to Mississippi ave.	813.23
Rodney avenue, Morris to Tremont.....	1,980.19
Lincoln street E., Marguerite to Prettyman	277.80
Michigan avenue, Killingsworth to N. Albina	80.57
Grand avenue, Morrison to Belmont.....	11.36
Dakota street	184.38
Twenty-seventh street E., Logan's Add. to Wynkoop Villa	99.84

Linn avenue, E. 13th to E. 19th.....	77.48
Twenty-fifth street, Johnson to Savier.....	370.44
Emerson street, Congress to Patton avenue	57.58
Jessup street, Patton to Michigan.....	23.55
Flanders street E., 28th to 27th.....	77.67
California street, Macadam	80.40
Thirty-fourth street E., Dawson to Clinton.	52.54
Madison street E., E. 37th to Prettyman ave.	737.59
Jarrett street, Patton to Havelock.....	438.69
Taylor street E., Grand avenue to E. 9th..	4,356.50
Yamhill street E., E. 20th to E. 33d.....	609.02
Habersham West ½, Denver to Ellsworth..	27.79
Trinity place, Washington to Everett.....	207.90
Oneonta street, Dekum to Columbia blvd..	87.05
Hoyt street E., E. 28th to E. 29th.....	25.99
Fourteenth street, Burnside to Savier.....	88.63
Misner street, Base Line to Villa avenue..	34.91
Virginia street, Nevada to Dakota.....	113.51
Russell street, Williams to Union avenue..	234.02
Knott street, Vancouver to Delay.....	627.41
Lexington street, E. 13th to Milwaukie road	159.55
McMillen street, Crosby to Williams.....	68.23
Knott street, Vancouver to Williams.....	108.08
Ninth street E., Hawthorne ave. to Division	17.91
Stanton street, Williams to Delay.....	72.92
Twenty-third street E., Salmon to Belmont.	12.93
Ankeny street, Front to Third.....	82.06
Eighth street E., Hawthorne ave. to Belmont	912.56
Clinton street, Milwaukie to E. Twelfth...	40.42
Denver street, Killingsworth to Portland	
boulevard	67.39
Frances avenue, Belmont to Base Line road	180.49
Sixth street E., Washington to Sherman..	3,345.57
	\$ 35,192.13
	\$ 35,192.13

SEWER FUND.

Balance as stated	\$ 1,960.14
Credited as follows:	
Whitaker street	\$ 1.05
Portland Heights	48.23
Cook avenue district	37.19
Williams avenue, Alberta to Fremont.....	5.60

Tanner Creek	174.70
Main street et al.	25.00
Union avenue, Alberta to Wygant.....	25.00
Cleveland avenue, Alberta to Beech.....	25.00
Larrabee street, Dupont to Hancock.....	1.20
Madison street E., E. 28th to Pleasant View	
Add.	30.86
Ross street, Dixon to Hancock.....	.02
Florida street, Virginia to Macadam.....	239.05
Garfield avenue, Alberta to Beech.....	1.30
Belmont street, Myrtle avenue to Prettyman	32.45
Taylor street E., E. 28th to E. 39th.....	14.25
Tenth street E., Failing to Fremont.....	36.90
Eleventh street E., Failing to Fremont....	60.60
Albina avenue, Alberta to Humbolt.....	15.40
Taylor street E., 100 ft. E. Grand ave. to	
E. 8th	47.60
Mississippi avenue, Blandena to Prescott...	14.05
Ash st. E., 201 ft. E. of E. 28th to 185 ft. E. of	13.95
Oliver avenue and "P" street.....	44.55
Margin and Cherry streets.....	17.00
Nineteenth st. E., Thompson to Tillamook.	22.50
Michigan avenue, Fremont to Cook avenue	19.80
Michigan avenue, Prescott to	25.70
Seventeenth st. E., Tillamook to Hancock..	104.40
Dover street, 175 ft. N. of to York street...	13.15
Minnesota and Cook aves., Fremont to Mis-	
souri	15.00
Eleventh street E., Hoyt to Davis.....	33.80
Elizabeth st., 150 ft. N. of Davenport to 16th	24.65
Irvington district	101.74
Beech and E. Ninth et al.	626.35
Beech and E. 12th and E. 14th et al.....	62.10
	\$ 1,960.14
	\$ 1,960.14

STREET EXTENSION FUND.

Balance as stated	\$ 4,056.92
Credited as follows:	
Heights Terrace	\$ 10.00
Burnside street E. ....	.50
Clinton street	23.00
Fifteenth street, Terminal block to Front..	14.40

St. Helens road	110.15
Sixteenth street, Upshur to Front.....	7.75
Peninsular avenue, Baldwin to Willis.....	39.00
Nevada street	4.00
Union avenue	3.74
Clinton street, 36th to 37th	155.68
Fifteenth street E., Belmont to Yamhill....	14.00
Elsmere avenue, Hawthorne to Division....	16.00
Dekum ave., Camden to Vancouver Co. road	14.00
Twenty-ninth st. E., Broadway to Tillamook	71.65
Twenty-sixth st. E., Hawthorne av. to Dolan	299.00
Seventeenth st. E., E. Taylor to Brown's add.	172.00
Francis avenue, E. line Block 11 to W. line	
Block 1, Kenilworth	22.00
Belmont street	427.75
Emerald street, Pippin to Willis.....	44.10
Dekum ave., Camden to Vancouver Co. road	500.80
Sixteenth street E., Highland to Howe.....	84.50
Crown avenue, Alpin to Davenport.....	670.40
Burrage street, Pippin to Farragut.....	34.09
Thirteenth street E., Beacon to Frederick.	36.00
Orange ave., Paradise Springs to Myrtle ave.	629.00
Virginia street	79.00
Rhine street, E. 11th to E. 10th.....	218.08
Nineteenth street E., Powell to Edgar.....	356.33
	\$ 4,056.92
	\$ 4,056.92

Respectfully submitted,

J. E. WERLEIN,
City Treasurer.

ANNUAL REPORT

—OF—

City Engineer

To the Honorable Mayor and Council of the City of Portland.

Gentlemen: I have the honor to herewith submit for your examination my report of the work carried out and money expended by and under the direction of the Engineering Department for the year ending December 31st, 1907.

The area of the city is the same as it was at the time of filing my last annual report, being 44 square miles, divided as follows:

West Side	6,920 acres
East Side	19,822 acres
Willamette River between harbor lines.....	1,394 acres

28,136 acres

The amount of street work constructed is considerably in excess of that of the preceding year, the cost of work executed under provisions of city ordinances being \$897,485.00.

The improvements are also of a more permanent character.

Front Street, on the west side of the river, which is subject to exceptionally heavy traffic, has had for a good many years a stone block pavement laid on a sand cushion.

The blocks had settled down in many places, especially where there were sewer, gas and water mains, the edges of the blocks had also become very much rounded, so that it made teaming on this street exceptionally hard.

During the past year the greater part of this street was improved

by taking up, redressing and relaying the blocks on a concrete foundation, and we now have one mile of stone block pavement well laid and satisfactory in every way.

There have also been put down 22,000 square yards of bitulithic pavement, totalling 3 1-7 miles.

Also 62,500 square yards of asphalt pavement, 3 $\frac{3}{4}$ miles.

Nearly all of the latter being laid down in Ladd's Addition by private contract and under permit granted by the Council.

During the past year 83,000 lineal feet of sewer has been completed at a cost of nearly \$93,000, the length being 13,500 feet in excess of the amount constructed last year, while the cost is less than one-half.

This difference is owing to the fact that the sewers completed and accepted are practically all pipe sewers.

There is quite a large portion of the Brooklyn sewer already finished, but none of it can be credited to this year's work, as the entire sewer will probably not be finished until some time during the coming summer.

BRIDGES.

Plans were prepared for a steel bridge on Union Avenue across Sullivan Gulch, said bridge to be 408 feet long and 60 feet wide, estimated cost \$66,000.00.

This is now being advertised for proposals. Also for a reinforced concrete bridge on East Twenty-eighth Street, across Sullivan Gulch, 558 feet long, 60 feet wide, estimated cost \$80,000.00.

Bids are now being considered for the same.

During the past year a steel bridge was completed by the International Contract Company, of Seattle, on Grand Avenue, across Sullivan Gulch, at a total cost of \$63,501.27.

This bridge is 350 feet long, 64 feet wide, and is furnished with an asphalt pavement on the roadway.

It is also provided with double street car tracks, and the Portland Railway Company now operate cars regularly over the same.

On January 1, 1907, there were in operation 618 arc lights on the West Side of the river and 603 on the East Side; also 1291 incandescents. At the present time there are 674 arc lights on the West Side, and 725 on the East Side, and 1394 incandescents.

I herewith transmit tables and statements giving in detail the various kinds and quantities of street and sewer work executed, together with a statement relating to the expenditure of money appropriated by the Council for the use of this Department.

Very respectfully,

D. W. TAYLOR,
City Engineer.

STREET WORK DONE DURING 1907

Number	Name of Street	Date of Estimate	No. of Ord.
1	Ankeny street	September 3, 1906	15876
2	Ash street, East	January 31, 1906	15306
3	Alberta street	June 22, 1906	15596
4	Ankeny street, East	November 13, 1905	15058
5	Benton street	February 24, 1906	15304
6	Blandena street	February 20, 1907	16390
7	Belmont street	June 14, 1906	15612
8	Brazeo street	July 12, 1906	15657
9	Beech street	June 12, 1906	15605
10	Burnside street	May 21, 1906	15513
11	Clinton street	January 5, 1907	16261
12	Commercial street	October 10, 1906	15930
13	Church street	October 1, 1906	15934
14	California street	October 6, 1906	15959
15	Church street	September 20, 1906	15935
16	Commercial street	June 22, 1906	15593
17	Dekum avenue	September 14, 1906	15882
18	Durham avenue	April 14, 1906	15393
19	Denver avenue	August 2, 1906	15746
20	Dakota street	October 6, 1906	15960
21	Dawson street	June 6, 1906	15904
22	Dupont street	June 14, 1906	15601
23	Cherry street	March 31, 1906	15404
24	Eighth street, East	October 2, 1906	15944
25	Ella street	June 14, 1907	16739
26	Emerson street	August 2, 1906	15739
27	Ellis avenue	August 17, 1906	15786
28	Eighteenth street, East	October 1, 1906	15937
29	Francis avenue	October 19, 1906	16073
30	Fiske street	January 8, 1907	16291
31	Fourteenth street	October 1, 1906	15958
32	First street	April 18, 1906	15450
33	Goldsmith street	March 28, 1906	15394
34	First street, East	July 30, 1906	15682
35	Flanders street, East	February 6, 1907	16256
36	Going street	August 2, 1906	15731
37	Grand avenue	April 28, 1906	15448
38	Habersham avenue (west half)	August 18, 1906	15789
39	Hoyt street, East	October 19, 1906	16026
40	Hawthorne avenue	March 24, 1906	15495

STREET WORK DONE DURING 1907—Continued

EXTENT OF IMPROVEMENT.
From w. line Front st. to e. line 3rd st.
From e. line E. 22d st. to w. line E. 28th st.
From e. line Union av. to e. line E. 14th st.
From e. line E. 24th st. to w. line Buchtel av.
From s. e. line Dupont st. to n. w. line Clackamas st.
From w. line Michigan av. to e. line Patton av.
From e. line Union av. to e. line E. Eighth st.
From e. line Union av. to e. line Albina.
From w. line Union av. to e. line Mississippi av.
From w. line 6th st. to n. e. line Washington st.
From e. line Milwaukie st. to w. line E. 12th st.
From s. line Russell st. to n. line Page st.
From e. line Patton av. to e. line Michigan av.
From w. line Macadam st. to 310 ft. w. of w. line Virginia st.
From e. line Kerby st. to e. line W. Piedmont.
From s. line Stanton st. to n. line Russell st.
From w. line Piedmont Park to w. line Columbia Heights.
From s. e. line of r. of w. P. Ry. Co. to n. line of Rigger st.
From n. line Killingsworth av. to s. line Portland Boul.
From w. line Macadam st. to e. line Wisconsin st.
From s. line of Columbia Park to s. e. line of McKenna av.
From w. line of Ross st. to e. line of Larrabee st.
From e. line of Larrabee st. to w. line of Wheeler st.
From n. l. of Hawthorne av. to a point 30 ft. no. of n. l. of Belmont st.
From s. line of Washington st. to n. line of Yamhill st.
From w. line of Congress st. to e. line of Patton av.
From e. line of Milwaukie av. to e. line Midway.
From n. line of E. Morrison st. to s. line of E. Stark st.
From n. line of Belmont st. to s. line of Base Line road.
From n. line of Dawson st. to s. line of Trenton st.
From n. line of Burnside st. to s. line of Savier st.
From s. l. Columbia st. to n. end of bridge bet. Sheridan and Arthur sts.
Bet. pt. 304 ft. and 778 ft. n. intersec. center l. Goldsmith and Larrabee.
From s. line of Holladay av. to n. line of Pacific st.
From w. line of E. 28th st. to pt. 131 ft w. of w. line of E. 27th st.
From w. line of Williams av. to e. line of Vancouver av.
From c. line of E. Morrison st. to center line of Belmont st.
From s. line of Division st. to s. line of Ellsworth st.
From e. line of E. 28th st. to w. line of E. 29th st.
From e. line of E. Water st. to e. line of E. 3d st.

STREET WORK DONE DURING 1907—Continued

Number	Name of Street	Cubic Yard			
		Exc.	Emb.	Gravel	Macadam
1	Ankeny street				
2	Ash street, East	4808	8586	1308.0	
3	Alberta street	6061	15	1848.2	
4	Ankeny street, East	230	4473	493.2	
5	Benton street	4236	51		2007.6
6	Blandena street	6859	1239		
7	Belmont street	793	783		1041.2
8	Brazeo street	828	19	783.4	
9	Beech street	3657	6	4104.6	
10	Burusside street	700	1		
11	Clinton street	124	10	154.5	
12	Commercial street	6696	5313		
13	Church street	1557	2		
14	California street	2770	277		
15	Church street	928	284		
16	Commercial street	197	47		391.8
17	Dekum avenue	16530	595		
18	Durham avenue	6841	202		
19	Denver avenue	6419	394		
20	Dakota street	2576	27		
21	Dawson street	12409	383		
22	Dupont street	401			265.8
23	Cherry street	341	66		639.2
24	Eighth street, east	48	49		472.4
25	Ella street	1138			
26	Emerson street	2789	4149		
27	Ellis avenue	2328	64		
28	Eighteenth street, east	469	37		755.8
29	Francis avenue	3523	2772	575.9	
30	Fiske street	4985	253		
31	Fourteenth street	40	131		1065.5
32	First street	617			
33	Goldsmith street		74154		526.3
34	First street, east	796			221.6
35	Flanders street, east	2018	116		
36	Going street	309	250		
37	Grand avenue				
38	Habersham avenue (west half)	619	648		
39	Hoyt street, east	2535		300.3	
40	Hawthorne avene		30037		707.8

STREET WORK DONE DURING 1907—Continued

Sq. ft. Art. Stone Sidewalk	Lineal Feet					
	Sidewalk		Curb		Crosswalk	
	Wood	Gravel	Art. Stone	Wood	Art. Stone	Wood
		2395.2		2443.2		144.0
		4404.0		4808.0		1180.0
		459.2		955.4		66.0
	9952.2		1884.5			
	11131.0	488.0	1864.0	536.0		576.0
	4305.0	224.0	718.0	248.0		288.0
	4244.0		701.5			36.4
		2149.0		3296.0		1811.4
	2494.0		671.0			
	1037.0		171.6			
	4110.0	215.0	685.0	215.0		
		914.0		968.0		96.0
	10173.2	71.5	1682.5	71.5		128.0
		498.4		498.4		
	6351.0		1066.0			112.0
			5385.2	6057.2		1452.7
			3114.0	3510.1		876.0
	13139.0		2179.1			128.0
		7851.9		8613.5		1475.2
	2654.0		439.0			72.0
	1200.0		700.0			228.0
	14127.0	30.0	2362.5	30.0		453.5
	2800.3		466.8			
		2051.6		2101.6		88.0
	1200.0		200.0			72.0
		1595.3		1629.3		166.5
		5634.5		5994.7		870.0
	10968.0		1960.0			1707.1
			634.0			
		948.0		948.0		
	1200.0		200.0			
	4528.0		753.4			120.0
		552.8		576.8		16.0
	1613.0		125.0			
	3254.0		542.2			
		1320.0		1440.0		404.0

STREET WORK DONE DURING 1907—Continued

Number	Name of Street	Square Yard		
		Stone Blk Pavement		Bithulit'c
		New	Re dressed and Relaid	
1	Ankeny street			772.3
2	Ash street, East			
3	Alberta street			
4	Ankeny street, East			
5	Benton street			
6	Blandena street			
7	Belmont street			
8	Brazee street			
9	Beech street			
10	Burnside street			4588.6
11	Clinton street			
12	Commercial street			
13	Church street			
14	California street			
15	Church street			
16	Commercial street			
17	Dekum avenue			
18	Durham avenue			
19	Denver avenue			
20	Dakota street			
21	Dawson street			
22	Dupont street			
23	Cherry street			
24	Eighth street, east			
25	Ella street			807.7
26	Emerson street			
27	Ellis avenue			
28	Eighteenth street, east			
29	Francis avenue			
30	Fiske street			
31	Fourteenth street			
32	First street			3213.0
33	Goldsmith street			
34	First street, east			
35	Flanders street, east			
36	Going street			
37	Grand avenue			
38	Habersham avenue (west half)			
39	Hoyt street, east			
40	Hawthorne avenue			

STREET WORK DONE DURING 1907—Continued

Square Yards			Lineal Feet Full width Improvement	Actual Cost of Improvement
Wood Block	Asphalt	Concrete		
			386	\$ 1,724 41
			1667	8,206 06
			2500	9,911 07
			525	2,521 40
			1830	8,800 76
			1240	5,504 27
			960	4,569 00
			700	2,575 68
			3440	12,302 24
			1400	11,376 13
			145	605 99
			450	3,248 57
			1090	1,299 40
			880	3,405 51
			250	594 53
			600	2,484 71
			2330	12,526 49
			1820	4,709 75
			2552	2,872 49
			1110	3,875 23
			4345	10,620 73
			460	1,419 99
			710	2,536 89
			1410	4,091 36
			260	2,960 36
			2503	1,429 25
			1044	2,023 96
			690	2,582 84
			850	3,763 69
			3049	6,544 27
			4240	6,228 28
			750	7,747 48
			474	25,514 64
			200	1,189 01
			391	1,632 22
			280	418 47
			200	238 79
			980	226 99
			273	2,203 72
			780	13,145 79

STREET WORK DONE DURING 1907—Continued

Number	Name of Street	Date of Estimate	No. of Ord.
41	Hodge street	September . . . 20, 1906	15942
42	Jarrett street	September . . . 20, 1906	15950
43	Jarrett street	September . . . 20, 1906	15948
44	Jessup street	September . . . 20, 1906	15952
45	Jessup street	September . . . 20, 1906	15951
46	Klickitat street	July 23, 1906	15680
47	Knott street	January 22, 1907	16342
48	Kerby street	October 8, 1906	15939
49	Lexington Ave.	February 27, 1907	16388
50	Lincoln street, East	January 4, 1907	16262
51	Linn Ave.	September 20, 1906	15933
52	Madison street	April 16, 1907	16587
53	Montana Ave.	June 12, 1906	15606
54	Missouri Ave.	October 1, 1906	15947
55	Mallory Ave.	June 25, 1906	15594
56	Mississippi Ave.	September 20, 1906	15949
57	Minnesota Ave.	June 22, 1906	15597
58	Montana Ave.	August 24, 1906	15797
59	McMillen street	February 27, 1907	16386
60	Michigan Ave.	August 21, 1906	15796
61	Madison street, East	January 22, 1907	16337
62	Manhattan street	August 2, 1906	15733
63	Ninth street, East	October 11, 1906	15943
64	Nicolai street	June 1, 1906	15514
65	Nineteenth street, East	October 1, 1906	15941
66	Nineteenth street, East	August 1, 1906	15681
67	Ninth street, East	July 11, 1906	15655
68	Nehalem Avenue	July 13, 1906	15658
69	Nebraska street	March 20, 1907	16441
70	Oak street, East	August 15, 1906	15740
71	Oneonta street	January 2, 1907	16158
72	Russell street	October 1, 1906	15932
73	Rodney Ave.	August 23, 1906	15793
74	Russell street	September 14, 1906	15869
75	Seventeenth street, East	January 27, 1906	15591
76	Seventeenth street	August 27, 1906	15788
77	Simpson street	September 20, 1906	15955
78	Sixth street, East	January 22, 1907	16333
79	Sixth street, East	August 28, 1906	15791
80	Salmon street, East	May 12, 1906	15494

STREET WORK DONE DURING 1907—Continued

EXTENT OF IMPROVEMENT.
From n. line of Dawson st. to s. line of Houghton st.
From e. line of Patton av. to west line of Havelock.
From e. line of Kerby st. to e. line of W. Piedmont.
From e. line of Kerby st. to e. line of W. Piedmont.
From e. line of Patton av. to e. line of Michigan av.
From e. line of Union av. to e. line of Albina.
From e. line of Vancouver av. to w. line of Williams av.
From n. line of Killingsworth av. to n. line of W. Piedmont.
From e. line of E. 13th st. to w. line of Milwaukie County Road.
From e. curb line of Marguerite av. to w. line of Prettyman av.
From e. line of E. 13th st. to w. line of E. 19th st.
From w. line of St. Clair st. to w. line of King st.
From n. curb line of Portland Boulevard to s. line of Raymond st.
From n. line of Killingsworth av. to n. line of North Albina.
From n. line of Fremont st. to s. line of Failing st.
From s. curb line of Stanton st. to n. curb line of Sellwood st.
From n. line of Killingsworth av. to n. line of North Albina.
From n. line of Killingsworth av. to n. line of North Albina.
From e. line of Crosby st. to n. e. line of Williams av.
From n. line Killingsworth av. to n. line N. Albina ext. easterly.
From e. line of E. 37th st. to w. line of Prettyman av.
From e. line of Union av. to w. line of E. 9th st.
From s. l. Hawthorne av. to line 60 ft. s. of and par. n. line Division.
From e. line 26th st. ext. n. to e. line of 24th st. extended north.
From n. line of E. Morrison st. to s. line of E. Stark st.
From n. line of Hawthorne av. to s. line of E. Salmon st.
From n. line of E. Davis st. to s. line of E. Flanders st.
From e. line of E. 9th st. to w. line of E. 19th st.
From e. line of Wisconsin st. to w. line of Bond st.
From e. l. Union av. to line 65 ft. e. of and par. with e. l. of E. 6th st.
From n. line of Dekum av. to s. line of Columbia Boulevard.
From w. curb line of Williams av. to e. line Brendle's Add. ext. south.
From n. line of Morris st. to s. line of Fremont st.
From e. line of Williams av. to w. line of Union av.
From s. line of Tillamook st. to n. line of Broadway.
From n. line of Clifton st. to s. line of Jackson st.
From e. line of Kerby st. to e. line of W. Piedmont.
From s. line of Failing st. to n. line of Beech st.
From n. line of E. Everett st. to n. line of E. Oak st.
From e. line of Union av. to center line of E. 12th st.

STREET WORK DONE DURING 1907—Continued

Number	Name of Street	Cubic Yards			
		Exc.	Emb.	Gravel	Macadam
41	Hodge street	3860	57		
42	Jarrett street	5259			
43	Jarrett street	348	69		
44	Jessup street	423	48		
45	Jessup street	1375	1		
46	Klickitat street	3385	1663		
47	Knott street	84	58		
48	Kerby street	5167	507		
49	Lexington Ave.	2540	61		
50	Lincoln street, East	4973	494		
51	Linn Ave.	5531	49		
52	Madison street	105	37		
53	Montana Ave.	7104	460		
54	Missouri Ave.	2716	263		
55	Mallory Ave.	377		443.2	
56	Mississippi Ave.	14			
57	Minnesota Ave.	259	820		
58	Montana Ave.	3791			
59	McMillen street	814			
60	Michigan Ave.	670	1736		
61	Madison street, East	74	1101		
62	Manhattan street	3864			
63	Ninth street, East	3734	385	2443.5	
64	Nicolai street	3521	418		1224.4
65	Nineteenth street, East	260	319		531.2
66	Nineteenth street, East	1403			214.0
67	Ninth street, East	541	170		458.0
68	Nebalem Ave.	5178	153		
69	Nebraska street				
70	Oak street, East		39712		676.8
71	Oneonta street	10970	2152		
72	Russell street	118	51		
73	Rodney Ave.	1232			1418.5
74	Russell street	1390	22		
75	Seventeenth street, East	931	94		868.2
76	Seventeenth street	336	344		
77	Simpson street	302	18		
78	Sixth street, East	223	103		
79	Sixth street, East	1606	142		1683.6
80	Salmon street, East	5791	9831		1718.8

STREET WORK DONE DURING 1907—Continued

Sq. Ft. Art. Stone Sidewalk	Lineal Feet					
	Sidewalk		Curb		Crosswalk	
	Wood	Gravel	Art. Stone	Wood	Art. Stone	Wood
		3432.6			3505.6	465.2
11782.0			1809.0			264.0
		494.8		494.8		
		496.6		496.6		
		1232.0		1304.0		96.0
5100.0		550.0	850.0	550.0		
238.0			39.7			
			2372.6		2509.6	432.0
		2326.0		2410.0		280.0
14114.0			2358.8			224.0
		2706.0		2874.0		378.0
676.0			683.0	8.0		
		1834.0		2068.0		312.0
		800.0		800.0		
1080.0			450.0			
				552.0		96.0
		1547.4		1745.4		264.0
600.0			100.0			
		2014.4		2098.4		326.4
8322.0			1388.0			144.0
		2165.6		2344.6		108.0
21519.0		48.0	3591.0	66.0		358.0
11129.0		75.0	1878.6	75.0		399.0
4233.0			1415.0			240.0
2732.0			450.0			64.0
3512.0		50.0	588.0	50.0		54.0
6897.0			1149.5			
		953.0		1049.0		308.0
			5293.7	5646.9		1042.8
25990.0			2101.0			
1647.0						
4628.0			1046.5			
			772.0			162.0
		493.0		493.0		
		769.1		769.1		
7196.0			1204.0			162.0
14434.0		540.0	2433.0	540.0		612.0

STREET WORK DONE DURING 1907—Continued

Number	Name of Street	Square Yard		
		Stone Blk Pavement		Bitulithic
		New	Re dressed and Relaid	
41	Hodge street			
42	Jarrett street			
43	Jarrett street			
44	Jessup street			
45	Jessup street			
46	Klickitat street			
47	Knott street			1234.0
48	Kerby street			
49	Lexington Ave.			
50	Lincoln street, East			
51	Linn Ave.			
52	Madison street			636.7
53	Montana Ave.			
54	Missouri Ave.			
55	Mallory Ave.			
56	Mississippi Ave.			
57	Minnesota Ave.			
58	Montana Ave.			
59	McMillen street	136.8		4780.6
60	Michigan Ave.			
61	Madison street, East			
62	Manhattan street			
63	Ninth street, East			
64	Nicolai street			
65	Nineteenth street, East			
66	Nineteenth street, East			
67	Ninth street, East			
68	Nehalem Ave.			
69	Nebraska street			
70	Oak street, East			
71	Oneonta street			
72	Russell street			
73	Rodney Ave.			
74	Russell street	444.0		4112.7
75	Seventeenth street, East			
76	Seventeenth street			
77	Simpson street			
78	Sixth street, East			
79	Sixth street, East			
80	Salmon street, East			

STREET WORK DONE DURING 1907—Continued

Square Yards			Lineal Feet Full Width Improvement	Actual Cost of Improvement
Wood Block	Asphalt	Concrete		
			1816	\$ 4,125 52
			920	3,582 17
			247	393 46
			248	414 43
			690	1,422 46
			700	2,716 52
			310	2,797 43
			1270	3,217 46
			1224	2,840 98
			1212	4,484 45
			1470	4,265 00
			360	1,896 78
			1850	4,651 20
			1230	2,324 16
			400	1,664 91
			270	323 28
			640	648 72
			1290	2,855 12
		98.7	1200	11,607 64
			1290	2,329 45
			720	2,208 04
			1290	2,837 93
			2320	11,334 59
			1040	7,286 93
			720	2,930 42
			230	1,699 04
			460	2,179 70
			1600	2,118 49
			1310	1,399 74
			605	17,248 87
			2325	8,143 55
			2462	3,907 51
			1221	4,662 18
		1614.8	1240	15,355 99
			820	3,719 02
			200	72 11
			246	374 06
			419	535 22
			1700	6,767 59
			1300	10,473 10

STREET WORK DONE DURING 1907—Continued

Number	Name of Street	Date of Estimate	No. of Ord.
81	Belmont street	February 16, 1906	15270
82	14th street, E	December 6, 1906	16443
83	Front street	April 29, 1907	16644
84	Gantenbein ave	May 12, 1906	15493
85	Knott street	October 3, 1906	15946
86	Marshall street	April 16, 1907	16592
87	Pine street, E	February 23, 1907	16392
88	23rd street, E	April 24, 1907	16595
89	23rd street, E	February 27, 1907	16505
90	23rd street, E	October 19, 1906	16032
91	Thompson street	April 24, 1907	16681
92	Union ave	January 19, 1907	16329
93	Union ave	January 19, 1907	16328
94	Willamette Boulevard	May 17, 1907	16824
95	Florida street	January 22, 1907	16254
96	Clinton street	May 21, 1907	16828
97	15th street	January 22, 1907	16335
98	Leo avenue	February 27, 1907	16398
99	Misner street	February 23, 1907	16391
100	Main street, E	February 27, 1907	16394
101	2nd street, E	February 27, 1907	16393
102	Taylor street, E	September . . . 26, 1906	15879
103	30th street, E	July 2, 1907	16839
104	21st street	August 9, 1907	16989
105	Stark street, E	August 27, 1906	15908
106	Belmont street	February 27, 1907	16384
107	Hancock street	August 2, 1906	15735
108	Millers ave	May 17, 1907	16835
109	Marion ave	September . . . 17, 1906	15870
110	16th street	February 27, 1907	16383
111	Stanton street	September . . . 14, 1906	15868
112	Stark street, E	June 12, 1906	15600
113	Shaver street	October 19, 1906	16022
114	6th street, E	September . . . 1, 1906	15873
115	28th street, E	October 19, 1906	16031
116	Taylor street, E	September . . . 26, 1906	15880
117	Hibbard street	December 15, 1906	16220
118	Smith street	July 12, 1906	15649
119	Santa Monica street	September . . . 20, 1906	15945
120	7th street, E	April 25, 1906	15444

STREET WORK DONE DURING 1907—Continued

EXTENT OF IMPROVEMENT.
From e. line of E. Water st. to e. line of Union av.
From n. line of Hancock st. to s. line of Tillamook st.
From the s. line of Burnside st. to n. line of Madison st.
From the s. line of Russell st. to n. line of Page st.
From the w. line of Vancouver av. to e. line of Delay st.
From w. line of 25th st. to e. line of 26th st.
From e. line of E. 3rd st. to w. line of E. 14th st.
From n. line of Tillamook st. to s. line of Thompson st.
From s. line of Holladay av. to n. line of Sandy road.
From n. line E. Salmon st. to a line 138 ft. n. of and par. n. l. Belmont.
From w. line of E. 14th st. to w. line of E. 24th st.
From n. line of E. Burnside st. to s. line of E. Everett st.
From point 85 ft. s. of s. line of E. Glisan st. to s. l. of Holladay av. . .
From e. line of Michigan av. to 100 ft. e. of e. line of Albina av.
From w. line of Macadam st. to 200 e. of e. line of Wisconsin st.
From e. line of Hannaford st. to w. line of Habersham av.
From n. line of Burnside st. to s. line of Marshall st.
From w. line Milwaukie Co. Road to e. line of E. Thirteenth st.
From s. line of Base Line Road to n. line of Villa av.
From e. line of E. Sixteenth st. to w. line of E. Twentieth st.
From s. line of Holladay av. to s. line of E. Glisan st.
From e. line of Grand av. to 100 ft. e. of e. line of E. 9th st.
From s. line of Brooklyn st. to n. line of Powell Valley road.
From n. line of Washington st. to s. line of Glisan st.
From e. line of E. 7th st. to e. curb line of E. Water st.
From 100 ft. e. of e. line E. 20th st. to w. line of E. 34th st.
From w. line of E. 8th st. to e. line of E. 17th st.
From e. line of E. 13th st. to w. line of E. 15th st.
From e. line of E. 9th st. to w. line of E. 19th st.
From 150 ft. n. of n. line of Hancock st. to n. line of Weidler st.
From w. line of Williams av. to e. line of Delay st.
From w. line of E. 12th st. to e. line of E. 20th st.
From w. line of Union av. to e. line of Williams av.
From n. line of E. Washington st. to n. line of E. Sherman st.
From s. line of E. Stark st. to n. line of Belmont st.
From w. line of E. 11th st. extended to w. line of E. 16th st.
From s. line of Hibbard Add. to n. line of Base Line road.
From e. line of E. 20th st. to e. line of Smith's Addition.
From e. line of Union av. to e. line of Albina.
From s. line of E. Alder st. to n. line of Hawthorne av.

STREET WORK DONE DURING 1907—Continued

Number	Name of Street	Cubic Yard			
		Exc.	Emb.	Gravel	Macadam
81	Belmont street		25256		
82	14th street, E	427	55	332.2	
83	Front street	1647	13		
84	Gantenbein ave	351	43		498.6
85	Knott street	1231	334		1629.2
86	Marshall street	3218	446		
87	Pine street, E	497		32.0	1366.0
88	23rd street, E	31	156		
89	23rd street, E	2876	1019		
90	23rd street, E	191	807	544.7	
91	Thompson st	939	1481		
92	Union ave	383			
93	Union ave	693			
94	Willamette Boulevard	1750	2		
95	Florida st	760	531		
96	Clinton st	3248	609		
97	15th st				945.4
98	Leo ave	3724	80		
99	Misner st	7050	1139		
100	Main st., E	583	33		1063.2
101	2nd st., E	5641	336		1365.0
102	Taylor st., E	1886	135		1073.6
103	30th st., E	13855	2226		
104	21st st	898			
105	Stark st., E		86703		1414.8
106	Belmont st.	908	799		
107	Hancock st.	404	479		955.4
108	Millers ave	124	19		
109	Marion ave	4054	487	1621.2	
110	16th st.	442	109		682.8
111	Stanton st	1114	446		2088.8
112	Stark st., E				
113	Shaver st	315	1	308.4	
114	Sixth st., E	9	5		1306.8
115	23th st., E	172	234	725.4	
116	Taylor st., E	1034			1063.2
117	Hibbard st.	8271	392	3090.8	
118	Smith st.	1200	15	595.8	
119	Santa Monica st	426	1063		
120	7th st., E	7355	160		1898.4

STREET WORK DONE DURING 1907—Continued

Sq. ft. Art. Stone Sidewalk	Lineal Feet					
	Sidewalk		Curb		Crosswalk	
	Wood	Gravel	Art. Stone	Wood	Art. Stone	Wood
	848.0			908.0		
2400.0			400.0			
2955.0			1246.5			
3300.0			710.0			
9444.0			2461.1			176.0
5400.0			900.0			
6212.0			1138.0			66.8
			1000.0			
11547.0			1929.0			348.0
9644.0			1588.0			48.0
24306.0			4620.0			
2356.0			394.0			
5577.0			935.0			
7266.0			1211.0			
12656.0	110.0		2109.2	110.0		
1689.0			471.5			1054.3
	1879.5			2348.0		248.0
5954.0			989.0			288.0
13419.0			2267.0			432.0
8912.0			1620.0			144.0
14678.0	93.0		2450.8	125.0		628.0
1631.0			273.0			
	2100.0			2196.0		444.0
11018.0			1761.3			
5056.0			844.0			395.0
		700.0		700.0		
		2410.0		2470.0		216.0
						72.0
4628.0			772.0			613.2
9891.0			2328.9			396.0
4048.0			668.0			144.0
	448.0			484.0		882.0
19392.0			3556.0			195.0
6053.0			985.0			324.0
128.0			22.0			742.0
	5598.6			6028.6		176.0
		728.0		776.0		37.0
6000.0		307.4		1000.0	300.4	504.0
16026.0		75.0		2779.0	75.0	

STREET WORK DONE DURING 1907—Continued

Number	Name of Street	Square Yard		
		Stone Blk Pavement		Bithulit'c
		New	Re dressed and Relaid	
81	Belmont street			
82	14th street, E			
83	Front street	127.2	11544.7	
84	Gantenbein ave			
85	Knott street			
86	Marshall street			1400.4
87	Pine street, E			
88	23rd street, E			1556.0
89	23rd street, E			
90	23rd street, E			
91	Thompson street			10189.0
92	Union ave	880.2		2132.0
93	Union ave	1637.8		3985.2
94	Willamette Boulevard			
95	Florida street			
96	Clinton street			
97	15th street			
98	Leo avenue			
99	Misner street			
100	Main street, E			
101	2nd street, E			
102	Taylor street, E			
103	30th street, E			
104	21st street			
105	Stark street, E			
106	Belmont street			7281.5
107	Hancock street			
108	Millers ave			
109	Marion ave			
110	16th street			
111	Stanton street			
112	Stark street, E			
113	Shaver street			
114	6th street, E			
115	28th street, E			
116	Taylor street, E			
117	Hibbard street			
118	Smith street			
119	Santa Monica street			
120	7th street, E			

STREET WORK DONE DURING 1907—Continued

Square Yards			Lineal Feet Full width Improvement	Actual Cost of Improvement
Wood Block	Asphalt	Concrete		
			550	\$ 8,152 67
			300	1,417 82
			3250	36,397 27
		11671.9	450	2,120 60
			1452	9,548 24
			450	5,863 55
			2600	5,200 30
			500	3,914 29
			980	3,486 37
			818	3,451 85
			2610	28,810 59
			720	8,446 99
		629.6	1340	15,953 84
		1171.6	500	519 26
			1070	2,109 61
			1110	2,678 07
			2570	3,683 68
			1190	3,338 01
			2590	2,953 53
			920	4,558 17
			1220	9,086 66
			960	4,867 16
			1370	6,466 92
		4499.4	1050	11,631 71
			1192	25,168 22
			1783	17,901 33
			1040	3,609 05
			450	461 87
			1470	7,229 94
			750	3,012 77
			1910	8,651 77
			920	1,102 46
			260	1,317 56
			3890	7,570 88
			750	3,161 66
			950	3,370 91
			3113	14,731 77
			528	1,961 31
			700	1,852 97
			1640	11,286 99

STREET WORK DONE DURING 1907—Continued

Number	Name of Street	Date of Estimate	No. of Ord.
121	Seventeenth street, E	September . . . 22, 1906	15959
122	Sixteenth street	July 27, 1905	14951
123	Sherrett ave	August 2, 1906	15738
124	Second street	August 10, 1906	15744
125	Second street	May 1, 1906	15452
126	Seventeenth street	February 15, 1906	15275
127	Twenty fourth street, E	February 27, 1907	16506
128	Texas street	January 31, 1907	16255
129	Twenty-fifth street, E	February 27, 1907	16507
130	Twenty-fourth street, E	October 19, 1906	16021
131	Twenty-seventh street, E	October 19, 1906	16030
132	Twenty-fifth street	May 22, 1906	15517
133	Twentieth street, E	March 1, 1906	15340
134	Thirty-fourth street, E	December 21, 1906	16217
135	Thirteenth street, E	September 17, 1906	15878
136	Thirty-first street, E	July 3, 1906	15599
137	Twenty-seventh street, E	February 2, 1907	16258
138	Trinity Place	August 17, 1906	15875
139	Twenty-third street, E	November 26, 1906	16197
140	Virginia street	February 2, 1907	16259
141	Van Houten street	January 8, 1907	16218
142	Villard ave	August 2, 1906	15742
143	Union ave	April 28, 1906	15445
144	Wood street	September 14, 1906	15877
145	Yamhill street, E	October 19, 1906	16028
146	Williams ave	November 16, 1904	14387
147	Yamhill street, E	January 22, 1907	16338
148	Grand ave	July 18, 1906	15547
149	Wasco street	June 25, 1906	15598

STREET WORK DONE DURING 1907—Continued

EXTENT OF IMPROVEMENT.

From s. line of Nehalem av. to n. line of Linn ave.
From 120 ft. n. of n. line of College st. to n. line of Davenport st.
From O. W. P. Co.'s tracks on E. 13th st. to w. line of E. 19th st.
From s. line of Madison st. to n. line of Montgomery st.
From s. line of Morrison st. to n. line of Madison st.
From n. line of Elizabeth st. to s. line of Clifton st.
From s. line of Holladay av. to n. line of Sandy road.
From w. line of Macadam st. to line 260 ft. w. of w. line of Virginia st.
From s. line of Holladay av. to n. line of Sandy road.
From n. line of Multnomah st. to s. line Carter's Add., extended west.
From n. line of Multnomah st. ext. east to s. line of Wasco st.
From s. line of Johnson st. to s. line of Savier st.
From s. line of Division st. to n. line of right of way of O. & C. Ry. Co.
From s. line of Division st. to n. line of Clinton st.
From n. line of Failing st. to s. line of Prescott st.
From s. line of E. Couch st. to n. line of E. Glisan st.
From s. line of Logan's Add. to E. Portland to s. line Wynkoop Villa.
From n. curb line of Washington st. to s. curb line of Everett st.
From n. line of Hawthorne av. to n. line of E. Salmon st.
From n. line Nevada st. to line 200 ft. n. of and par. n. line Dakota st.
From s. line Strong st. to n. line of Columbia Boulevard.
From n. line of Willamette Boulevard to s. line Portland Boulevard.
From n. line of E. Oak st. to n. line of Belmont st.
From w. line of Front st. to e. line of 4th st.
From e. line of E. 20th st. to w. line of E. 33d st.
From n. line of McMillen st. to n. line of Morris st.
From e. line of Union av. to e. line of E. 8th st.
Steel Bridge over Sullivan's Gulch.
From center line of E. 24th to w. line of E. 28th st.

STREET WORK DONE DURING 1907—Continued

Number	Name of Street	Cubic Yards			
		Exc.	Emb.	Gravel	Macadam
121	Seventeenth street, E	3752	179		
122	Sixteenth street	1	843		74.9
123	Sherrett ave	2678	874		
124	Second street	1512			
125	Second street	1314			
126	Seventeenth street	359	172		312.6
127	Twenty-fourth street, E	2722	321		
128	Texas street	842	180		
129	Twenty-fifth street, E	2358	152		
130	Twenty-fourth street, E	624		629.5	
131	Twenty-seventh street, E	168		147.4	
132	Twenty-fifth street	1829	121		
133	Twentieth street, E	367	132	362.3	
134	Thirty-fourth street, E	80	1491		
135	Thirteenth street, E	5674	2990		
136	Thirty-first street, E	3384	280		
137	Twenty-seventh street, E	1818	1418		
138	Trinity Place				
139	Twenty-third street, E	674	31	31.0	640.8
140	Virginia street	4111	238		
141	Van Houten street	25738	1603		
142	Villard ave	6113	37		
143	Union ave	257	49700		1395.6
144	Wood street	142	1094		843.9
145	Yamhill street, E	2482	3852	4250.3	
146	Williams ave	187	898		
147	Yamhill street, E	703	20		850.6
148	Grand ave	3067	706		
149	Wasco street	866		768.2	
		349973	389721	26503.6	37717.3

STREET WORK DONE DURING 1907—Continued

Sq. Ft. Art. Stone Sidewalk	Lineal Feet					
	Sidewalk		Curb		Crosswalk	
	Wood	Gravel	Art. Stone	Wood	Art. Stone	Wood
	3044.0			3314.0		408.0
	134.0			146.0		
	2796.0			2940.0		240.0
4094.0			935.6			
3889.0			725.0		180	
8440.0			1402.0			324.0
5243.0			873.7			
6839.0			1143.8			216.0
1077.0			166.3			247.0
1400.0			300.0			
15488.0			2595.0			
	517.8			621.6		72.0
	800.0			800.0		
	3092.7			3172.7		400.2
	1500.0			1500.0		
	7356.0	269.2	1225.8	321.2		120.0
	7320.0		1326.6			
	3587.0		583.0			153.4
	16944.0		2820.0			588.9
	14091.9			15463.9		2912.0
	2855.5			2951.5		288.0
	2877.0	1394.0	289.0	1454.0		504.0
	1733.0	579.9	236.0	600.9		183.0
	29778.0	949.7	4934.3	961.7		994.0
			386.0			
	600.0		100.0			
	8400.0					
612965.7	101732.1	19165.5	107790.6	128159.2	180	35521.8

STREET WORK DONE DURING 1907—Continued

Number	Name of Street	Lineal Feet Gutters		
		Box	Open	Stone
121	Seventeenth street, E	36.0		
122	Sixteenth street			
123	Sherrett ave			
124	Second street			
125	Second street			
126	Seventeenth street			162.0
127	Twenty-fourth street, E	90.0		
128	Texas street		1593.0	
129	Twenty-fifth street, E	90.0		
130	Twenty-fourth street, E			217.0
131	Twenty-seventh street, E			
132	Twenty-fifth street			
133	Twentieth street, E	34.0		48.0
134	Thirty-fourth street, E			
135	Thirteenth street, E	120.0		
136	Thirty-first street, E			
137	Twenty-seventh street, E			
138	Trinity Place			
139	Twenty-third street, E			106.0
140	Virginia street			
141	Van Houten street	1193.0		
142	Villard ave	108.0		
143	Union ave			96.0
144	Wood street			1636.6
145	Yamhill street, E			998.0
146	Williams ave			
147	Yamhill street, E			
148	Grand ave			
149	Wasco street			174.0
		6752.2	3548.6	10171.6

STREET WORK DONE DURING 1907—Continued

Lineal Feet						Number of Inlets
Plank Roadway	Elev'd Roadway	Stone Block Header Dbl. Row	Tile	Vitri'd Pipe	Iron Pipe	
						32
		390.0	2900.0			
		144.0	2330.0			
				68.0		2
				58.0		3
		632.1	4480.0	38.0		1
				60.0		3
		24.0	1274.3	34.0		2
				272.0		3
				12.0		1
				48.0		
		78.2	792.0			
				30.0		1
964.5		3437.1	38267.4	1563.0	74	45

STREET WORK DONE DURING 1907—Continued

Number	Name of Street	Square Yard		
		Stone Blk Pavement		Bitulithic
		New	Re dressed and Relaid	
121	Seventeenth street, E			
122	Sixteenth street			
123	Sherrett ave			
124	Second street			5458.0
125	Second street			4596.4
126	Seventeenth street			
127	Twenty-fourth street, E			
128	Texas street			
129	Twenty-fifth street, E			
130	Twenty-fourth street, E			
131	Twenty-seventh street, E			
132	Twenty-fifth street			8832.9
133	Twentieth street, E			
134	Thirty-fourth street, E			
135	Thirteenth street, E			
136	Thirty-first street, E			
137	Twenty-seventh street, E			
138	Trinity Place			1726.3
139	Twenty-third street, E			
140	Virginia street			
141	Van Houten street			
142	Villard ave			
143	Union ave			
144	Wood street			
145	Yamhill street, E			
146	Williams ave			1386.8
147	Yamhill street, E			
148	Grand ave			
149	Wasco street			
		4226.0	11544.7	68690.1

STREET WORK DONE DURING 1907—Continued

Square Yards			Lineal Feet Full Width Improvement	Actual Cost of Improvement
Wood Block	Asphalt	Concrete		
			1980	\$ 3,826 38
			230	858 70
			1491	2,906 18
			1500	13,756 12
			1180	10,707 40
			490	2,392 57
			822	2,768 52
			800	2,016 35
			670	2,431 80
			846	2,129 80
			200	738 52
			2340	23,520 59
			310	1,212 21
			400	1,104 94
			1656	4,175 61
			800	2,294 41
			777	2,468 40
			642	5,346 33
			721	2,504 80
			1900	5,900 05
			7829	21,114 46
			1494	4,169 00
			1240	21,712 86
			970	4,638 80
			3680	18,759 27
			735	5,600 28
			860	2,737 34
	1555.6		350	63,501 27
			1046	1,694 97
	6055.0	15186.6	181,104	\$ 897,485 16

STREET EXTENSION SURVEYS IN 1907

Number	Name of Street	Nature of Survey	Length in feet
1	Sherlock ave	Extending	1023
2	Caywood street	Exten. and Widening	1100
3	Prettyman ave	Widening	2597
4	Virginia street	Exten. and Widening	1133
5	Prietyman ave	Exten. and Widening	1767
6	East 13th street	Extending	200
7	West ave	Extending	5012
8	Nicolai street	Change	360
9	East 14th street	Extending	36
10	Fremont street	Extending	778
11	Fremont street	Extending	778
12	East 22d street	Establishing	1257
13	East 19th street	Extending	240
14	Summer street	Extending	1535
15	Harrison ave	Opening	944
16	Twenty-first street	Extending	700
17	East 26th street	Extending	985
18	Belmont street	Exten. and Widening	1905
19	East 7th street	Extending	1665
20	East 17th street	Extending	54
21	Crosby street	Opening	225
22	New street in Smith's Add.	Establishing	73
23	Vista ave	Change	1532
24	Portland Boulevard	Extending	1822
25	East 34th street	Establishing	3356
26	Brush street	Extending	116
27	East 27th street	Extending	156
28	East 28th street	Extending	156
29	East 29th street	Extending	156
30	East 30th street	Extending	156
31	East 31st street	Extending	156
32	East 32nd street	Extending	156
33	East 32nd street	Extending	209
34	Tillamook street	Extending	209
35	East 39th street	Opening	1768
36	Clinton street	Enten. and Opening	169
37	East 35th street	Extending	156
38	East 34th street	Extending	156
39	East 33rd street	Extending	156
40	Pearl street	Extending	92
41	East 28th street	Extending	200
42	East 32d street	Extending	200

STREET EXTENSION SURVEYS IN 1907—Continued

BETWEEN WHAT POINTS
NE. ex. of se. 1. Nicolai st. to div. 1. O. R. & N. and Oregon Pottery trks.
E. line of E. 8th st. to w. line of Milwaukie st.
Division st. to Hawthorne av.
Terminus Virginia st. to Taylor's Ferry road.
E. Salmon st. to E. Stark st.
S. line of Beacon st. to n. line of Frederick st.
S. line of Base Line road to n. line of Section Line road.
W. line of Sherlock av. to e. line of Front st.
SE. corner Blk. 4, Tibbett's Homestead to ne. corner Blk 3 and sw. corner Blk. 5 to nw. corner Blk 6.
W. line of Vancouver av. to w. line of Blk. 34, Central Albina.
W. line of Commercial st. to e. line of Albina av.
SE. line of Powell st. to e. extension of s. line of Bush st.
S. line of Powell st. to s. line of Edgar st.
E. line of Minnesota av. to w. line of Tract O (M. Patterson's Tract).
From nr. 1st and Lane sts. to con. with Harrison av. and 1st St. terrace
S. line of Jackson st. to extension of Vista av.
N. line of Belmont st. to s. line of E. Stark st.
E. line of S. 6, T. 1 S., R. 2 E., W. M., to w line of E. View st.
S. line of Brooklyn st. to n. line of Lot 2, Riverside Homestead.
N. line of Highland Park to s. line of Howe st.
S. l. of Cherry st. to w. ex. of s. l. of lots 3 and 4, blk. 13, E. Irving's Add
E. line of Montgomery St. drive to w. line of Terrace road.
Ext. line bet. Lots 2 and 3, Blk. 52, Carter's Add., to n. l. of Carter st.
E. line of Vancouver av. to w. line of Union av.
N. line of Sandy road to center of Section 25, T. 1 N., R. 1 E.
N. line of Brush's Add. to s. line of Tibbetts st.
N. line of Lot S, E. Portland Heights, to n. line of Ellsworth st.
N. line of Lot Q, E. Portland Heights, to n. line of Ellsworth st.
N. line of Lot R, E. Portland Heights, to n. line of Ellsworth st.
N. line of Lot P, E. Portland Heights, to n. line of Ellsworth st.
N. line of Lot O, E. Portland Heights, to n. line of Ellsworth st.
N. line of Lot N, E. Portland Heights, to n. line of Ellsworth st.
N. line of E. Main st. to s. line of E. Salmon st.
N. ext. of e. line Lot 18, Blk. 10, Broadway Add., to w. line County road
E. Salmon st. to E. Stark st.
W. line of Ravenswood to e. line of E. 37th st.
N. line of Lot K, E. Portland Heights, to n. line of Ellsworth st.
N. line of Lot L, E. Portland Heights, to n. line of Ellsworth st.
N. line of Lot M, E. Portland Heights, to n. line of Ellsworth st.
E. line of Mt. Tabor Villa Annex to e. line of Hibbard st.
N. line of Brooklyn st. to s. line of Ellsworth st.
N. line of Brooklyn st. to s. line of Ellsworth st.

STREET EXTENSION SURVEYS IN 1907—Continued

Number	Name of Street	Nature of Survey	Length in feet
43	Emerald street	Extending	2456
44	East 6th street	Extending	618
45	Grand ave	Extending	1870
46	Courtenay street	Extending	60
47	East Salmon street	Extending	418
48	Villa avenue	Extending	5900
49	East 10th street	Extending	196
50	Frederick street	Extending	305
51	Upshur street	Extending	525
52	East 36th street	Extending	125
53	East 15th street	Extending	490
54	Miles street	Extending	489
55	Benton street	Extending	435
56	East 18th street	Extending	157
57	East 29th street	Opening	1270
58	East 14th street	Extending	1640
59	Villard street	Exten. and Widening	2550
60	Sandy Road	Opening	5500
61	Gladstone ave	Extending	805
62	Tibbetts street	Extending	130
63	Claremont ave	Extending	1690
64	East Couch street	Extending	2460
65	East 26th street	Extending	460
66	East Glisan street	Extending	7585
67	Williams ave	Extending	672
68	East 14th street	Extending	2790
69	East 7th street	Extending	2790
70	Patton avenue	Exten. and Widening	5555
71	Washburn street	Extending	2457
72	Rhine street	Extending	729
73	East 7th street	Extending	100
74	East 7th street	Extending	605
75	East Stark street	Opening	5460
76	Salmon street	Opening	1090
77	East Oak street	Opening	404
78	Chautauqua Boulevard	Extending	2100
79	East Stark street	Exten. and Widening	3130
80	Wisconsin street	Extending	469
81	East 14th street	Extending	1960
Total			108010

STREET EXTENSION SURVEYS IN 1907—Continued

BETWEEN WHAT POINTS
N. line of Pippin st. to s. line of Willis blvd.
N. line blk. 1, Woodlawn Heights to s. line of Dekum av.
N. line of Ainsworth av. to s. line of Dekum av.
S. end Courtenay st. to n. line of Girard st.
E. line of Sunnyside Add. to west line of Glencoe Park.
E. line S. 32, Tp. 1 N., R. 2 E., W. M., to E. line of Mt. Tabor av.
N. line of Giscome tract to N. line of Oak Knoll annex.
W. line of O. & C. R. R. to ext. w. line of lot 1, blk. 7, Smith's add.
W. line of 25th st. to w. line of 24th st.
N. line, lot J, E. Portland Heights, to n. line of Ellsworth st.
N. line of Frederick st. to s. line of Powell st.
E. line of blks. 16 and 17, Fulton, to w. line of Macadam road.
N. line of Wm. Irving's D. L. C. to e. line of Goldsmith st.
N. line of Highland Park to S. line of Howe st.
N. line of Division st. to s. line of E. Harrison st.
N. line of Bybee st. to n. line of blk. 11, Miller's add. to Sellwood.
S. L. Pippin st. to n. line Portland boulevard.
E. line of E. 16th st. to s. ext. of e. line of county road.
W. line of E. 26th st. to e. line of S. P. R. R. car shop tract.
W. line of E. 11th st. to w. line of Milwaukie st.
N. line of E. Hoyt st. to s. line of Colwell's add.
E. l. Wiberg Lane to c. l. Sandy rd. to c. l. E. Couch to c. l. Division av. int. of c. line of E. Couch st. to w. line of Poplar st.
N. line of Hawthorne av. to w. ext. of n. line of Dolan's add.
E. line of Hawthorne's 1st add. to c. l. of Wiberg Lane to qr. sec. 1 e. and w. 347 ft. more or less to c. line Mt. Tabor av.
S. line of tract Q, Piedmont, to s. line Dekum av.
N. line Brazee st. to s. line of Fremont st.
N. line Brazee st. to s. line of Fremont st.
N. line of Portland boulevard to s. line of Columbia boulevard.
S. line Willis boulevard to n. line S. 17, T. 1 N., R. 1 E., W. M.
E. 8th st. to E. 11th street.
S. l. blk. 22, Woodlawn, to s. line of Magnolia st.
N. line of Ainsworth av. to s. line of Holman st.
Range line between Ranges 1 and 2, E. W. M., to e. line of Scott av.
W. line of 14th st. to e. line of Chapman st.
W. l. lot 5, blk. 6, E. J. Murpby's Add., to w. l. Base Line Add.
N. line Winchell st. to N. line of Willamette boulevard.
Int. Scott av. to Thorburn av.
To connect Wisconsin st. with Corbett st.

SEWER WORK DONE DURING 1907

Number	Name of Street	Date of Estimate	No. of Ord.
1	Albina ave	April 29, 1907	16659
2	Ash street, E	April 29, 1907	16665
2	Belmont street	February 20, 1907	16345
4	Chain of Sewers	March 1, 1907	16445
5	Chain of Sewers	March 1, 1907	16404
6	Dover street	April 29, 1907	16668
7	Elizabeth street	December 17, 1906	15884
8	East 18th street	February 16, 1907	16402
9	East 18th street	January 21, 1907	16272
10	East 11th street	March 1, 1907	16401
11	East 11th street	April 29, 1907	16665
12	East 15th street	March 29, 1906	15406
13	Flint street	January 10, 1907	16225
14	Florida street	January 28, 1907	16221
15	Florida street	August 30, 1906	15803
16	East 14th street	March 1, 1907	16400
17	East 14th street	January 10, 1907	16223
18	Fremont street	November 1, 1906	16035
19	Gantenbein ave	August 20, 1906	15798
20	Garfield ave	November 22, 1906	16160
21	Goodsell ave	February 16, 1907	16405
22	Kerby street	November 22, 1906	16156
23	Knott street	January 21, 1907	16264
24	Mallory ave	January 10, 1907	16228
25	Margin and Cherry streets	November 1, 1906	16446
26	Michigan ave	April 29, 1907	16658
27	Michigan ave	April 29, 1907	16664
28	Minnesota and Cook avenues	January 10, 1907	16227
29	Mississippi ave	April 29, 1907	16669
30	East 19th street	January 21, 1907	16268

SEWER WORK DONE DURING 1907—Continued

EXTENT OF SEWER
From center line of Alberta st. to sewer in Humboldt st.
From present sewer 201 ft. from e. l. of E. 28th st. to 185 ft. e. thereof.
From center line of Myrtle av. to sewer in Belmont st. 18 ft. w. of e. line of Prettyman av. (E. 39th st.)
In Beech st., Grand av., E. 6th, E. 7th, E. 8th and E. 9th sts.
In Beech st., E. 12th and E. 13th sts.
From 125 ft. n. of n. line of Thurman st. to sewer in Vaughn st.
From 150 ft. n. of n. line of Davenport st. to sewer in 16th st.
From 100 ft. n. of n. line of Oregon st. to sewer in Sandy road.
From 25 ft. s. of s. line of Knott st. to sewer in Brazee st.
From 25 ft. s. of s. line of Failing st. to sewer in Fremont st.
From 100 ft. n. of n. line of E. Hoyt st. to sewer in E. Davis st.
From 75 ft. s. of s. line of Tillamook st. to sewer in Hancock st.
From 100 ft. s. of s. line of Page st. to sewer in Hancock st.
From e. curb line of Wisconsin st. to sewer in Florida st., 340 ft. e. of e. line of Wisconsin st.
From 380 ft. w. of w. line of Virginia st. to sewer in Macadam st.
From 85 ft. n. of n. line of Going st. to sewer in E. 14th st. at Failing st.
From 125 ft. s. of s. line of Tillamook st. to sewer in Hancock st.
From 75 ft. w. of w. l. of Grand av. to sewer in Fremont st. at E. 7th st.
From 100 ft. n. of n. l. of Beech st. to sewer in Gantenbein av. at Ivy st.
From 25 ft. s. of s. line of Alberta st. to sewer in Beech st.
From 75 ft. s. of s. line of E. Pine st. to sewer in E. Stark st.
From 50 ft. s. of s. line of Morris st. to sewer in Stanton st.
DISTRICT SEWER.
From s. line of Alberta st. to sewer in Mallory av. at s. line of Mason st.
AS PER PLAN.
From 25 ft. s. of s. line of Fremont st. to sewer in Cook av.
From 125 ft. s. of s. line of Prescott st. to sewer in Michigan av. at Skidmore st.
From a point in Minnesota av. 25 ft. s. of s. line of Fremont st. to a point in Cook av., thence e. to sewer at Cook av and Missouri av..
From center line of Blandena st. to sewer in Prescott st.
From 25 ft. s. of s. line of Knott st. to sewer in Brazee st.

Number	Name of Street	Lineal feet Vitrified Sewer Pipe				
		6''	8''	10''	12''	14''
1	Albina ave		290			
2	East Ash street		170			
3	Belmont street		40		1148	412
4	Chain of Sewers		2530	914	234	234
5	Chain of Sewers		952	232	226	
6	Dover street		326			
7	Elizabeth street		454			
8	East 18th street		446	226	226	480
9	East 18th street	220	22	462		
10	East 11th street		412	414		
11	East 11th street		428	260	512	
12	East 15th street		252			
13	Flint street		410	522		
14	Florida street		348			
15	Florida street		474	248	268	
16	East 14th street		848	412	410	434
17	East 14th street		234			
18	Fremont street		596			
19	Gantenbein ave		600	276		
20	Garfield ave		754	422	592	
21	Goodsell ave	136	386			
22	Kerby street		262			
23	Knott street	2608	2128	2114		
24	Mallory ave		618	694	320	452
25	Margin and Cherry streets		678			
26	Michigan ave		561			
27	Michigan ave		206			
28	Minnesota and Cook avenues		640	260		
29	Mississippi ave		32		474	
30	East 19th street	220	38	460		

SEWER WORK DONE DURING 1907—Continued

Lineal feet Vitrified Sewer Pipe					One-eighth Bends	No. of Y Branches (Diam. in Inches)		
16''	18''	20''	22''	24''		8x6	10x6	12x6
						12		
						8		
								69
	234	646				106	45	8
						40	9	7
						14		
						12		
						20		12
					20		12	
						18	16	
						20	14	20
						8		
						20	18	
						14		
						18	12	8
						39	19	20
						6		
						26		
						27	8	
	420	1254				22	20	35
						16		
						10		
		8		262		190	87	87
						22	40	15
						17		
						23		
						12		
						27	14	
								18
						20	20	

SEWER WORK DONE DURING 1907—Continued

Number	Name of Street	Circular Brick and Stone Sewer		
		28"	32"	30"
1	Albina ave			
2	Ash street, E			
2	Belmont street			
4	Chain of Sewers			
5	Chain of Sewers			
6	Dover street			
7	Elizabeth street			
8	East 18th street			
9	East 18th street			
10	East 11th street			
11	East 11th street			
12	East 15th street			
13	Flint street			
14	Florida street			
15	Florida street			
16	East 14th street			
17	East 14th street			
18	Fremont street			
19	Gantenbein ave			
20	Garfield ave			
21	Goodsell ave			
22	Kerby street			
23	Knott street	260	540	
24	Mallory ave			
25	Margin and Cherry streets			
26	Michigan ave			
27	Michigan ave			
28	Minnesota and Cook avenues			
29	Mississippi ave			
30	East 19th street			

SEWER WORK DONE DURING 1907—Continued

Concr'te Corners	Flat Inlets and Grating Comp'te	Elbows	Manholes		Cubic Yards Excavat'n and Re-filling	Lineal ft. of Sewer	Cost of Sewer
			Com. and C. B.	Compl'e			
1		3	1		209.0	314.0	\$ 329 80
				1	197.0	186.0	243 00
1	1	12	4		1429.0	1790.0	2355 95
9		17	5	5	4963.0	5190.0	6020 84
4		8	2		990.0	1524.0	1283 73
					246.0	354.0	284 95
				1	470.0	478.0	510 80
4		12	4	1	1422.0	1506.0	1945 50
1		1			794.0	786.0	653 57
1		4	1		625.0	896.0	756 35
4		10	3	1	848.0	1308.0	1535 50
					198.5	268.0	129 30
1		3	1		610.0	1010.0	987 50
					154.0	376.0	237 60
2	3	11	3		798.0	1066.0	1033 70
5		15	5		1968.0	2300.0	2566 20
					192.0	246.0	173 10
		2		2	355.5	648.0	504 80
1	1	6	2		645.0	946.0	704 10
10		23	6	2	3504.0	3748.0	5110 20
				1	386.0	554.0	439 85
				1	163.0	282.0	210 60
12		29	7	5	10238.0	8656.0	11654 50
6		14	4	2	1926.0	2282.0	2587 65
2		6	2		340.0	712.0	665 90
2		4	1		371.0	607.0	523 55
				1	113.0	230.0	211 00
		5	2		1369.0	982.0	1260 60
1		3	1		473.0	542.0	667 60
					1037.0	802.0	787 20

SEWER WORK DONE DURING 1907—Continued

Number	Name of Street	Date of Estimate	No. of Ord.
31	East 19th street	April 29, 1907	16663
32	Ohio street	January 10, 1907	16224
33	Oliver av and T (E. Yamhill st., ext. e)	April 2, 1907	16600
34	East Pine street	September 22, 1906	15890
35	Rodney ave	August 30, 1906	15802
36	East 17th street	July 12, 1907	16902
37	East Taylor street	July 26, 1906	15799
38	East Taylor street	May 9, 1907	16666
39	East Taylor street	August 20, 1906	15887
40	East 13th street	November 20, 1906	16159
41	East 21st street	January 10, 1907	16222
42	East 22nd street	February 16, 1907	16346
43	East 23rd street	February 16, 1907	16344
44	East 24th street	February 16, 1907	16347
45	Twenty-fourth street	April 29, 1907	16657
46	East 10th street	March 1, 1907	16403
47	East 27th street	September 22, 1906	15891
48	East 27th street	January 10, 1907	16226
49	East 29th street	September 22, 1906	15892
50	Vernon and Houston streets	April 29, 1906	16662
51	East Water street	December 17, 1906	15885
52	East Yamhill street	February 16, 1907	16406
53	Chain of Sewers	May 14, 1907	16697
54	Mississippi ave	July 12, 1907	16905
55	Montgomery street drive	June 5, 1907	16840
56	Loring street	July 12, 1907	16903
57	Loring street	July 12, 1907	16906
58	East Flanders street	August 26, 1907	17025
59	East 2nd street	July 20, 1907	16968
60	Chain of Sewers	March 1, 1907	16444
	Total		

SEWER WORK DONE DURING 1907—Continued

EXTENT OF SEWER.
From 50 ft. s. of s. line of Thompson st. to sewer in Tillamook st....
From n. line of Bancroft av. to sewer in Hamilton av.....
From center line of Myrtle av. to sewer in Oliver av. at Beck st....
From 70 ft. e. of e. line of E. 19th st. to sewer in E. Pine st., 50 ft. w. of w. line of E. 18th st.....
From s. line of Alberta st. to sewer in Rodney av. at n. line of Mason st.
From 125 ft. s. of s. line of Tillamook st. to sewer in Hancock st....
From center line of Myrtle av. to sewer in E. Taylor st. at Sylvan av.
From 50 ft. w. of w. l. of E. 39th st. to sewer in E. Taylor st. at E. 38th st.
From 100 ft. e. of e. line of Grand av. to sewer in E. 8th st.....
From 25 ft. s. of s. line of Brazee st. to sewer in Thompson st.....
From 40 ft. s. of s. line of Thompson st. to sewer in Tillamook st....
From 25 ft. s. of s. line of Thompson st. to sewer in Tillamook st....
From 85 ft. n. of n. line of Tillamook st. to sewer in E. 24th st., 25 ft. n. of Thompson st.....
From Lot 7, Blk. 12, Doscher's Addition, to sewer in York st.....
From 25 ft. s. of s. line of Failing st. to sewer in Fremont st.....
From n. line of E. Main st. to sewer in E. 27th st. at E. Taylor st....
From 25 ft. s. of s. line of E. Stark st. to sewer in Belmont st.....
From 50 ft. s. of s. line of Sandy road to sewer in E. Irving st.....
From 25 ft. e. of e. line of Aspen st. to Houston st., thence n. in Houston st. to sewer in Franklin st.....
From 25 ft. s. of s. line of E. Main st. to sewer in Hawthorne av.....
From 100 ft. w. of w. line of E. 26th st. to sewer in E. Yamhill st., 300 ft. e. of e. line of E. 23d st.....
In E. Stark st., Buchtel av., E. 32d and E. 33d sts.....
From 50 ft. s. of s. line of Cook av. to sewer in Monroe st.....
From w. cor. of lot 1, blk. A, Smith's Add., to sewer at s. l. of Clifton st.
From 100 ft. n. of n. line of Harding st. to sewer in Essex st.....
From 20 ft. n. of n. line of Albina av. to sewer in Harding st.....
From w. line of Bronaugh's Addition to sewer in E. 24th st.....
From n. line of E. Stark st. to sewer in E. Alder st.....
In Shaver, E. 7th, E. 8th, E. 9th, E. 10th, E. 11th, E. 12th, E. 13th, E. 16th sts., Grand av., E. 12th and Failing sts.....

SEWER WORK DONE DURING 1907—Continued

Number	Name of Street	Lineal feet Vitrified Sewer Pipe				
		6''	8''	10''	12''	14''
31	East 19th street	260	434			
32	Ohio street		584			
33	Oliver av and T (E. Yamhill st., ext. e)		594	775		
34	East Pine street		430			
35	Rodney ave		658	420	610	394
36	East 17th street		184			
37	East Taylor street		802	592		
38	East Taylor street		337			
39	East Taylor street	382	618			
40	East 13th street	420	28		478	
41	East 21st street	270	442			
42	East 22nd street			458		
43	East 23rd street			458		
44	East 24th street		484			
45	Twenty-fourth street		206			
46	East 10th street		432	414		
47	East 27th street		430			
48	East 27th street		948			
49	East 29th street		326	230		
50	Vernon and Houston streets		924			
51	East Water street		458			
52	East Yamhill street		372			
53	Chain of Sewers		1216	782		
54	Mississippi ave		328			
55	Montgomery street drive		1642			
56	Loring street		454	472		
57	Loring street		140	685		
58	East Flanders street		316			
59	East 2nd street			490		
60	Chain of Sewers	70	7170	5350	1252	660
		4586	37092	19042	6750	3066

SEWER WORK DONE DURING 1907—Continued

Lineal feet Vitrified Sewer Pipe					One-eighth Bends	No. of Y Branches (Diam. in Inches)			
16''	18''	20''	22''	24''		8x6	10x6	12x6	
					18	18			
						25			
						24	48		
						22			
						24	20	32	
						8			
						35	19		
						18			
					26	26			
					14			14	
					18	18			
							18		
							18		
						23			
						6			
						18	16		
						24			
						42			
						14	8		
						37			
						18			
						20			
						46	26		
						14			
						29			
						20	19		
							32		
						12			
							24		
	234	234	234	234	464	315	250	74	
	888	2142	234	496	464	322	1500	852	332

SEWER WORK DONE DURING 1907—Continued

Number	Name of Street	Circular Brick and Stone Sewer		
		28"	32"	30"
31	East 19th street			
32	Ohio street			
33	Oliver av and T (E. Yamhill st., ext. e)			
34	East Pine street			
35	Rodney ave			
36	East 17th street			
37	East Taylor street			
38	East Taylor street			
39	East Taylor street			
40	East 13th street			
41	East 21st street			
42	East 22nd street			
43	East 23rd street			
44	East 24th street			
45	Twenty-fourth street			
46	East 10th street			
47	East 27th street			
48	East 27th street			
49	East 29th street			
50	Vernon and Houston streets			
51	East Water street			
52	East Yamhill street			
53	Chain of Sewers			
54	Mississippi ave			
55	Montgomery street drive			
56	Loring street			
57	Loring street			
58	East Flanders street			
59	East 2nd street			
60	Chain of Sewers			922.4
		260	540	922.4

SEWER WORK DONE DURING 1907—Continued

Concr'te Corners	Flat Inlets and Grating Comp'te	Elbows	Manholes		Cubic Yards Excavat'n and Re-filling	Lineal ft. of Sewer	Cost of Sewer
			Com. and C. B.	Compl'e			
		3	1		573.0	730.0	\$ 614 50
		6	2	2	372.0	634.0	507 40
2		3	1	1	726.0	1513.0	1367 20
1		18	5		334.0	474.0	356 75
8					1696.0	2270.0	1992 20
					148.0	200.0	148 20
	1	7	2		700.0	1502.0	963 50
3				2	217.0	373.0	371 95
	2	6	2		922.0	1104.0	1080 80
	1				749.0	982.0	704 00
				1	546.0	784.0	567 20
				1	334.0	494.0	436 80
				1	304.0	494.0	427 20
	1	1		1	361.0	530.0	395 60
					113.0	218.0	165 40
2		4	1		856.0	916.0	855 70
1		3	1	1	426.0	478.0	379 50
1	1		1	2	906.2	1032.0	947 70
1	1	4	1	1	323.0	602.0	432 25
		3	1	1	630.0	998.0	1035 70
1		3	1		302.0	494.0	458 40
1		3	1		304.0	412.0	377 60
2		8	3	1	1407.0	2142.0	1982 24
			1		243.0	356.0	343 45
				5	707.0	1706.0	1369 93
4		8	2	2	550.0	1004.0	1104 18
5		13	4		610.0	889.0	1187 81
				1	233.0	340.0	297 78
				2	320.0	538.0	785 40
42		106	32	7	17140.0	18250.4	24740 15
145	10	385	116	56	70096.2	83048.4	92781 43

LENGTH AND INTERIOR DIAMETER OF SEWERS AS LAID IN DIFFERENT YEARS TO DECEMBER, 1907, IN THE CITY OF PORTLAND (BY ORDINANCE).

YEAR	Circular Sewer Diameter in Inches					
	84	82	80	78	76	74
1875						
1876						
1877						
1878						
1879						
1880						
1881						
1882						
1883						
1884						
1885						
1886						
1887						
1888						
1889						
1890						
Prev. to July 1, 1891, in dist. annex'd by con'd'n						
1891						
1892	200				400	
1893	1360	260	1069	162	1200	140
1894						
1895						
1896						
1897						
1898						
1899						
1900						
1901			1078			
1902						
1903						
1904						
1905						
1906						
1907						
Total	1560	260	2147	162	1600	140

LENGTH AND INTERIOR DIAMETER OF SEWERS AS LAID IN DIFFERENT YEARS TO DECEMBER, 1907, IN THE CITY OF PORTLAND (BY ORDINANCE)—CONTINUED.

YEAR	Circular Sewer Diameter in Inches							
	72	66	62	60	56	54	52	50
1875								
1876								
1877								
1878	100							
1879								
1880								
1881								
1882								
1883								
1884								
1885								
1886	307							
1887								
1888								
1889								
1890								
Prev. to July 1, 1891, in dist. annex'd by con'd'n								
1891	3600							
1892	769			1010		930	520	
1893	520						260	359
1894	325							
1895								
1896								
1897								
1898								
1899								
1900								
1901								
1902				406				
1903								
1904		1096		30			834	
1905								
1906			570		530			
1907			847		630			
Total	5621	1096	1417	1446	1160	930	1614	359

LENGTH AND INTERIOR DIAMETER OF SEWERS AS LAID IN DIFFERENT YEARS TO DECEMBER, 1907, IN THE CITY OF PORTLAND (BY ORDINANCE)—CONTINUED.

YEAR	Circular Sewer Diameter in Inches					
	48	46	44	42	40	38
1875						
1876						
1877						
1878						
1879						
1880						
1881						
1882						
1883						
1884						
1885						
1886						
1887						
1888						
1889						
1890						
Prev. to July 1, 1891, in dist. annexed by con's'd.						
1891						
1892	1798			1570	550	515
1893	1000	2653	260	603	1114	330
1894						
1895						
1896						
1897						
1898						
1899						
1900					311	260
1901				1099		
1902						
1903	604		450	130	902	
1904					592	
1905						
1906						
1907						
Total	3402	2653	710	3402	3469	1105

LENGTH AND INTERIOR DIAMETER OF SEWERS AS LAID IN DIFFERENT YEARS TO DECEMBER, 1907, IN THE CITY OF PORTLAND (BY ORDINANCE)—CONTINUED.

YEAR	Circular Sewer Diameter in Inches						Oval Sewer Diam. in Inches	
	36	34	32	30	28	24	99x66	96x64
1875								
1876								
1877								
1878								
1879								
1880								
1881								
1882								
1883								
1884								
1885								
1886								
1887								
1888								
1889								
1890								
Prev. to July 1, 1891, in dist. annexed by con's'd.								
1891							1070	
1892	2644	480		803.0	490		673	
1893	857	360		1089.0			2346	
1894			400					
1895								
1896								
1897								
1898								
1899								
1900	260	1442	786	212.0				
1901	1256							
1902								
1903								
1904								
1905		115						
1906							2147	1815
1907								
Total	5017	2397	2259	3026.4	750	4089	2147	1815

Summary of Length and Material of Roadways in City of Portland

ROADWAY	In place January 1, 1907		Laid during 1907			
	In Lineal ft.	In Miles	In Lineal ft.	In Miles	On West Side in Miles	On East Side in Miles
Steel Bridge	1195	.227	350	.066		.066
Asphalt	25866	4.899	19755	3.741	.199	3.542
Stone Blocks	24541	4.648	3350	.634	.634	
Wood Blocks	10280	1.947				
Bitulithic	51864	9.823	16596	3.143	1.755	1.388
Macadam	336968	63.820	45784	8.671	1.807	6.864
Gravel	460461	87.208	26862	5.088		5.088
Plank Roadway	36582	6.928	2738	.519		.519
Elevated Roadway	17588	3.331				
Vitrified Brick	6531	1.237				
Graded st., (earth grade)	456107	86.384	136246	25.804	1.129	24.675
Bituminous Macadam			805	.152	.152	
Total	1427983	270.452	252486	47.818	5.676	42.142
SIDEWALK						
Artificial Stone	1022598	193.674	298076	56.453	3.807	52.646
Wood	969950	183.703	120560	22.833	.163	22.670
Gravel	39439	7.469	16165	3.062		3.062
Cinder	827	.157				
Wood Block	100	.019				
Bitulithic	200	.038				
Brick	2091	.396				
Asphalt	2762	.523				
Total	2037967	385.979	434801	82.348	3.970	78.378

Summary of Length and Material of Roadways in City of Portland.—Continued.

ROADWAY	In place January 1, 1908				Actual cost of improv. work for 1907		
	In lin'1 ft.	In Miles	On W. Side in miles	On E. Side in miles	West Side	East Side	Total
Steel Bridge	1545	.293	.227	.066	\$	\$ 63,501 27	\$ 63,501 27
Asphalt	45621	8.640	5.164	3.476	11,631 71		11,631 71
Stone Blocks	27891	5.282	5.282		36,397 27		36,397 27
Wood Blocks	10280	1.947	1.747	.200			
Bitulithic	68460	12.966	8.036	4.930	84,899 15	110,388 38	195,287 53
Macadam	382752	72.491	60.341	12.150	25,088 96	238,516 83	263,605 79
Gravel	487323	92.296	.076	92.220		115,400 83	115,400 83
Plank Roadway	39320	7.447	.807	6.640		11,401 24	11,401 24
Elevated Roadway	17588	3.331	.921	2.410			
Vitrified Brick	6531	1.237	.937	.300			
Graded st., (earth grade)	592353	112.188	11.636	100.552	17,378 86	182,880 66	200,259 52
Bituminous Macadam	805	.152	.152				
Total	1680469	318.270	95.326	222.944	\$ 175,395 95	\$ 722,089 21	\$ 897,485 16
SIDEWALK							
Artificial Stone	1320674	250.127					
Wood	1090510	206.536					
Gravel	55604	10.531					
Cinder	827	.157					
Wood Block	100	.019					
Bitulithic	200	.038					
Brick	2091	.396					
Asphalt	2762	.523					
Total	2472768	468.327					

SUMMARY OF PERMITS, ETC., ISSUED.

	1907.	1906.
Permits to construct cement and wooden walks.....	1433	1358
Permits to open streets for gas, water and sewers.....	1688	1818
Permits to privately improve streets	342	316
Permits to move buildings	120	60
Permits to hang signs	104	52
Permits to use streets for building purposes	1576	1638
Certificates issued for completed walks.....	882	547
Notices posted to repair sidewalks.....	2167	2452

STREETS VACATED DURING 1907

Name of Street	Between Points	Portion Vacated
1 Cole street . . .	E. line of e 19th st. and w line of e 21st st.	All.
2 Hull street . . .		All exc. alleyway 20 ft. wide in center of Hull street.
3 Forty-first st., E.	S. line Ellsworth st. and southerly termination of e 41st st. in city	All.
4 Franklin street .	Intersection of Kelly, e 37th and Franklin sts., and s. e. corner lot 5, blk. 50, Waverly	All.
5 Elizabeth street .	Sixteenth and Davenport sts.	All exc. strip of land 30 ft. wide cen. of Elizabeth st.
6 Twenty-fifth st .	N. line Thurman st. and s. line of Vaughn st.	Portions 25th st. lying bet. w. line of Lots 10, 11, 14, 15, 18 in blk 6, Wilsons Add. and e line of 25th st. and bet. e line lots 1, 4, 5, 8, blk. 7, Wilsons Add. and w. line of 25th st. as established by Ord. No. 10266.
7 Eleventh street .	S. line of Jackson st. and southerly termination of said 11th street	All.
8 Vacating Plat of	"E. St. Johns Acre Tract incl. all sts. and ave's the'n	All.
9 Twelfth street . .	S. line of College st. to southerly term'n of 12th st. .	All.
10 Thirteenth street .	N. line of Jackson st. and southerly term'n of 13th st. .	All.
11 Fourteenth street	S. line of College st. to a line 100 ft. n. of n. line of Spring street	All.
12 Lownsdale street	N. line of Jackson st. to n. line of Myrtle st.	All.
13 Jackson street . .	W. line of 11th st. to e. line of 16th st.	All.
14 Clifton street . .	Ext'n of e boundary line lot 8, blk. 235 Portland and w. line of Lownsdale st.	All.
15 Myrtle street . .	W. line of 10th st. and extension of w. line of Lot 1, Blk 297, Portland	All.

STATEMENT SHOWING AVERAGE CONTRACT PRICES FOR STREET IMPROVEMENT DURING 1907.

Kind of Improvement—	Unit.	Price.
Asphalt pavement, 5 in. concrete, 2 in. surface.....	per sq. yd.	\$2.25
Bitulitic pavement, 4 in. crushed rock, 2 in. surface.....	per sq. yd.	2.02
Stone block (new), exclusive of foundation.....	per sq. yd.	2.73
Stone block (redressed and relaid), exc. foundation.....	per sq. yd.	1.70
Macadam	per cu. yd.	2.47
Gravel	per cu. yd.	2.02
Plank roadway, 18 feet wide	per lin. ft.	1.75
Plank roadway, 30 feet wide	per lin. ft.	2.50
Concrete, 6 inches thick	per sq. yd.	0.98
Earth excavation	per cu. yd.	0.39
Earth embankment	per cu. yd.	0.20
Artificial stone sidewalks	per sq. yd.	0.12
Wood sidewalk, 6 feet wide, without curb	per lin. ft.	0.40
Wood sidewalk, 12 feet wide, with curb	per lin. ft.	1.10
Wood sidewalk, 18 feet wide, with curb	per lin. ft.	1.43
Gravel sidewalk, 6 feet wide, without curb	per lin. ft.	0.40
Artificial stone curb	per lin. ft.	0.39
Wood curb	per lin. ft.	0.15
Wood crosswalk	per lin. ft.	0.56
Box gutter wood	per lin. ft.	0.57
Open gutter wood	per lin. ft.	0.21
Stone block gutter	per lin. ft.	0.56
Stone block header (double row).....	per lin. ft.	0.50
Drain tile (3-inch inside diameter), laid in gravel....	per lin. ft.	0.12
Vitrified drain pipe, 6-inch, laid and connected.....	per lin. ft.	0.40
Inlets	each	18.13

Statement of Expenditures of the City Engineer's Department for Salaries, Labor and Material for the Year 1907. General Fund.

MONTH	Office Salaries	Salaries of Surveying Parties	Salaries of General Inspectors	Salaries of Inspectors of Stone Brick Sewers	Salaries of Inspectors of Streets Walks and Pipe Sewers	Salaries of Sewer Repairers and Teamsters
JANUARY.....	\$ 1,418 70	\$ 2,020 00	\$ 125 00	\$.	\$ 417 00	\$ 489 19
FEBRUARY.....	1,500 00	2,009 28	125 00	112 00	531 00	521 60
MARCH.....	1,444 80	2,152 90	125 00	149 00	648 50	636 61
APRIL.....	1,471 33	2,165 00	125 00	198 00	780 00	685 00
MAY.....	1,477 09	2,189 19	125 00	234 00	984 00	716 45
JUNE.....	1,456 83	2,355 50	125 00	225 00	959 00	703 59
JULY.....	1,533 55	2,519 68	125 00	193 00	1,094 00	760 00
AUGUST.....	1,711 29	2,432 88	125 00	193 00	1,238 00	760 00
SEPTEMBER.....	2,007 84	2,670 00	125 00	216 00	1,190 00	747 50
OCTOBER.....	2,130 00	2,770 00	125 00	234 00	1,259 00	760 00
NOVEMBER.....	2,155 00	2,770 00	125 00	320 00	1,055 00	760 00
DECEMBER.....	2,155 00	2,484 99	125 00	228 00	752 00	760 00
Totals.....	\$ 20,460 43	\$ 28,839 42	\$ 1,500 00	\$ 2,302 00	\$ 10,902 50	\$ 8,299 94

Statement of Expenditures of the City Engineer's Department for Salaries, Labor and Materials
for the Year 1907. General Fund.—Continued

MONTH	Cost of Materials for Repairs of Sewers	Cost of Caring for Teams	Cost of Printing Supplies for Office Sur- vey and Dr'giting Depts.	Cost of Supplies for General Equipment	Salary of Cement Tester	Totals for 1907
JANUARY	\$ 121 26	\$ 38 42	\$ 140 87	\$	\$	\$ 4,770 44
FEBRUARY	114 45	75 59	127 96	. . . . .	. . . . .	5,116 88
MARCH	48 51	67 69	351 85	. . . . .	. . . . .	5,619 86
APRIL	450 58	73 44	420 99	50 35	. . . . .	6,419 69
MAY	290 16	69 20	226 63	476 71	. . . . .	6,788 45
JUNE	414 88	67 83	181 36	183 70	100 00	6,772 19
JULY	545 10	57 69	156 68	61 70	100 00	7,146 40
AUGUST	372 70	23 92	153 35	15 75	100 00	7,125 89
SEPTEMBER	366 89	93 65	204 57	172 84	100 00	7,893 79
OCTOBER	519 19	50 31	330 10	28 28	100 00	8,305 88
NOVEMBER	221 99	73 30	173 73	506 44	100 00	8,260 46
DECEMBER	276 29	36 13	326 91	. . . . .	100 00	7,244 32
Totals	\$ 3,742 00	\$ 727 17	\$ 2,795 00	\$ 1,495 77	\$ 700 00	\$ 81,464 23

Statement of Expenditures of the City Engineer's Department for Salaries, Labor and Materials
Street Repair Fund 1907

MONTH	Salary of Survey Party	Salary of Clerk and General Inspectors	Amount Paid Bridge Carpenters	Amount paid Street Repairers	Amount paid Traction Engineers	Amount paid for Team Hire	Cost of Fuel, Oil and Repairs for four Road Rollers
JANUARY	\$ 319 51	\$ 505 00	\$ 665 75	\$ 1,057 50	\$ 332 80	\$ 182 25	\$ 194 71
FEBRUARY	385 00	505 00	605 00	1,048 75	280 80	194 50	170 25
MARCH	432 90	505 00	659 50	1,226 25	338 40	350 50	344 75
APRIL	514 00	505 00	661 25	1,227 50	370 80	255 00	168 63
MAY	522 90	505 00	681 50	1,267 50	352 80	257 50	411 53
JUNE	535 00	505 00	637 50	1,182 50	373 20	242 50	280 00
JULY	468 23	505 00	664 00	1,183 75	417 60	260 00	406 50
AUGUST	531 12	503 55	685 00	1,272 50	406 40	265 00	380 19
SEPTEMBER	535 00	477 50	637 50	1,261 25	377 60	245 00	385 99
OCTOBER	545 00	520 00	681 50	1,325 00	397 20	305 00	299 31
NOVEMBER	540 00	520 00	635 00	1,306 25	374 80	332 50	399 30
DECEMBER	491 77	520 00	614 00	1,307 50	368 00	360 00	154 50
Totals	\$ 5,820 43	\$ 6,076 05	\$ 7,827 50	\$ 14,666 25	\$ 4,390 40	\$ 3,249 75	\$ 3,595 66

Statement of Expenditures of the City Engineers Department for Salaries, Labor and Materials
Street Repair Fund 1907.—Continued.

MONTH	Cost of Materials for Crosswalks and Gutters	Cost of Materials for Repair of Roadways	Cost of Materials for Re- pair of Elevated Road- ways, Bridges and Fills	Cost of Materials and Labor for Constructing Sidewalks	Cost of Materials for Repairing Hard Surface Pavements	Totals for 1907
JANUARY	\$	\$ 4,039 25	\$ 133 10	\$	\$ 214 04	\$ 7,708 91
FEBRUARY	177 46	1,091 64	294 25	286 32	282 10	7,678 73
MARCH	1,007 10	2,176 78	17 51	698 14	289 44	4,857 29
APRIL	772 18	2,473 67	112 57	948 87	284 30	6,754 81
MAY	520 48	773 57	119 79	1,006 98	12 58	8,277 96
JUNE	523 46	764 58	780 18	1,046 52	1,373 83	6,613 44
JULY	961 72	515 95	16 15	1,141 95	487 28	6,840 50
AUGUST	777 57	161 30	549 34	964 14	735 81	7,383 99
SEPTEMBER	697 50	204 30	962 39	1,193 55	561 51	7,345 31
OCTOBER	799 58	438 08	50 90	859 76	324 61	6,601 66
NOVEMBER	153 46	855 38	1,449 00	602 94	324 61	7,233 30
DECEMBER						7,201 16
Totals.	\$ 6,393 51	\$ 14,408 20	\$ 4,485 18	\$ 8,749 17	\$ 4,515 46	\$ 84,152 38

LIST OF PROPERTY IN CHARGE OF THE CITY ENGINEER'S
DEPARTMENT, DECEMBER 31, 1907.

Furniture and Supplies.

Three roll top desks, 3 flat top desks, 4 small desks, 6 tables, 6 drawing tables, 13 map and record cases, 2 wardrobes, 2 filing cabinets, 37 chairs, 7 stools, 1 copying press and stand, 1 typewriter and desk, 5 waste baskets, 7 spittoons, 3 umbrella holders, 8 lockers for instruments, 1 small step-ladder, 19 desk lights and shades, 9 hanging lights and shades, 1 safe, records, permit books, blanks and office stationery.

Surveying and Drawing Instruments and Cement Testing Apparatus.

One level, 8 transits, 9 level rods, 4 steel tapes (100 feet), 11 steel tapes (50 feet), 1 hand level, 10 axes, 4 brush axes, 26 plumb bobs, 2 bridge plumb bobs, 1 pick, 1 shovel, 10 triangles, 10 scales, 1 steel straight edge, 3 T-squares, 2 protractors, 1 set drawing instruments, 3 pair shears, 1 pair beam compasses, 2 French curves, 62 briquette glasses, 1 Riehle boiling apparatus, 2 buckets, 1 brush, 1 cement sampler, 2 Fairbank's avoirdupois scales, 1 Fairbank's Gram scales, 55 fruit jars (½ gallon), 1 Fairbank's testing machine, 3 4-gang molds, 12 single molds, 1 measuring flask, 1 hammer, 100 briquette pans, 1 Riehle thermometer, 1 Riehle Vicat needle, 2 pair rubber gloves, 1 saw, 6 screens, 3 trowels.

Tools and Equipment for General Repair Work.

Four steam rollers, 2 horse rollers, 3 sprinkling wagons, 1 platform spring wagon, 1 buggy, 1 repair wagon, 1 set double harness, 1 set single harness, 3 horses, 3 horse covers, 2 tool wagons, 3 tool boxes, 1 flat bottom boat, 1 adze, 10 augers, 2 cold chisels, 6 crowbars, 4 pinch bars, 3 stone hammers, 450 feet fire hose, 3 grindstones, 2 dollies, 4 sledge hammers, 3 paving hammers, 1 carpenter's hammer, 4 hand saws, 3 chisels, 2 hand trucks, 7 hand axes, 1 sewer hook, 14 hoes, 14 jack screws, 4 jack bars, 12 lanterns, 2 ladders, 4 mattocks, 3 oil cans, 3 padlocks, 6 peavies, 33 picks, 4 pike poles, 2 pitchforks, 1 pump, 4 rakes, 250 feet of rope 5/8 inch, 1 snatch block, 80 feet Manila line 1 1/2 inch, 75 feet rope 3/4 inch, 75 feet rope 1 inch, 3 saw clamps, 37 dirt shovels, 3 sewer shovels, 1 post-hole shovel, 1 sewer drag, 1 scythe, 2 mauls, 1 spirit level, 3 squares, 3 tampers, 3 trowels, 1 metallic tape, 1 sewer windlass, 6 buckets, 14 wheelbarrows, 7 wrenches, 3

blocks, 1 block and fall, 4 sling chains, 32 staging bolts, 14 lantern globes, 1 ship auger, 13 crosscut saws, 1 wire screen, 1 mixing box, 200 feet curb forms, 400 feet sidewalk forms, 10 pick handles, 1 5-foot iron radius form, 1 3-foot iron radius form, 100 feet canvas cover, 1 jointer—extra heavy, 1 brick hammer, 1 6-pound hammer, 2 sledge handles, 1 filing spade, 1 saw set, 1 curry comb, 2 brushes, 2 headlight lanterns, 230 feet sewer rods, 1 grader scraper No. 2, 14 axes.

ANNUAL REPORT

—OF—

City Attorney

To the Honorable Mayor and Council of the City of Portland.

Gentlemen: I herewith submit the Annual Report of the City Attorney of the City of Portland for the year ending December 31, 1907.

During the year there were rendered by the City Attorney to the different departments of the city 116 formal written opinions. During said time the City Attorney has mailed 336 other communications.

During the year 1907 there were tried in the Municipal Court 7500 cases.

The work of this Department has almost doubled during the latter part of the year 1907.

CASES DISPOSED OF DURING THE YEAR 1907.

People's Market Association

vs.

The City of Portland.

Suit to enjoin City from revoking franchise. Demurrer to complaint sustained.

The City of Portland

vs.

F. W. Wagner.

Appeal from Municipal Court. Dismissed.

The City of Portland

vs.

Mai Wai.

Appeal from Municipal Court. Dismissed.

Lee Wan, et al.

vs.

Chief of Police.

Appeal from Municipal Court. Defendants discharged.

The City of Portland
vs.

Hannah Beck.

Appeal from award of viewers in assessing cost of improving Montana Avenue. Dismissed.

H. G. Wagnon
vs.

The City of Portland.

Suit to require City to put free water amendment on official ballot.
Decision in favor of City.

A. G. Vaughn
vs.

Lane, Mayor.

Suit to reinstate plaintiff on detective force. Settled.

J. F. Resing
vs.

The City of Portland.

Suit to reinstate plaintiff on detective force. Decree for plaintiff.

Joseph Day
vs.

The City of Portland.

Suit to reinstate plaintiff on detective force. Decree for plaintiff.

L. G. Carpenter
vs.

The City of Portland.

Suit to reinstate plaintiff on detective force. Decree for plaintiff.

Frank J. Snow
vs.

The City of Portland.

Suit to reinstate plaintiff on detective force. Decree for plaintiff.

George T. Myers, et al.
vs.

The City of Portland.

Suit to enjoin collection of assessment for improvement of Third Street. Decree for plaintiff.

Mary Phelps Montgomery

vs.

The City of Portland.

Action to eject City from possession of certain lots in vicinity of Hancock Street. Decree in favor of plaintiff.

Thor. C. Landswick

vs.

Harry Lane, Mayor.

Appeal to the Supreme Court from judgment of the Circuit Court dismissing mandamus proceedings. Decision of the Supreme Court in favor of defendants.

CASES PENDING IN THE SUPREME COURT OF THE STATE OF OREGON.

R. R. Duniway

vs.

The City of Portland.

Suit to enjoin the awarding on contract for the improvement of Sixth Street. Pending Abstract filed.

Ellis G. Hughes, et al.

vs.

The City of Portland, et al.

Writ of review of proceedings of the Council for re-assessment for the improvement of Yamhill Street. Pending. Abstract filed.

John Mitchell, et al.

vs.

The City of Portland.

Writ of review of proceedings of Council for re-assessment for improvement of Goldsmith Street. Pending. Briefs filed.

James W. Applegate, et al.

vs.

The City of Portland.

Writ of review of proceedings of Council for the improvement of Alhina Avenue. Pending. Briefs filed.

W. H. H. Morgan, et al.

vs.

The City of Portland, et al.

Writ of review of proceedings of the Council for re-assessment for improvement of River Street. Pending. Abstracts filed.

Wm. Beckett, et al.

vs.

The City of Portland, et al.

Suit to enjoin collection of assessment for Irvington sewer. Pending. Briefs filed.

Louis Zimmerman

vs.

The City of Portland.

Writ of habeas corpus, in prosecution for maintaining slaughter house within the city limits. Pending. Briefs filed.

Francis I. McKenna

vs.

The City of Portland.

Suit to declare charter amendments invalid. Pending. Abstracts filed.

IN THE CIRCUIT COURT OF THE STATE OF OREGON FOR
MULTNOMAH COUNTY.

The City of Portland

vs.

Isabella M. A. Barnes.

Appeal from award of viewers in street opening (Montgomery Street Drive). Set for trial.

Edith E. Miller, et al.

vs.

The City of Portland, et al.

Suit to enjoin collection of assessment for improvement of Denver Avenue. Pending on demurrer to amended complaint.

The City of Portland

vs.

Amalia Kellar.

Appeal from award of viewers in street opening proceedings (Portland Boulevard). Set for trial.

Mount Hood Railway & Power Co. (Clackamas County).

Suit to condemn right of way for railroad through City property.

Set for trial.

W. Y. Masters

vs.

The City of Portland.

Suit to enjoin City from turning off water. Pending on demurrer to amended complaint.

Margaret Holland

vs.

The City of Portland.

Appeal from award of viewers in the opening of Mill Street. Set for trial.

The City of Portland

vs.

L. Zimmerman.

Appeal from the Municipal Court. Tried and waiting decision of the Circuit Court.

The City of Portland

vs.

B. W. Fisher.

Writ of review of proceedings of Council for the improvement of Front Street. Pending.

J. Reiff, et al.

vs.

The City of Portland.

Writ of review of proceedings of Council for the improvement of Seventeenth Street. Pending.

J. O. Spencer, et al.

vs.

The City of Portland.

Writ of review of proceedings of Council for the improvement of Mississippi Avenue. Pending.

- Geo. H. Cook, et al.
vs.
The City of Portland, et al.
Writ of review of proceedings of Council for the improvement of
Karl Street. Pending.
- A. S. Nichols, et al.
vs.
The City of Portland.
Suit to enjoin collection of assessment for the improvement of
Union Avenue. Pending.
- German Savings and Loan Society
vs.
The City of Portland.
Suit to quiet title. Pending settlement.
- J. Eder
vs.
The City of Portland.
Writ of review of proceedings of Council for the improvement of
Hooker Street. Pending.
- Portland Cordage Company
vs.
The City of Portland.
Suit to enjoin collection of the assessment for Tanner Creek
Sewer. Pending on demurrer to complaint.
- Oregon Real Estate Co.
vs.
The City of Portland.
Suit to enjoin collection of assessment for improvement of Clack-
amas Street. Pending on demurrer to complaint.
- City of Portland
vs.
Mary Robertson.
Appeal from report of viewers in matter of street opening (East
Seventeenth Street). Pending.
- L. O. Ralston, et al.
vs.
The City of Portland.
Suit to quiet title. Pending settlement.

- The City of Portland
vs.
Frank L. Smith Meat Co.
Appeal from Municipal Court. Set for trial.
- Savings and Loan Society
vs.
Huntington, et al.
Suit to quiet title. Pending settlement.
- Number of cases disposed of during 1907..... 14
Total number of cases pending..... 28

Respectfully submitted,

J. P. KAVANAUGH,
City Attorney.

To the Honorable Mayor and Members of the Executive Board, City of Portland:

GENTLEMEN:—I herewith submit the report of the Building Department for the Year ending December 31, 1907.

Tabulated Statement of Permits issued for the Year ending December 31, 1907.

MONTH	Repairs		Sheds and Barns		Dwellings (E. Side)		Dwellings (W. Side)		Buildings Class A. B. C.	
	Permits	Value	Permits	Value	Permits	Value	Permits	Value	Permits	Value
JANUARY	61	\$ 31,360	14	\$ 2,295	101	\$ 158,920	13	\$ 107,950	6	\$ 265,900
FEBRUARY	59	31,810	26	7,985	143	226,003	14	64,900	12	472,900
MARCH	74	38,569	29	16,840	143	228,055	26	123,450	6	202,500
APRIL	91	49,172	42	6,885	207	370,290	19	82,850	12	971,800
MAY	126	81,902	67	10,140	215	379,350	29	190,000	14	339,200
JUNE	99	52,845	33	10,815	208	381,240	25	153,450	7	251,800
JULY	106	76,671	33	6,525	191	353,925	23	135,700	7	87,600
AUGUST	108	84,275	66	12,480	150	297,040	19	66,800	14	282,100
SEPTEMBER	93	72,540	40	7,460	186	368,850	13	26,000	14	406,950
OCTOBER	131	55,530	66	24,080	179	308,225	17	72,550	12	106,050
NOVEMBER	47	18,570	27	3,715	69	128,850	6	15,400	5	10,800
DECEMBER	52	76,150	16	13,475	58	92,600	2	3,800	5	116,720
Totals	1047	\$ 669,394	459	\$ 122,695	1858	\$3,293,338	206	\$1,042,850	114	\$ 3,513,320

Tabulated Statement of Permits Issued for Year ending December 31, 1907.—Continued.

MONTH	Frame Business Blks		Reinforced Concrete		Excavations		Total Value	Total Permits
	Permits	Value	Permits	Value	Permits	Value		
JANUARY	9	\$ 25,250			6	\$ 12,800	\$ 604,475	218
FEBRUARY	20	74,550			4	8,600	886,748	278
MARCH	11	31,325	1	1,000	5	18,000	659,729	295
APRIL	12	26,180	2	12,000	4	8,300	1,526,977	389
MAY	27	86,640	1	60,000	2	5,500	1,152,732	481
JUNE	10	15,100					865,250	382
JULY	10	82,200	4	19,750			762,371	374
AUGUST	28	133,905	4	4,760			881,360	389
SEPTEMBER	15	58,500	1	3,000			943,300	362
OCTOBER	14	60,850	3	18,300			645,585	422
NOVEMBER	8	22,375					199,210	162
DECEMBER	4	15,500	1	1,000			319,245	138
Totals	168	\$ 632,375	17	\$ 119,810	21	\$ 53,200	\$ 9,446,982	3890

Comparison of Permits Issued by Months. Years 1906—1907.

MONTH	1906		1907	
	Permits	Valuation	Permits	Valuation
JANUARY	183	\$ 405,643	218	\$ 604,475
FEBRUARY	211	328,298	278	886,748
MARCH	267	432,385	295	659,729
APRIL	255	571,808	389	1,526,977
MAY	244	1,008,695	481	1,152,732
JUNE	230	407,307	382	865,250
JULY	269	740,621	374	762,371
AUGUST	280	718,091	389	881,360
SEPTEMBER	226	409,136	362	943,300
OCTOBER	449	830,355	422	645,585
NOVEMBER	307	675,225	162	199,210
DECEMBER	245	374,468	138	319,245
Totals.	3166	\$ 6,902,032	3890	\$ 9,446,982

Building permits have been issued during past years as follows:

	Permits	Valuation
1900	392	\$ 944,985
1901	745	1,529,143
1902	1244	2,730,660
1903	1628	4,281,056
1904	1720	4,029,225
1905	2318	4,183,368
1906	3166	6,902,032
1907	3890	9,446,982

During the past year several additions were made to the working force in this office. On April 1st an additional deputy was provided. May 4th a civil engineer was employed, and in August a stenographer was added.

During the year 9725 visits were made, 4125 new and old buildings were inspected, 1277 violations of the building ordinance were rectified, 1377 written notices served, seventeen cases prosecuted in the Municipal Court, and an entire new building ordinance prepared.

The cost of maintaining the department during the past year was \$6377.40, and the amount collected from building permits was \$5828.00.

No additions have been asked for the ensuing year, and the amount required to cover salaries and car fare will be \$7930.

The receipts during the year 1906 exceeded the expenses of this office by \$3304.85. In 1907 the expenses of the office exceeded the receipts by \$549.00.

Building operations will be active during the coming year, as many projects now planned are to be carried out, and the cost of building materials and labor have fallen 20 per cent.

The present force should by all means be maintained during the coming year. During the past year we averaged two visits for each permit issued, and should the number of permits issued the coming year be diminished by one-half, we would average but four inspections for each building, which is far from the proper attention that should be paid to each building. The present force had two hours in which to inspect and approve the plans and superintend the erection of each structure called for by each permit issued during the past year, which no one can claim is sufficient. From these two hours must be deducted the time required in traveling to make the two visits allowed each structure.

Very respectfully submitted,

W. IRVING SPENCER,
Building Inspector.
Per G. E. D.

ANNUAL REPORT

OF

Street Cleaning and Sprinkling Department

To the Honorable Mayor and Executive Board of the City of Portland.

Gentlemen: I respectfully submit herewith a report in detail of the receipts and expenditures of the Street Cleaning and Sprinkling Department of the City of Portland for the year 1907, together with a table showing the miles of streets improved and undergoing improvement, and the equipment and number of men provided for the cleaning and sprinkling of the same. I also submit an estimate of the funds necessary for operating the Street Cleaning and Sprinkling Department for the year 1908, including the branch located on the east side of the river.

The Common Council appropriated for the maintenance and operation of the Street Cleaning and Sprinkling Department for the year ending December 31, 1907, the sum of \$110,500.00, segregated into appropriations and expenditures as shown in the following statement, to-wit.:

APPROPRIATIONS.

Appro. Ord. No. 16136.....	\$ 110,000.00
Appro. Ord. No. 16529.....	500.00
	\$ 110,500.00

Claims audited and warrants drawn:

Salaries entire department	\$ 60,496.39
Feed	7,036.21
Veterinary surgeon, salary	100.00
Team hire	11,031.25
East Side barn	10,211.00
Horses, new equipment	3,875.00
Sprinklers, equipment	2,358.20
Electric sprinklers	3,856.19

Power brooms, equipment	837.04
Rattan	1,286.88
Shoeing horses	1,218.05
Harness	506.51
Oil wagon	600.00
Miscellaneous	2,345.33
Rent of property adjoining city barn.....	260.00
Blacksmithing	526.44
Hose	156.40
Lumber	446.24
	\$ 107,147.15
Total warrants drawn	\$ 107,147.15
Balance of appropriation cancelled	3,352.85
	\$ 110,500.00

In the year 1907 there were 196.15 miles of improved streets in this city to be cleaned and sprinkled, as shown in following statement:

Steel bridge .....	.23 miles
Asphalt pavement	4.94 miles
Stone block pavement	5.97 miles
Wood block pavement	2.21 miles
Bituminous macadam and bitulithic pavement.....	6.71 miles
Macadam pavement	67.90 miles
Gravel pavement	78.72 miles
Plank roadway	20.40 miles
Elevated roadway	8.00 miles
Brick pavement	1.07 miles
	Total
	196.15 miles

HARD SURFACE PAVEMENT.

West Side.

Bitulithic pavement	8.036 miles
Asphalt pavement	5.164 miles
Bitulithic macadam pavement .....	.152 miles
Stone block pavement	5.282 miles
Wood block pavement	1.747 miles
Brick pavement .....	.937 miles
	Total hard surface pavement.....
	21.318 miles

BRIDGES AND WOOD ROADWAYS (ALL KINDS).

Plank roadways .....	.807 miles
Elevated roadways .....	.921 miles
Bridges	1.108 miles
Total	2.836 miles
Total hard surface pavement, bridges and wood roadways	
on West Side	24.154 miles

HARD SURFACE PAVEMENTS.

East Side.

Bitulithic pavement	4.93 miles
Wood block pavement .....	.20 miles
Brick pavement .....	.30 miles
Asphalt pavement	3.476 miles
Total hard surface pavement.....	8.908 miles

BRIDGES AND ROADWAYS (ALL KINDS).

Plank roadways	6.64 miles
Elevated roadways	2.41 miles
Steel bridges .....	.066 miles
Total	9.116 miles
Total hard surface pavements, bridges and wood roadways	
on East Side	18.22 miles

A force of forty-seven men were employed during the daytime in cleaning macadam and gravel streets, and covered a distance of one mile per day, cleaning the full width of the street and sweeping the cross walks off. At night time a force of twenty men were employed in cleaning the hard surface streets with the aid of power brooms, and averaged a distance of eight miles per day. There are some 50 miles of hard surface streets in this city, some of which required cleaning but once a week, but the principal hard surface streets in the center of the city, where traffic is heavy, were cleaned every night.

As there are nearly two hundred miles of improved streets to clean, and the present force can clean but nine miles per day, it follows that many streets are cleaned but once a year, and some streets not at all.

For sprinkling 196.15 miles of improved streets of this city, three electric car sprinklers and thirty-four sprinklers, hauled by horses, were provided. Two of these electric car sprinklers were operated at a cost of \$1.15 an hour, and one at a cost of \$7.00 per day, the three sprinkling 50 miles of streets per day. Twenty-eight of the sprinkling wagons were operated by private teams, hired by the city at a cost of \$5.00 per day, and each sprinkler so operated covered a distance of four miles per day. Six sprinkling wagons operated by city horses also covered four miles per day, leaving but ten miles not sprinkled.

Two months' operation of the branch of the Street Cleaning and Sprinkling Department, just installed on the east side of the river, has clearly demonstrated the wisdom of such action. With a small force operating at night and equipped with power brooms, it is possible to clean all hard surface streets on that side of the river and also all four bridges spanning the river, and Front street between Glisan and Madison streets. Heretofore, when the street cleaning force was operating from the barn at Sixteenth and Madison streets, it was impossible to make any perceptible impression on the work to be done on the east side, for the reason that too much valuable time was taken up in going to and from work.

ESTIMATE FOR 1908.

Superintendent at \$175 per month.....		\$ 2,100.00
Day foreman at \$125 per month.....	\$ 1,500.00	
Night foreman at \$80 per month.....	960.00	
Day barn man at \$80 per month.....	960.00	
Day barn man assistant at \$80 per month..	960.00	
Night barn man at \$80 per month.....	960.00	
Repair man at \$85 per month.....	1,020.00	
Broom maker at \$80 per month.....	960.00	
Repair man assistant at \$75 per month.....	900.00	
		\$ 8,220.00
Day Force—		
73 men at \$2.50 per day	\$ 57,122.50	
2 men at \$2.75 per day.....	1,721.50	
		\$ 58,844.00
Night Force—		
21 men at \$2.50 per night.....	\$ 16,432.50	
		\$ 16,432.50
Horses—		
15 horses at \$275.....	\$ 4,125.00	
		\$ 4,125.00

Feed for Horses—

Hay, 266 tons, at \$26 per ton.....	\$ 5,320.00	
Oats, 205 tons, at \$28 per ton.....	5,740.00	
Bran, 25 tons, at \$19 per ton.....	475.00	
		\$ 11,535.00

New Equipment—

4 sprinklers at \$375.....	\$ 1,500.00	
1 horse power broom at \$450.....	450.00	
6 set double harness at \$50.....	300.00	
6 set cart harness at \$26.....	156.00	
12 set cart wheels and axles at \$60.....	720.00	
15 dozen hoes at \$7.....	105.00	
15 dozen scoop shovels, at \$13.50.....	202.50	
12 dozen shovels at \$13.....	156.00	
1 dozen mattocks at \$13.....	13.00	
1 dozen picks at \$10.....	10.00	
26 stable blankets at \$2.50.....	65.00	
30 storm covers at \$3.00.....	90.00	
		\$ 3,767.50

Miscellaneous—

Horseshoeing	\$ 2,190.00	
Blacksmithing	600.00	
Bamboo fibre for brooms.....	2,000.00	
Lumber	1,000.00	
Hardware, iron and steel	600.00	
Drugs and medicines	100.00	
Fuel for barns	264.00	
Harness material for repairs	250.00	
Pitch, paint and oil	250.00	
Hose for sprinklers	250.00	
		\$ 7,504.00
Repairing roof of city barn.....	\$ 500.00	\$ 500.00
Purchasing property adjoining city barn...	\$ 5,000.00	\$ 5,000.00
3 electric car sprinklers	\$ 4,140.00	
28 hired teams and drivers.....	14,000.00	
		\$ 18,140.00
Veterinary surgeon	\$ 240.00	\$ 240.00

Clerk at \$75 per month.....	\$ 900.00	\$ 900.00
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East Side—

Day barn man at \$80 per month.....	\$ 960.00	
Night foreman at \$80 per month.....	960.00	
Night barn man at \$80 per month.....	960.00	
21 night men at \$2.50 per day.....	16,432.50	
		\$ 19,312.50
Sprinkling 20 miles with oil.....	\$ 4,000.00	
100 waste paper cans at \$4 each.....	400.00	
		\$ 4,400.00
Total		\$ 161,020.50

Notwithstanding the streets and approaches to both ends of all the bridges spanning the river are cleaned twice a week, they present a most deplorable aspect. These streets and approaches are full of holes, ruts and broken and worn-out planks and cannot be satisfactorily cleaned until repairs are made.

Fifty galvanized receptacles were placed, as an experience, last year, on the edges of the sidewalks in the business portions of the city for receiving waste paper, fruit peelings, etc., from the public. These receptacles have proven highly satisfactory to the department and also to the public generally, if use is any criterion. Moreover, these receptacles have shown how simple it is to educate the people to acquire good habits. One hundred additional cans are to be installed during the coming year.

Recommendations—

In view of the great advantages derived from operating street cleaning forces close to the work to be done, as demonstrated by the locating of a branch on the east side of the river, I respectfully recommend that ground of suitable size, preferably hollows, be purchased in Brooklyn and on the Peninsula and preparations be made to establish the Street Cleaning Department in each place for work in these parts of the city.

All streets in the business portion of the city are thoroughly cleaned by power brooms every night, except Sunday night, and present a very neat appearance when finished, but this condition is seldom seen by the public because early each morning the dirt from stores, hotel, shops, saloons, etc., is swept into the streets and almost the entire work of the Street Cleaning Department of the night is

wasted. There are city ordinances prohibiting the throwing or sweeping dirt into the streets, but they are not enforced. For this reason the work of the Street Cleaning Department gives no satisfaction and it is unjustly criticized, although it does its work well. I feel confident that the sweeping of dirt from stores, etc., into the streets is due to habit and thoughtlessness on the part of the employers, and that they would stop if their attention was called to the fact that they were violating a city ordinance. I herewith respectfully recommend that notice be served on all employers or others sweeping or throwing dirt into the streets, to desist, not only for the better appearance of our streets, but that the public may see that their money appropriated for cleaning streets is not wasted.

Respectfully submitted,

ALEX. DONALDSON,
Supt. of Street Cleaning and Sprinkling Department.

ANNUAL REPORT OF Health Department

December 31, 1907.

Honorable Mayor and Board of Health, City Hall.

Gentlemen: The administration of this department during the year 1907 has been a trying one on account of the cerebro spinal meningitis during the earlier months, and the imminent danger of bubonic plague during the latter part of the year. Our city is growing very rapidly and this department must keep pace to meet its needs. The responsibilities of this department in guarding the health and life of the community are very great, and we have endeavored to the best of our ability, with the means at hand, to meet them.

The work of the year and the recommendations for the future may be summarized as follows:

SPECIFIC INFECTIOUS DISEASES—CEREBRO SPINAL MENINGITIS.

The death records show that this disease existed as far back as December, 1906, three deaths being reported that month. During the month of January, 1907, five deaths occurred from this disease. In February two deaths were reported "acute meningitis." In March, one cerebro spinal meningitis. During this month the attention of the department was called to the prevalence of the disease in neighboring cities and towns. In April there were fourteen deaths. In May, thirty-four deaths. In June there were eight deaths, and from that time on the disease abated. There were seventy-three deaths in all, but, owing to some inadvertence, the number of cases were not recorded, and it is impossible to give the percentage of mortality. During the month of December three cases have been reported, with one death.

SMALL-POX.

Having experienced the commercial inconvenience of this disease, some of our merchants have exhibited unusual vigilance against its

introduction into their places of business. One large department store demands that its employes shall all be vaccinated, and the floors and counters of this store are systematically washed with antiseptic solution.

Of the thirty-eight cases of small-pox reported, fourteen originated in the suburb of Montavilla, a community particularly averse to vaccination. One child with the disease attended school during the period of eruption. The school was inspected, closed, fumigated and vaccination rigidly enforced. The car companies have promptly complied with the request of the department to fumigate cars.

No deaths occurred from this disease during the year.

DIPHTHERIA AND SCARLET FEVER.

Owing to the school inspection introduced with the beginning of the last term, the reports of diphtheria and scarlet fever have been more complete.

The number of cases of diphtheria reported to this office

In 1907 were.....	352	deaths.....	26
In 1906 were.....	194	deaths.....	23

The number of cases of scarlet fever for the year

1907.....	111	deaths.....	3
1906.....	58	deaths.....	2

These figures would seem to indicate that these diseases were unusually mild this year; but the discrepancy is probably due to more complete reports.

It has always been difficult to maintain the quarantine for a sufficiently long time in mild cases of diphtheria, the family physicians themselves often demanding an early release of their patients. This difficulty has been overcome by making the quarantine depend upon a bacteriological test, and raising it only on the return of a negative culture.

TYPHOID FEVER.

A great many cases of typhoid fever are brought to the city of Portland for treatment, and many cases are contracted while away on vacations and during trips out of the city. Our water supply is absolutely pure, and cases developing here are probably contracted through impure milk supply.

During the month of August seven cases of typhoid were traced

to one small milk ranch within the city limits. These cases developed between the 2d and 10th of the month. This ranch was supplied with water from the Woodstock water works and also from a well. The well was immediately closed and no case has developed along that man's route since.

The number of cases of typhoid fever reported during the	
Year 1907 were.....	205 deaths.....36
Year 1906 were.....	146 deaths.....41

TUBERCULOSIS.

This disease is not generally reported, and therefore it is impossible to state the number of cases for the year, but 186 deaths have resulted from it.

After a death occurs from tuberculosis the house is fumigated. This is important, not only as a protection to the people living in the house, but to prevent the spread of the disease from the sale of the infected furniture and effects of the tubercular patient.

The minor infectious diseases are not reported as they should be, and the fact that six deaths have occurred this year from whooping cough, as compared with three due to scarlet fever, and but one from measles, is significant of the comparative importance of this disease. It seems to be regarded by the people at large as a necessary evil, and this department has been criticized even by members of the medical profession for endeavoring to protect the public schools against it. It is not only dangerous in itself, but a very active predisposing cause to other dangerous diseases; therefore all cases should be reported and at least a partial quarantine of the patient maintained.

BUBONIC PLAGUE.

The greatest menace to the health and commercial interests of the City of Portland at the present time is the bubonic plague. This disease exists in San Francisco and Seattle, and in spite of all that has been done for its prevention, and the tremendous expense incurred, up to December 31st, 136 cases of the disease developed in San Francisco, with 73 deaths. Over \$600,000.00 has been expended in the sanitary campaign for the prevention of this disease in San Francisco.

The advantages of sanitation cannot be more forcibly illustrated than by the comparison of the spread and mortality of this disease on the Pacific Coast with its spread and mortality during the year in

India. The first case was reported in San Francisco on May 23d, 1907; up to the present date only 142 cases have developed on the Coast, with 79 deaths. In India from April, 1907, to October, 1907, there were 553,557 cases of the plague and 474,914 deaths.

The plague is primarily a disease of animals, particularly of rodents, and is communicable to man in different ways, chiefly through the agency of fleas. It is a disease to which the great grain shipping ports have always been especially exposed.

In preventive measures against the introduction of this dreadful disease the Health Department has met with the greatest encouragement from the Mayor and Council, the commercial and medical organizations, the press and the public; a general spirit of helpfulness has been manifested all along the line, instead of the opposition ordinarily met with. The quarantine officers stationed at Astoria and the Harbor Master of this port have been vigilant in the performance of their duties. The conditions along the water front and in Chinatown have been improved. A bacteriological laboratory for the examination of rats has been installed at the medical department of the State University and is in operation. No infected rats have been found.

At present the plague exists to the north and south of this state. Being the chief grain shipping port of the Pacific Coast, we are in especial danger. It is impossible to say whether or not the vigilance of our officers and the co-operation of the people have prevented the introduction of the disease into this city, but at any rate the city is greatly to be congratulated that it has thus far escaped.

SCHOOL INSPECTION.

"Sanitary instruction is even more important than sanitary legislation." The above quotation appeared on the cover of all the recent issues of the bulletin of the Chicago School of Sanitary Instruction.

It was with this thought in mind that our present system of school inspection was inaugurated. To create a general interest in public school conditions, an interest that will demand better sanitation and better equipment for the physical development of the school children, as well as an adequate protection against communicable diseases, is far more important than the inspection itself. The thirty physicians who are gratuitously performing this valuable public service for the current year have already awakened co-operative interest that has reached this department through teachers and parents, and also through the Oregon State Congress of Mothers and the Women's Club of this city.

The symptom cards have been helpful in the detection of disease in the schools, and the principals have been vigilant in this regard and have reported many suspicious cases to the Health Department and to the health wardens in the different sections of the city.

Most of the schools still use what is known as the "range" toilet, flushing automatically about twice an hour, which is of itself a nuisance. The Inspector of Plumbing has recommended that these be changed and a more modern system installed. The presence of the "range" toilets, together with the necessarily offensive urinals, in an imperfectly closed and ventilated toilet room, render the whole basement unfit as a recreation or lunch room, for which purpose it is used. Many of the health wardens have condemned this system as unhygienic.

The use of the common drinking cup should be discontinued in the schools. The cups are often to be found in the sinks under the water faucets, where one case of diphtheria might infect them all. Individual cups will not do because of the inconvenience attending their use. These disadvantages have been overcome in some of the Eastern cities and in one progressive city in the eastern part of our own state, by the installation of the bubbling fountain, which is always clean, always available and has been recommended by several of our health wardens.

Our more complete reports attest the value of our school inspection, and it is highly important that the work be continued.

Over sixty cases of scabies (itch) were excluded from one school. Several cases of sore throat reported from the schools have been investigated and found to be diphtheria. Several cases of impetigo-contagiosa have been excluded. Also several cases of tonsillitis, mumps and scarlet fever and one case of favus. Favus is a rare disease in this country. This case must have escaped detection at the port of entry, as it is a disease which excludes immigrants, and the child infected had not been in the country more than a year.

HOSPITAL SERVICE.

The urgent need of a surgical dressing room and certain hospital conveniences in connection with the police station cannot be too strongly emphasized. The utter lack of means for the care of emergency cases is nothing less than criminal in this day and age.

The need for a city hospital also becomes greater with our increased population, a portion of which should be set aside for the

treatment and care of infectious diseases. The St. Vincent's Sanatorium have cared for our infectious cases, and cared for them well according to their facilities. This institution has taken our meningitis and diphtheria cases for one dollar per day, and given good service. To maintain absolute isolation with the means provided is impossible. In a city like this there should be means of caring for infectious cases without subjecting the patient to the danger of a worse infection.

PURE FOODS.

The President's message this year emphasized the importance of pure foods, and, indirectly, the importance of chemical laboratories for the detection of impurities, adulterations and preservatives. The commercial value of a food industry to our city is not so important as whether or not the food product is wholesome or deleterious to the health of the community. It should be always possible for a purchaser to obtain at the Health Office a comprehensive analysis and report on any suspected food. At present our cold storage fowls, which are embalmed in their own undrawn juices and several others beside, our preserved oysters and hamburg steaks, our high colored ice cream made of paraffine and gelatine, etc., go unchallenged.

It is impracticable for a city so large as Portland to depend upon the state for bacteriological and chemical work; the state officers owe the same general duty to other cities and to the state at large that they do to Portland, but Portland has more than enough work to employ the entire time of a bacteriologist and chemist; besides, while the city has no jurisdiction beyond its borders, it is the market for the products of outlying counties and the state, and its citizens are the sufferers when such products are diseased and unwholesome.

We have a right to expect protection from our state officers from diseased and unwholesome products that may be sent to the city from the outlying districts, but we should not depend wholly upon them; for purely local conditions the city itself should be responsible.

The health of any large city and its death rate is influenced by the conditions under which its foods are produced. When these conditions are beyond the jurisdiction of the city, its greatest protection lies in detecting impurities and shutting off that particular source of danger. It is the natural commercial tendency for outlying districts to unload any unfit product where it will be least liable to detection—in the large city. To ask the state to guard the city is to ask the seller to guard the purchaser.

All diseased and unwholesome meats, vegetables and fruits found

in our markets should be condemned, and license to sell prepared foods and milk in the city should depend on the conditions under which these foods are prepared. A milkman or restaurateur maintaining unsanitary conditions should not be licensed to do business in the city.

Tabulated lists of the customers of milkmen doing business in the city would be of inestimable value in tracing the source of disease. Notwithstanding our lamentable lack in this regard, we have been able to trace cases of typhoid and diphtheria to ranches operating within our city limits.

The farce of the so-called sanitary milk bottle is particularly to be condemned—the label, "Sanitary," guarantees nothing. Such a bottle may have been sterilized before filling, and it may have been left beside the bedside of a person with an infectious disease, used as a drinking cup, collected, rinsed out, and passed along the line with a fresh "Sanitary" label attached.

The large fish markets of the city are a continual nuisance. All buildings of such business should be properly constructed and limited to a certain section of the city.

La grippe is prevalent in epidemic form in some of the large cities of the East. We have some cases here at present and doubtless will have many more during the coming winter. This disease follows the lines of travel, and public gatherings of all kinds spread the contagion. The close personal contact and infectious air of the street cars in large cities is probably the greatest menace.

DEATHS 1907.—BY MONTHS

Month	Male	Female	White	Yellow or Colored	Under 1 year	1 to 5 years	5 to 20 years	20 to 40 years	40 to 60 years	60 to 100 years	Not Known	Married	Single under twenty	Single over twenty	Widowed	Divorced	Not known	Oregon	Other States	Foreign	Not known
January	106	91	188	9	28	5	12	41	57	52	2	76	47	35	32	0	7	53	74	63	7
February	63	113	172	4	23	4	11	40	37	60	1	71	36	25	33	3	8	40	78	46	12
March	101	54	144	11	15	6	10	39	41	41	3	54	33	31	24	0	13	28	65	52	10
April	97	56	148	5	10	9	20	35	37	41	1	55	38	31	20	1	8	40	59	45	9
May	98	86	178	5	14	9	28	46	38	48	1	73	50	28	26	0	7	49	86	38	11
June	104	49	146	7	17	9	15	43	34	31	4	62	41	29	16	0	5	42	59	47	5
July	84	48	123	9	16	8	8	35	32	32	1	44	31	23	25	0	9	34	50	35	13
August	82	50	124	8	29	5	7	29	34	26	2	44	40	25	18	0	5	45	43	37	7
September	80	56	130	6	41	7	7	28	26	25	2	32	55	24	15	1	9	50	57	19	10
October	110	58	160	8	27	5	7	40	33	55	1	68	26	37	26	1	10	45	64	50	9
November	71	59	125	5	15	6	14	36	22	36	1	51	34	18	22	1	4	37	50	34	9
December	93	51	137	7	20	9	6	33	39	37	0	55	35	20	24	0	10	35	61	43	5
Total 1907	1089	771	1775	85	255	82	145	445	430	484	19	685	466	326	281	7	95	498	746	509	107
Total 1906	925	561	1434	53	198	83	111	322	369	383	21	727	377	236	..	..	147	358	560	472	97

Percentage of deaths per 1000, 8.28.—Population 225,000.

BIRTHS DURING YEAR—1907

Month	Male	Female	Total	White	Colored	Yellow	Still Born
January	63	113	176	172	1	3	18
February	85	83	168	162	2	4	10
March	112	110	222	220	0	2	11
April	87	73	160	159	0	1	6
May	89	82	171	169	1	1	12
June	90	101	191	187	2	2	8
July	128	115	243	239	1	3	9
August	111	87	198	193	1	2	7
September	106	99	205	204	0	1	9
October	111	88	199	191	2	6	15
November	93	92	185	180	3	2	8
December	122	123	245	241	2	2	14
1907	1197	1166	2363	2319	15	29	127
1906	1058	977	2035	2010	6	19	96

Percentage per 1000, 10.4.

CONTAGIOUS DISEASES REPORTED DURING YEAR 1907

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Diphtheria	13	15	13	19	27	28	20	16	35	64	53	49	352
Measles	7	12	11	43	62	74	35	5	2	10	45	28	334
Chickenpox	6	14	10	13	5	0	4	1	3	5	14	11	86
Whooping Cough	0	0	2	6	4	12	1	9	0	0	2	4	40
Erysipelas	4	2	2	2	2	1	1	1	2	3	2	2	24
Typhoid Fever	18	6	14	11	8	5	10	24	38	39	18	14	205
Scarlet Fever	9	6	6	6	19	8	9	4	10	11	14	9	111
Smallpox	2	4	0	1	4	2	0	0	1	6	16	2	38

MARKET INSPECTOR REPORTS.

Visits made during the year.....	2757
Cases reported to the Fire Chief.....	4
Cases reported to the Plumbing Inspector.....	10
Cases in court (all found guilty).....	5
Fines imposed	\$135.00

REPORT OF SANITARY INSPECTORS.

Rooms fumigated	1535
Notices written	537
Notices verbal	941
Notices to city officials.....	74
Notices miscellaneous	931

HOSPITAL REPORT.

Cases treated at St. Vincent's Sanitorium and Hospital.....	102
Cases treated at Good Samaritan Hospital.....	37

Respectfully submitted,

ESTHER C. POHL,
Health Officer.

ANNUAL REPORT OF Plumbing Inspector

Portland, Oregon, December 6, 1907.

To the Honorable Mayor and Council, City of Portland.

Gentlemen: I respectfully submit the annual report of the Plumbing Department for the year ending December 31st, 1907, together with recommendations for the betterment of the sanitary conditions of the city.

It is not necessary to go into details about the amount of work done in this office, as the tabulated report will speak for itself.

While the water front was in a filthy condition, the repairs and cleaning-up process will only be temporary, as after the first high water the conditions will be practically the same, owing to the fact that logs and drift float in and break the pipes, or pipes freeze and break in the winter.

Some provision should be made to put in a permanent improvement, and I believe it would pay the property owners to put in a concrete wall along the water front. I also believe that after the wall was constructed that the city should dredge the river and fill in back of said wall after all sewers and drains are put in. This would not only make a permanent improvement, but would also cause less danger from fire, and from filth of all kinds being washed in and dumped under docks. It will also have a tendency to deepen the river.

I believe it would be better to run a main trunk sewer down Front street, from Jefferson street north, and pick up all laterals, and continue main sewer to river some place below the Steel Bridge, as sewers on Burnside, Everett, Couch and Flanders streets stop up during high water.

The territory north of Nicolai street is badly in need of sewers for Guild, Isabel, Lake and Walnut streets. Also all of Willamette Heights north of Thurman street will have to be taken care of. Also a creek known as Balch's Creek.

This sewer should be put in as soon as possible in order to have

the crematory connected to sewer instead of Guild's Lake, or cesspool, as cesspools in this locality are not a success on account of quicksand.

The Marquam Gulch and Tanner Creek sewer should be extended.

Much improvement has been made the past year with regard to water, but there are still large districts without sufficient water for domestic purposes.

Many sewers have been put in that we have been unable to have houses connected on account of lack of water. Rodney, Cleveland and Garfield avenues have had sewers extended from Mason to Alberta streets, but we have no water excepting private pipes, which are too small. Some of these small supply pipes come from Mallory, Going and Mason streets.

Montavilla and the territory north and south of Sullivan's Gulch east of East Twenty-eighth street will in a very short time be badly in need of sewers, as this part of the city is being built up very rapidly. This will be a large undertaking and should be started without delay.

While the Brooklyn sewer is not yet completed, I believe it to be far enough advanced to commence the laying out of laterals to connect with said sewer when completed, as the condition of Brooklyn is not being improved by waiting. Also the east branch of the Brooklyn sewer to drain the territory north and south of Division street, as the condition of the territory north of Division street and east of East Thirty-second street is not in a sanitary condition, as water is reached in digging cesspools from eight to twenty feet, which soon fill up, especially in the rainy weather, and overflow on account of surface water.

Regarding the sewerage of Sellwood, a great mistake will be made if this sewer, when constructed, will not be large enough to take care of all the territory south of the Brooklyn sewer, as it will not be long before Woodstock, Arleta and Lents will be taken into the city, and will have to be taken care of in regard to sewers.

Complaints in regard to school buildings about the toilets are turned in to this office, and when looked up are found to be range toilets that are not flushed often enough.

I would recommend that the use of range toilets be discontinued, and that individual syphon jet toilets be installed, as range toilets are dirty and filthy at all times.

Some two years ago I recommended that public toilets be placed on the different bridges. I am still of the same opinion, as with the

Growth of the city they are badly needed, especially since the Sunday closing law.

As to the present plumbing ordinance, I have repeatedly called attention to the fact that same is inadequate and defective, but so far nothing has been done to remedy same.

Respectfully submitted,

W.M. HEY,

Inspector of Plumbing and Drainage.

Tabulated Statement of Work Done in the Plumbing Department for the Year ending December 31, 1907.

MONTH	New Buildings Inspected	Old Buildings Inspected with New Fixtures	Cesspools Connected	Sewers Connected	Written Notices Served	Septic Tanks	Special Permits Issued	Total Number of Licensed Plumbers	Reports of Defective Plumbing	Plumbing Remodeled on Notice	Total Number of Visits for Month	Total Number of Fixtures Connected
JANUARY	83	69	34	118	35	0	0	72	37	17	586	968
FEBRUARY	150	90	92	148	35	0	0	73	89	20	748	906
MARCH	162	123	85	200	84	0	0	73	99	30	670	1153
APRIL	172	142	103	211	87	0	0	73	65	33	730	1455
MAY	195	141	116	220	94	0	0	73	65	25	880	1744
JUNE	190	123	135	178	102	0	2	73	87	51	1028	1458
JULY	212	111	121	200	80	2	1	73	104	28	1011	1829
AUGUST	199	140	128	211	50	0	0	73	101	29	1023	2510
SEPTEMBER	173	126	115	184	33	0	2	73	84	37	907	1754
OCTOBER	237	156	150	240	55	3	0	79	95	73	1143	2118
NOVEMBER	160	124	103	180	65	1	1	79	79	35	1049	1397
DECEMBER	89	88	76	101	36	0	0	77	65	54	861	871
Totals	2022	1433	1258	2191	756	6	6	77	970	432	10636	18263

ANNUAL REPORT OF Library Association

Portland, Oregon, December 31st, 1907.

Hon. A. L. Barbur,
Auditor, Portland, Oregon.

Dear Sir: Herewith I beg to transmit report of the Library Association of Portland for the year 1907.

Yours very truly,

C. A. DOLPH.

Portland, Oregon, December 28th, 1907.

To the Honorable Mayor and Council of the City of Portland.

Gentlemen: Pursuant to the provisions of Ordinance No. 12302, approved July 18th, 1901, I have the honor to submit the report of the directors of The Library Association of Portland for the year ending 1907.

The receipts of the association from all sources and the disbursements made by it from December 28th, 1906, to December 28th, 1907, were as follows:

GENERAL FUND.

Receipts:

On hand December 28th, 1906.....	\$ 716.65
Public library tax, County	21,707.49
Public library tax, City	20,660.32

\$ 43,084.46

Disbursements:

Printing and stationery	\$ 1,975.32
Transportation and postage	586.21
Periodicals	1,313.52
Binding	3,153.55
Expense	1,472.31
Insurance and taxes	849.00

Furniture and fixtures	1,553.89
Repairs	929.85
Lighting	570.20
Heating	388.21
Water	87.10
Care of building	1,623.78
Salaries	21,322.43
Replaced books, including 6200 volumes purchased for schools and sub-stations	6,253.88
	\$ 42,079.25
	\$ 1,005.21

BOOK FUND.

Receipts:

On hand December 28th, 1906.....	\$ 2,631.15
Fines	1,432.71
Books sold	166.56
Interest on investment fund	4,703.14
Cash on hand Dec. 28th, 1906 (petty cash, librarian).....	136.25

\$ 9,069.81

Disbursements:

Books	\$ 8,453.28
Cash on hand December 27th, 1907.....	157.69

\$ 8,610.97

\$ 458.84

BOOKS.

During the year 1907 books were added to the library to the number of	12,537
As follows:	
For reference	1,333
Circulation	11,254
Making total number of books in library.....	71,755
Periodicals on file, purchased	198
Periodicals on file, gift	51
Newspapers on file, purchased	25
Newspapers on file, gift	67
Books were lost during the year to the number of.....	419

Number and general character of books loaned:

Fiction	167,087
General works	8,055
Philosophy	3,432
Religion	3,428
Sociology	13,446
Philology	2,363
Science	9,422
Useful arts	9,238
Fine arts	10,358
Literature	15,800
History and travel	34,079
Biography	9,062
	282,790

Total attendance for the year, 428,373, divided as follows:

Main room	163,919
Children's room	55,809
Reference room	38,751
Periodical room	84,190
East Side branch	10,047
Albina branch	11,183
Sellwood branch	19,231
Reading rooms	45,193
	428,373

CIRCULATION.

The circulation of books outside the main library has almost tripled; exclusive of the branches it is this year 37,521. We now maintain as distributing centers three branches:

Sellwood Branch, 613 Umatilla avenue—Miss Mary C. Voorhees, librarian; opened March 13th; circulation of books, 11,300.

Albina Branch, 558 Williams avenue—Miss Ella G. Dewart, librarian; opened September 6th; circulation of books, 8,097.

East Side Branch, High School Building—Miss Elizabeth K. Clarke, librarian; opened October 1st; circulation of books, 4,637.

BRANCH READING ROOMS.

Five reading rooms have been opened during the year, taking the place of stations.

South Portland—Miss Rose Aldrich, custodian; opened January 17th; circulation, 6,344.

Montavilla—Mrs. T. E. Mitchell, custodian; opened February 11th; circulation, 4,246.

St. Johns—Mrs. T. T. Parker, custodian; opened April 20th; circulation, 3,807.

Peninsular—Mrs. Frances Rhomberg, custodian; opened April 27th; circulation, 3,142.

Gresham—Miss Alida Culey, custodian; opened May 16th; circulation, 2,405.

The deposit stations are not fixed even as to locality; they vary according to demand. At present there are fifteen stations, with a total circulation of books, 17,577. They are placed as follows:

Bridal Veil—Custodian, Mr. Stuart Strong.

Brooks—Custodian, Mrs. Luetha.

Carson Heights—Custodian, Mrs. Sadie Wiggs.

Cedarville, Cornell Road—Custodian, Miss Bertha Arndt.

Corbett—Custodian, Mr. Geo. H. Chamberlain.

Germantown—Custodian, Miss Edna Morrison.

Hurlburt—Custodian, Miss Stella Anderson.

Lents, Mt. Scott Pharmacy—Custodian, Mr. Arthur Geiser.

Multnomah, 853 Mississippi avenue—Custodian, Mrs. Tuttle.

Orient—Custodian, Mr. J. N. Campbell.

Palmer—Custodian, Mr. Philo Bogardus.

Pleasant View—Custodian, Mrs. Wm. Harding.

Pleasant Valley—Custodian, Mrs. W. N. Moore.

Powell Valley—Custodian, Mr. A. B. Elliott.

Highland.

There has been an increase of 4192 in the use of the books in the County schools. The total number read this year is 17,801.

By reason of the rapid advance in settlement and population of East Side districts, the branch work of the association has increased in importance, and its necessary expenditures proportionately enlarged.

Two valuable lots have been generously donated by a member of the board of directors as a site for the East Side branch, and the

citizens of that portion of the City are now earnestly endeavoring to raise by popular subscription a sum sufficient to erect upon the property so donated a building suitable for branch library purposes.

Respectfully submitted,

C. A. DOLPH,
President.

By order of the Board of Directors.

ANNUAL REPORT OF Civil Service Commission

City Hall, Portland, Ore., December 31, 1907.

To the Honorable Harry Lane, Mayor of the City of Portland.

Sir: Pursuant to the provisions of Section 317 of the Charter, the Civil Service Commission herewith submits its fifth annual report.

For more than a year prior to last August the demand for all kinds of service was so great that the City of Portland was unable to compete successfully with private employers. During that time this commission held frequent examinations for positions in the various departments, but because the city salaries were considerably lower, few applicants appeared.

One result was that temporary appointments were made to fill vacancies and occasionally the heads of departments evaded the law by keeping such temporary appointees employed after an eligible list had been furnished from this office. We have no reason to believe this was done with any intent to prefer political favorites. The temporary appointees were found to be doing satisfactory work and the heads of the departments disliked to take new men from the eligible list, whom they would have to break in to the work. This commission had endeavored to impress upon all appointing authorities the necessity of taking men from the eligible list as fast as they were needed in the various departments.

The change in the financial conditions which has occurred since late in the summer has resulted in many more applications being made for positions under the civil service. The police and fire departments, particularly, were for the first time in several months supplied with eligible lists which will not be exhausted when the present vacancies are filled.

In addition to causes above mentioned, the higher pay given to policemen has induced more men to apply for positions in that department.

During the last year the commission has passed on five appeals

taken by discharged employees of the City. Of these, the discharge has been approved in three cases and two of the appellants have been reinstated.

The commission believes that Section 317 of the City Charter should be amended so as to allow the head of the department to discharge any subordinate in the civil service without a right of appeal by the person discharged, except for the reason that the discharging officer has acted upon religious or political grounds. A way should be found to discharge City employees for inefficiency. As the Charter is construed by the commission and by the courts, it is at present impossible. Unless such an amendment is made, the service will be loaded down with men who can pass the examinations and yet, after having obtained work under the civil service, in a life position, are unwilling to give the City an honest amount of work for their pay.

The suggested change would make our law conform to the federal rule on the same subject, and no harm could result, because the appointing officer, in each case, must fill the vacancy he causes by picking a man from the eligible list furnished by the commission. As long as the commission keeps the source of supply uncontaminated by politics, the men chosen from that source will also be free from the danger of being chosen by reason of their political beliefs, and the appointing authority would be under no temptation to make discharges for political reasons.

Police Department—

Captains	4
Detectives, sergeants, patrolmen, drivers, jailors, guards.....	124
Matron	1
Total	129

Fire Department—

Chief	1
Assistant chief, battalion chiefs	3
Captains, lieutenants	36
Master mechanic, hydrantman	2
Engineers (fire engines)	9
Hosemen, drivers, truckmen	107
Master fire boat	1
Pilot fire boat .....	..
First engineer fire boat	2
Second engineer fire boat .....	..

Stokers fire boat	10
Superintendent fire alarm and police telegraph.....	1
Linemen	2
Total	174

Engineer's Department—

Civil engineers	10
Instrumentmen	7
Chainmen	19
Draughtsmen	3
Computers	6
Inspectors, streets and pipe sewers	16
Inspectors (other than pipe sewers).....	3
Deputies and clerks	2
Stenographic clerk	1
Traction engineers	5
Bridge carpenters	7
Laborers	36
Total	115

Street Cleaning Department—

Superintendent	1
Foreman laborers and laborers.....	97
Total	98

Water Department—

Civil engineers	1
Instrumentmen	1
Chainmen	1
Draughtsman .....	..
Inspectors	16
Clerks	10
Pump engineers	7
Carpenters	1
Blacksmith	1
Metermen and tappers	9
Calkers	10
Foremen laborers and laborers.....	104
Total	161

Auditor's Department—

Deputies and clerks	15
Stenographic clerks	3
Total	18

Park Department—

Watchmen	3
Gardeners	2
Laborers	34
Custodian Forestry building	1
Total	40

City Hall—

Janitors, watchmen, elevator men	8
Pump engineer	1
Total	9

Pound Department—

Pound master, deputy pound masters	4
--	---

City Attorney's Office—

Stenographic clerk	1
--------------------------	---

Treasurer's Department—

Clerk	1
Typewriter	1
Total	2

Plumbing Inspector's Department—

Plumbing inspector, deputy plumbing inspectors	4
--	---

Building Inspector's Department—

Building inspectors	2
Computer	1
Stenographic clerk	1
Total	4

Harbor Master's Department—

Harbor master	1
Total number employed under classified civil service	759

The following is a statement of the number of applications filed, the number of persons examined, the number who passed, the number who failed to pass, the number appointed, the number discharged for cause, and the number who have resigned during the year 1907:

DIVISION AND CLASS	Applications	Examined	Passed	Failed	Appointed	Discharged	Resigned
DIVISION "A"—POLICE SERVICE							
Class 1—Captains	--	--	--	--	--	--	--
Class 2—Detectives, sergeants, patrolmen, drivers, jailors, guards	356	*261	*31	*116	28	3	7
Class 3—Matrons	--	--	--	--	--	--	--
Totals	356	261	31	116	28	3	7
DIVISION "B"—FIRE SERVICE							
Class 1—Chief Engineer	--	--	--	--	--	--	--
Class 2—Assistant Chief, Battalion Chiefs	21	18	5	13	5	4	2
Class 3—Captains, Lieutenants	--	--	--	--	--	--	--
Class 4—Master Mechanic, Hydrant Men	24	12	3	9	3	--	2
Class 5—Engineers, (fire engines)	314	*213	*62	*46	59	9	50
Class 6—Drivers, Hosemen, Truckmen	4	3	2	1	1	--	2
Class 7—Master Fire Boat	--	--	--	--	--	--	--
Class 8—Pilot Fire Boat	12	2	1	1	1	--	2
Class 9—First Engineer, Fire Boat	2	2	2	--	2	--	1
Class 10—Second Engineer, Fire Boat	36	25	14	11	14	--	5
Class 11—Stokers, Fire Boat	--	--	--	--	--	--	--
Totals	413	275	89	81	85	13	64

* On December 14 1907, 105 applicants for drivers, hosemen and truckmen were examined, and on December 21, 1907, 114 applicants for patrolmen were examined.
 Markings on above papers not yet made.

DIVISION AND CLASS	Applications	Examined	Passed	Failed	Appointed	Discharged	Resigned
DIVISION "C"—CIVIL ENGINEERING SERVICE							
Class 1—Civil Engineers	10	9	5	4	5	--	--
Class 2—Instrumentmen	16	6	2	4	2	--	--
Class 3—Chainmen	50	26	7	19	8	--	1
Class 4—Draughtsmen	10	4	1	3	1	--	2
Class 5—Computers	13	3	2	1	2	--	1
Totals	99	48	17	31	18	--	4
DIVISION "D"—INSPECTION SERVICE							
Class 1—Building Inspector	8	4	1	3	--	--	--
Class 2—Plumbing Inspector and deputy	8	3	3	--	2	--	--
Class 3—Inspectors streets, sidewalks	24	16	7	9	7	1	2
Class 4—Inspectors sewers	3	4	2	2	2	--	--
Class 5—Inspectors of bridges	--	--	--	--	--	--	--
Class 6—Inspectors water department	3	10	2	8	1	--	--
Class 7—Inspector water pipe	5	6	3	3	1	--	1
Totals	51	43	18	25	13	1	3

DIVISION AND CLASS	Applications	Examined	Passed	Failed	Appointed	Discharged	Resigned
DIVISION "E"—CLERICAL WORK							
Class 1—Deputies and clerks	25	17	4	13	4	--	--
Class 2—Stenographic clerks	13	6	3	3	3	--	1
Class 3—Typewriters	1	--	--	--	--	--	--
Totals	39	23	7	16	7	--	1
DIVISION "F"—MECHANICAL SERVICE							
Class 1—Superintendent fire alarm and police telegraph	--	--	--	--	--	--	--
Class 2—Linemen	4	2	2	--	2	--	1
Class 3—Pump engineers	7	5	2	3	2	--	1
Class 4—Traction Engineers	3	1	1	--	1	--	1
Class 5—Bridge carpenters	--	--	--	--	--	--	--
Class 6—Blacksmiths	--	--	--	--	--	--	3
Class 7—Metermen, tappers	5	--	--	--	--	--	--
Class 8—Calkers	3	--	--	--	1	--	--
Class 9—Electrical instrument maker	--	1	1	--	--	--	1
Totals	22	9	6	3	7	--	7

DIVISION AND CLASS	Applications	Examined	Passed	Failed	Appointed	Discharged	Resigned
DIVISION "G"—MISCELLANEOUS SERVICE							
Class 1—Superintendent street cleaning department	--	--	--	--	--	--	--
Class 2—Janitors, watchmen, elevator men	59	45	9	36	1	--	--
Class 3—Pound master, deputy pound master	1	4	3	1	1	--	--
Class 4—Gardener	1	--	--	--	--	--	--
Class 5—Foreman laborers, laborers street cleaning department	162	123	99	24	52	2	24
Class 6—Foreman laborers, laborers water department	166	115	104	11	91	10	26
Class 7—Foreman laborers, laborers park and engineering departments	83	63	57	6	56	9	12
Class 8—Custodian Forestry building	9	14	1	13	1	--	--
Class 9—Harbor master, deputy harbor master	7	4	1	3	1	--	--
Class 10—Cement tester	1	--	--	--	--	--	--
Totals	489	368	274	94	203	21	62

RECAPITULATION.

Applications filed, 1907	1469
Examined, 1907	1027
Passed, 1907	442
Failed, 1907	366
Appointed, 1907	361
Discharged for cause, 1907	38
Resigned, 1907	148

Appended to this report is a copy of the rules adopted by this commission and in force at the present date.

The expenses for the twelve months beginning January 1, 1907, and ending December 31, 1907, have been as follows.

Salary of secretary	\$1200.00
Salary of stenographic clerk	444.17
Stationery and office supplies	388.00
Advertising	25.33
Janitor work	10.95
Furniture and fixtures	61.90
Total	\$2130.35

Respectfully submitted,

P. L. WILLIS,
President.
J. W. BLAIN,
W. L. BREWSTER,
Commissioners.

ANNUAL REPORT

—OF—

Park Board

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

Gentlemen: In accordance with the requirements of the City Charter the Park Board herewith submits its annual report for the year ending December 31, 1907.

AUDITOR'S REPORT.

To the Honorable Park Board of the City of Portland, Oregon.

Gentlemen: I herewith submit the following report of receipts and disbursements on account of the Portland Park Fund from January 1 to December 31, 1907, together with estimates for the ensuing year:

PARK FUND.

Balance January 1, 1907.....	\$ 3,933.28
Transfer from General Fund	2,500.00

RECEIPTS.

Taxes, 1907	\$47,913.60
Delinquent Taxes	48.31
Privilege to sell refreshments.....	253.00
Sale of guinea pigs	6.25
	<hr/>
	\$50,721.16
	\$54,654.44

DISBURSEMENTS.

Warrants paid and returned.....	\$41,273.52
Transferred to General Fund	2,500.00
Balance December 31, 1907	10,880.92
	<hr/>
	\$54,654.44
Warrants outstanding December 31, 1907.....	\$ 3,943.81

APPROPRIATION ACCOUNT.

For surveying system of Parks and Boulevards.....	\$ 5,000.00
For concerts	4,000.00
For salaries, supplies, materials, etc.....	39,000.00
	\$48,000.00

EXPENDED.

For surveying	\$ 923.76
For salaries, etc.	29,468.69
For feed	2,470.28
For miscellaneous	9,268.33
	\$42,131.06
Unexpended appropriation on account of survey of Parks and Boulevards carried forward to 1908 account.....	4,076.24
Unexpended appropriation cancelled	1,792.70
	\$48,000.00

Estimates for the year ending December 31, 1908.

SUPERINTENDENT'S REPORT.

To the Honorable Mayor and Park Board:

Gentlemen: I herewith submit a report of the work done in the City Park Department for the year ending December 31, 1907.

In taking charge of the parks of the City, I found much work to be done, first of which was to organize the working force in such a way that there would be some system. To do this I at once appointed Charles Hermann in charge of the zoological department, and Frederick D. Krumpke in charge of green houses and all planting. Later I appointed E. H. Best acting foreman in charge of roads and lawns.

Much cleaning was necessary. Weeds had grown into the roads and over the walks, and much time was spent in removing these. Even after they were once removed it was a hard task to keep them from sprouting out again. The ice storm the first of the year caused much damage and it took several weeks to clean the debris from the parks and put them in a presentable condition. To do this work additional men had to be employed.

CITY PARK.

Some improvements have been made in this park. New walks have been constructed around the eagles' cage and the deer corral.

At this point the walks during the rainy season were so muddy that it was impossible with any degree of comfort to walk over them. A section of the driveway from the lookout down to the square below the Superintendent's house has been reconstructed and surfaced with crushed stone. Brick gutters have been constructed of the same design as those already started when I took charge of the work.

Several repairs and improvements were made on the buildings and cages. Owing to the decayed condition of the sills and the poor construction of the floor of the guinea pig house, this building was raised and placed on a concrete foundation about ten feet from its original location. A new heating apparatus was built in one end and a much thicker floor was laid. New pens were built in such a way that they could be more easily cleaned.

The bird house has been wholly reglazed, all glass having been removed and reset in new putty. Heating apparatus was also repaired.

A new stove was provided for the monkey house, thus insuring more safety from fire and much more comfort to the animals.

Owing to the crowded condition of the green houses and in order to have some hundreds of dollars worth of plants, we were obliged to build a 30-foot temporary addition. The heating apparatus in both green houses had to be practically rebuilt.

Temporary repairs have been made to the animal cages and several more are now necessary. The rustic cage which was near the west side of the forestry building was removed from there to the park and reconstructed for a pheasants' cage on the spot formerly occupied by the kangaroo cage, the latter having been removed to the west side of the Japanese deer corral.

Portions of the wall near the Washington Street entrance fell down and considerable time of several men was spent in rebuilding it. Five public utility houses were constructed.

The birds and animals in our collection are in first-class health, and while few deaths have occurred, these could not have been prevented.

Our zoological collection consists of the following animals:

1 African Porcupine, 2 Kangaroos, 2 Ant Bears, 15 Monkeys, 3 Alaskan Dogs, 3 Lynxes, 1 Timber Wolf, 2 Silver Grey Squirrels, 1 Fox Squirrel, 7 Japanese Deer, 2 Buffaloes, 4 Native Deer, 3 Angora Goats, 2 Goats, 1 Gray Wolf, 3 Coyotes, 1 African Lion, 1 American Fox (red), 1 Grey Fox, 1 Alaskan White Fox, 6 Raccons, 2 Badgers, 1 Brown Bear, 1 Silver Tip Bear, 10 Elk, 2 Beavers, 1 Seal, 5 Alligators,

1 Salamander, 1 Rattlesnake, 1 Gila Monster, 1 Polar Bear, 5 Black Bears, 1 Corean Bear, 200 Guinea Pigs.

Our ornithological collection consists of the following birds:

6 China Pheasants, 10 Golden Pheasants, 2 Pea Fowls, 10 Paraquets, 1 China Pigeon, 1 Mexican Parrot, 6 Japanese Rice Birds, 60 Canaries, 1 Silver Pheasant, 2 White Turkeys, 5 Sulphur Crested Cockatoos, 1 Japanese Parrot, 2 Turtle Doves, 1 Arrat, 3 German Thrushes, 1 Australian Finch, 1 German Finch, 2 Bald-Headed Eagles, 8 Great Horned Owls, 3 Pairs Carrier Pigeons, 1 Russian Duck, 1 Mandarin Duck, 5 Neck Pin Ducks, 1 Stork, 1 Golden Eagle, 1 Alarm Owl, 3 African Geese, 1 Manchurian Goose, 4 Wild Geese, 4 White Swans.

The following additions have been made during the past year:

1 Alaskan White Fox, 1 Coyote, 1 Angora Goat, 7 Paraquets, 1 Sulphur Crested Cockatoo, 3 Monkeys, 1 Gray Wolf, 1 Seal, 1 Corean Bear, 2 Turtle Doves, 1 Beaver, 3 Goats.

MACLEAY PARK.

No improvements were made in this park this year. Several times it has been necessary to repair the trails and remove fallen trees in order to make them passable. We were fortunate this year in having no fires in this park. A small building was placed at the west side of this park, just above the Cornell Road, for the use of the watchman.

GOVERNOR'S PARK.

Nothing has been done in this park this year.

FULTON PARK.

Nothing has been done in this park this year.

TERWILLIGER PARK.

No improvements were made in this park until quite late in the season. Several trees were removed, underbrush was cut and old stumps dug out.

HOLLADAY PARK.

Two new public utility houses were constructed in this park. The only other work done was cleaning up in the Spring and to keep it in presentable condition during the season.

COLUMBIA PARK.

Much work was done in cleaning underbrush and ferns from the wooded portions of Columbia Park. One electric light was placed on the main path near the Junction. A walk was subgraded from the southeast corner to the Junction. Several trees have been removed and dead limbs cut from the trees. Much grading has been done and more is necessary.

BLOCK 9, ALBINA.

Two public utility houses were constructed in this park. A back-stop was also erected. The only other work done was the necessary work to keep it in a presentable condition during the season.

PARK BLOCKS.

One public utility house has been erected in the children's play grounds between Davis and Everett Streets. A back-stop was erected on the block between Everett and Flanders Streets. Considerable labor has been necessary to keep these blocks clean. Much damage was done the park blocks by the heavy storms early in the year, and especially to the trees.

PLAZA BLOCKS.

No improvements were made to the plaza blocks, and only such work was done on them to keep them in good condition. In these blocks as in others the trees were badly damaged in the ice storm last January.

CONCLUSIONS.

No attempt has been made to make any extensive improvements the past year in any of the parks. I did not wish to have the parks torn up during the summer months any more than was absolutely necessary. At the present time, however, many improvements are in progress. Lawns in the City Park are being spaded preparatory to regrading and reseeding; dead trees are being removed; roads and walks are being built and old ones resurfaced; flower beds are being changed and buildings and seats are being repainted.

Work in the City parks has been greatly handicapped for the reason that we have no definite plans from which to work. For this reason it has been impossible to obtain the results wished. Much of the work in the parks before I took charge was poorly done and not along any definite plans. The result has been that much of this work

has had to be done over again at considerable expense. For this reason much that has actually been done the past year does not show itself to the casual observer to the fullest extent.

It has been my endeavor to do some work in all the parks, but owing to the increased cost in labor and material, and with our small appropriations, it has been impossible to obtain the men and material for the work which should have been done. Therefore some things had to be slighted at times.

During the coming year, before any extensive improvements are contemplated, I would recommend that proper grading plans be made. Then we will have some definite end toward which we may work, and although we may do only a portion of this work in one year, it can be continued the next and even the next, until it is completed. In this manner we will be accomplishing something which will be of benefit to the City Park system. If the Board would instruct me to proceed with this work, I would be pleased to do so as soon as possible.

I wish to thank the Board as a body, and the members individually, for all the kindness, good will and confidence shown me during the past year.

I also wish to express my hearty thanks to those of my assistants whose untiring and willing services have made possible what has been accomplished.

Respectfully submitted,

ARTHUR D. MONTEITH,
Superintendent.

PARK PLAY GROUNDS.

The Park Board has adopted the policy of fitting up a limited number of the park blocks belonging to the City for use as play grounds. In accordance with this action, back-stops for baseball have been erected on double block 9, at the corner of Beech and Mallory Streets, and park block E, between Flanders and Glisan Streets. Besides those blocks fitted for baseball, park blocks C and D have been fitted up at the expense of five hundred dollars as play grounds for the younger children of that neighborhood. These blocks have been under the general supervision of the Play Grounds Committee of the People's Institute, who have interested themselves in making them as available and safe as possible for the purposes for which they have been set aside. The report of that Committee is as follows:

REPORT OF THE PLAY GROUND COMMITTEE OF THE PEOPLE'S INSTITUTE.

People's Institute Club, Fourth and Burnside Streets, Jan. 16, 1908.

PEOPLE'S INSTITUTE CLUB.
Fourth and Burnside Streets.

January 16, 1908.

To the Honorable Board of Park Commissioners of the City of Portland.

Gentlemen: We submit the following report of the work accomplished by our Playground Committee during the past year.

REPORT.

The equipment of the two park blocks, donated by you last year as playgrounds for the use of children, has been completed by the addition of a pavilion for the girls and giant strides for both boys and girls. This, with the reinstating of apparatus housed for the winter, required an expenditure of \$75.00.

The playgrounds were formally opened May 25th with a children's festival. Competitive games for prizes were participated in by the children, and luncheon for 600 was served at noon, followed by addresses by the Mayor and other prominent citizens. Automobile rides for all the children completed what must have been a red letter day for them.

A paid supervisor appointed by the Institute Club was in charge of the grounds for three months, and many were the demands upon her resources.

Classes in basket work and sewing were maintained among the girls. A baseball league was formed by the boys with two teams, known as "The Badgers" and "The Eagles of the Golden West." Average attendance per day, 90.

Average number in constant attendance, 40.

Average age girls, nine.

Average age boys (maximum), seven.

Children of twelve and over are employed in canning factories during vacation.

Nationalities: Americans, Syrians, Chinese, Japanese, Italians, Swedish, Germans, Irish, French, Indians and English.

Physical condition, taking into consideration the conditions under which they live, good.

A spirit of unselfishness was manifested in the games, and greater intelligence than is often found in other cities where such children have to be taught to play.

We wish to convey our thanks to the Board for their provision of toilet facilities and drinking water and for the additional donation and equipment of a third block for baseball purposes.

And to the Mayor for the appointment of a special officer without whose sympathy and help the summer's work would have been less effectual.

We also wish to suggest the necessity of a fountain for the boys' playground, one for the girls having been promised by Mrs. Geo. Russell.

Also that a fence around the boys' block would largely increase their sense of ownership and keep out the men who congregate there.

Thanking you for your hearty co-operation in this work.

Very respectfully,

(Mrs.) HELEN L. CORBETT.
MRS. CHAS. E. LADD, Chairman.
MARY F. FAILING.
MRS. W. B. AYER.
VALENTINE PRITCHARD, Director.

By unanimous consent said communication was ordered placed on file

PARK RULES AND REGULATIONS.

The following rules and regulations for the government of the parks of the City have been adopted by the City Council on recommendation of the Park Board:

RULES AND REGULATIONS OF THE PARKS OF THE CITY OF PORTLAND.

Ordinance No. 17197.

An ordinance prescribing rules and regulations governing the use of public parks and plazas in the City of Portland.

The City of Portland does ordain as follows:

Section 1. That the following rules and regulations governing the

use of Public Parks and Plazas in the City of Portland be and are hereby adopted:

RULE 1.—No person shall enter or leave any enclosed Public Park or Plaza except the the regular designated entrances.

RULE 2.—No person shall dig up, cut, break, remove, deface, defile, or ill use any building, structure, fence, sign, bush, plant, turf, rock or other thing belonging to the parks or plazas of the City of Portland or have in possession any part thereof.

RULE 3.—No person shall throw any stone or other missile; or have in his possession or discharge any destructive weapon, fire-arm, firecracker, torpedo or fire work; or make a fire or throw or place upon the ground a lighted match, cigar or other burning substance; or post, paint, affix or display any sign, notice, placard, or any advertising device; or, except with written authority of the Park Board, engage in any business, sell or expose for sale or give away any goods, wares or circulars; or set a trap for, snare, injure, or have in possession any wild animal or bird; or injure or disturb and bird's nest or eggs; or in any way annoy or injure any bird or animal belonging to or in the keeping of the City.

RULE 4.—No person shall, within the limits of any park or plaza belonging to the City of Portland, solicit any subscription or contribution; or make any political or other canvass; or solicit the acquaintance of or annoy another person or utter any profane, threatening, abusive or indecent language or loud outcry; or drink any intoxicating liquor; or use or have in his possession any device or instrument of gambling; or do any indecent or obscene act. And, further, no person, except by written authority of the Park Board, shall preach or pray aloud or make any oration or harangue in any public park or plaza; or play upon any musical instrument; or move in any military or civic parade.

RULE 5.—No person shall stand or lie down upon a bench or go to sleep thereon; or sit, stand, climb over, or lie down upon any railing, balustrade, wall or fence.

RULE 6.—No person owning or having the care or control of any dog shall suffer or permit such dog to enter the City Park and any police officer may take and impound any such dog found therein.

RULE 7.—No person shall ride or drive any animal not well broken or under proper control over or upon any road or driveway within any public park or square within the City of Portland; and no person shall ride or drive therein any animal or vehicle at a speed greater than eight miles an hour.

RULE 8.—No vehicle other than pleasure vehicles shall be per-

mitted in or upon any park, except such as may be employed by the City of Portland.

RULE 9.—No person shall stop any animal or vehicle so as to obstruct any driveway or walk or crossing thereof; or so as to prevent the passing of other vehicles; or otherwise than lengthwise with a driveway and close to the side thereof.

RULE 10.—No person having charge of an animal or vehicle shall allow the same to stand for more than twenty minutes or without a proper person in charge of the same; except that an animal hitched to a place provided therefor or to a weight of not less than 20 pounds may be allowed to stand unattended for not more than five minutes.

RULE 11.—No animal attached to a vehicle or otherwise shall be hitched to a fence, tree, bush, or shrub in any public park or plaza.

RULE 12.—No automobile or other vehicle propelled by other than animal power shall be allowed within any public park or plaza between the hours of sunset and eight o'clock A. M. of the day following.

RULE 13.—No person shall drive an automobile or other vehicle propelled by other than animal power within any public park at a rate of speed exceeding eight miles per hour; and upon approaching a crossing or intersection of ways and in turning a corner or a curve in any public park every person operating such vehicle shall signify such approach by sounding a bell, gong, bugle or whistle.

RULE 14.—No automobile or other vehicle propelled by other than animal power shall be allowed within any public park or plaza except upon the driveways, and no such vehicle shall leave City Park by the Washington Street entrance.

RULE 15.—No person driving or operating an automobile or other vehicle propelled by other than animal power shall refuse to stop or move such vehicle when directed to do so by a police officer.

RULE 16.—Any improved public park, plaza, or ground belonging to the City of Portland may be closed and visitors excluded therefrom after the hour of nine o'clock P. M. of each day.

RULE 17.—All persons visiting public parks or plazas of the City of Portland are expected to observe any reasonable direction of any police officer on duty in such park or plaza in the same manner as if such direction were embodied in a specific rule.

PENALTY.—

Section 2. Any person violating any of the rules given above is liable to a fine of not less than five dollars nor more than twenty dol-

lars for each offense, or punishment by imprisonment in the City Jail not less than five days nor more than twenty days.

Passed the Council, December 12th, 1907.

A. L. BARBUR,
Auditor of the City of Portland.

Submitted to the Mayor, December 13th, 1907.

Approved Dec. 14th, 1907, Harry Lane, Mayor.

PARK AND BOULEVARD BONDS.

After conference with a committee of the Initiative One Hundred, the Park Board recommended to the Council of the City of Portland that an ordinance be submitted to the electors of Portland for the bonding of the City for one million dollars, the proceeds to be expended in the initiation of a system of parks, boulevards and play-grounds, substantially on the plan outlined by Olmsted Brothers, landscape architects of Brookline, Mass., in their report to the Park Board December 31, 1903. In accordance with this recommendation the following action was had by the Council of the City of Portland.

Resolution.

BE IT RESOLVED, By the Council of the City of Portland that an Act entitled "An Act to amend Section 118 of an Act entitled 'An Act to incorporate the City of Portland, Multnomah County, State of Oregon and to provide a Charter therefor, and to repeal all acts or parts of acts in conflict therewith, filed in the office of the Secretary of State, January 23, 1903,'" authorizing the Council of the City of Portland to issue and dispose of bonds of said City in an amount not exceeding one million dollars to be used for the purchase of parks and small parcels of ground for neighborhood parks and for the improvement thereof; also for the laying out, establishing and improving of a system of boulevards and park-ways, with bridges over gulches in the City of Portland, be and the same is hereby submitted to the legal voters of the City of Portland at the City election to be held on the first Monday in June, 1907, for their adoption or rejection, and each elector who votes upon said proposed amendment shall vote "Yes" or "No" in answer to the following question: "Shall Section 118 of the Charter of the City of Portland be amended?"

Adopted by the Council, April 1, 1907.

An Act.

To amend Section 118 of an Act entitled "An Act to incorporate the City of Portland, Multnomah County, State of Oregon, and to pro-

vide a Charter therefor, and to repeal all acts or parts of acts in conflict therewith," filed in the office of the Secretary of State January 23, 1903.

BE IT ENACTED BY THE PEOPLE OF THE CITY OF PORTLAND,
AND THE CITY OF PORTLAND DOES ORDAIN AS FOLLOWS:

Section 1. That Section 118 of an Act entitled "An Act to incorporate the City of Portland, Multnomah County, State of Oregon, and to provide a Charter therefor, and to repeal all acts or parts of acts in conflict therewith," filed in the office of the Secretary of State January 23, 1903, and which section reads as follows:

Section 118. For the purpose of funding any bonded indebtedness of the City of Portland, or of the former City of East Portland, or of the former City of Albina, already matured or to mature in the future, the City of Portland is authorized and empowered to issue and dispose of the bonds of the City of the denominations of from one hundred dollars to one thousand dollars, as the purchaser may desire, under the seal of the City of Portland, with the interest coupons attached thereto with the signature of the Mayor engraved thereon, and having attached thereto the seal of said City of Portland, whereby the City shall be held and considered in substance and effect to undertake and premise, in consideration of the premises to pay to the bearer of each of said bonds, at the expiration of twenty-five years from the date thereof, the sum named therein, in gold coin of the United States, together with interest thereon in like coin at the rate of four (4) per cent per annum, payable half-yearly, as provided in said coupons. The total amount of such refunding bonds shall not exceed the face or par value of the funds to be refunded, nor shall such refunding bonds be sold at private sale nor for less than par, and accrued interest from the date of issuance of said refunding bonds. Before such refunding bonds can be sold the Council shall cause to be inserted for two weeks in the City Official Newspaper and in at least one paper in New York City, making a specialty of such matters, an advertisement inviting sealed bids for the purchase of said refunding bonds. Such refunding bonds shall be sold only to the highest bidder. Among equal bidders preference in the sale and allotment shall be given to the bidders residing in the State of Oregon and subscribing for the smallest amounts. All bonds issued and disposed of under this act shall be exempt from taxation either by this State or by any county or municipal corporation therein. Should there be any money derived from the sale of said refunding bonds in excess of the amount necessary to retire the outstanding bonds, or any other funds in the hands of the Treasurer applicable to such purpose, it shall be the duty of the Auditor to adver-

tise for two weeks inviting proposals for the surrender and redemption of any valid bonds of the city. After such advertisement the money applicable to such purpose in the hands of the Treasurer, or such portion thereof as may be required therefor, shall be awarded to the person or persons offering to surrender said bonds for the lowest price. Upon such award, when duly audited, the Treasurer shall, upon the surrender of the bonds, pay the amount to the person or persons to whom the same was awarded and cancel the bonds so redeemed. No bid for the surrender of any of the bonds of the City shall be accepted which shall require a greater sum of money for their redemption than par and a ten per cent premium," be and is hereby amended by adding thereto the following paragraph:

The Council of the City of Portland, or its successors in office, is hereby authorized and empowered in the name of the City of Portland to issue and dispose of bonds of the City of Portland to an amount not exceeding one million dollars of the denominations of \$500.00 or of \$1,000.00, as the Council may determine, under the seal of the City of Portland, with interest coupons attached thereto. The bonds shall be signed by the Mayor and countersigned by the Auditor of the City of Portland, and each of said coupons shall have the signatures of the Mayor and Auditor of the City of Portland engraved thereon, whereby the City of Portland shall be held and considered in substance and effect to undertake and promise in consideration of the premises, to pay to the bearer of each of said bonds at the expiration of twenty-five years from the date thereof, the sum named therein in gold coin of the United States, together with interest thereon in like coin at the rate of four (4) per cent per annum, payable half yearly as provided in said coupons. The bonds issued in pursuance of the authority hereby granted shall be known as "Park and Boulevard bonds of the City of Portland, Oregon," and the proceeds thereof shall be applied to the purchase of parks and small parcels of ground for neighborhood parks and for the improvement thereof, also for the laying out, establishing and improving of a system of boulevards and park-ways with bridges over gulches in the City of Portland. The bonds herein provided for shall be advertised and sold to the highest responsible bidder, and the Council may, at its discretion, reject any and all bids tendered for said bonds and proceed to re-advertise the same when bids are not satisfactory. Of the bonds herein authorized to be issued not to exceed \$500,000 shall be issued and sold during any one fiscal year. All money derived from the sale of said bonds shall be in the care and custody of the Treasurer of the City of Portland and credited to a fund to be kept and known as the "Park and Boulevard Fund," and shall be paid out by him on warrant of the Mayor attested by the

both for land and construction, relatively to its breadth, yet its relation to the physical growth of the city is such, that if not taken now, the needed land will soon be impossible of acquirement by reason of the costliness of the improvements which will otherwise soon be put upon it. Other portions of the park-way system recommended in 1903, can, we are confident, be postponed for a few years with far less danger of great, if not prohibitive, rise in costliness of acquisition.

In determining what to recommend for parks and park-ways on the East Side, we have considered that local or neighborhood parks would in general be likely to give more satisfaction to the largest number of citizens than the broad park-ways which are so comparatively expensive to improve handsomely that it is unlikely that even when acquired they would be rapidly brought to completion, nor are there the remaining opportunities for park-ways on the East Side so remarkably attractive because of command of views as are the existing opportunities for this class of park improvement on the West Side.

In addition to the numerous neighborhood parks which we have included in our recommendations for the West Side, we have also included one very good-sized park of such extent and character, in fact, that will assuredly be one of the parks to be largely resorted to by the residents of the East Side, and another of unusually large size even for cities larger and more wealthy than Portland now is.

Therefore, we are satisfied that there will be no just ground after the suggested parks shall have been acquired, for the slight undercurrent of dissatisfaction, which we have been told has occasionally made itself manifest, based upon the idea that the East Side has been somewhat neglected in park development.

We submit a series of sheets showing the outlines of the various parks and park-ways recommended to be acquired with the present million-dollar loan, and we have also prepared a fairly complete technical description of the boundaries proposed for each park, not necessarily for publication, but rather to be recorded as a safeguard in case any of the land plans should chance to be mislaid. We append a list of the proposed parks with the area of each in acres and the assessed valuation of each.

Yours respectfully,

OLMSTED BROTHERS,
Landscape Architects.

RECOMMENDATION OF OLMSTED BROTHERS.

Portland, Oregon, December 4, 1907.

Mr. Ion Lewis,

Board of Park Commissioners, Portland, Oregon.

Dear Sir: In submitting our report with accompanying plans, showing the proposed parks and parkways, which we recommend should be secured out of the \$1,000,000.00 loan now authorized, we have defined the boundaries of the park-way from the City Park to the vicinity of Riverview Cemetery as accurately as we could with the information available. The determination of the boundaries for this parkway is necessarily so intimately related to topographical conditions that we have not been able with the map showing the existing proposed streets and property lines to satisfy ourselves as to the most desirable boundaries along a considerable portion of the park-way.

Our study of the ground along the proposed park-way has convinced us that in order to define the proper boundaries scientifically, we ought to be provided with a detailed contour map, showing also the existing and proposed elevations of streets in the vicinity of the park-way in order that we may advise as to connecting certain of the streets with the park-way and as to the modification of some of the adjoining streets and lots as shown on recorded plats, to secure economical and reasonable grades.

We suggest that we be employed to prepare a general grading plan for the park-way and connecting streets. This would be in addition to our employment previously arranged for to report on locations and boundaries of parks and park-ways to be secured with the present \$1,000,000 loan.

We propose to study and prepare such a grading plan as we have in mind for the park-way and to make at least one, and possibly two, more visits for the further examination of the ground and for consultation with your commission, for the sum of \$2,000.00 and expenses. The expenses will consist chiefly of our charges for the services of assistants engaged in elaborating details and drafting, and also traveling expenses. As we have before informed you, we charge for the services of our assistants at double the rate we pay them in order to cover our general and office expenses. We cannot estimate closely the probable amount of our expenses, but we recommend that an allowance of \$1,000 be made for them, with the understanding that before this amount is exhausted we will communicate with you, explaining what we have done and expect to do, and submitting a request for an additional allowance for expenses. It is understood that one-half of our

personal fee (\$1,000) is to be payable to us out of the existing appropriation of \$5,000 for plans and surveys, and that our expense to the amount of \$1,000 will also be chargeable to that fund. The remainder of our personal fee (\$1,000) is to be payable to us out of the annual appropriation for next year, or out of a special appropriation for plans and surveys, if one is made for the purpose by the City Council.

It is understood that the Park Commission is to furnish us with the required contour map and such additional information as to land ownerships, and values, and so on, as may be required, and also that surveyors employed by the Park Commission are to set such stakes on the ground as may be required for our guidance and for the information of the Park Commission in following on the ground proposed routes for the pleasure drive and side roads and connecting streets. We expect to prepare a tentative plan with figures of elevation in our office after the receipt of the contour map, and after that, we should expect to make a visit for the purpose of further studying the scheme on the ground. We hope that the contour map may be furnished us within two months, in which case we should expect to make our visit probably some time in March next.

If this proposition is accepted by your Board, please have a suitable vote to that effect passed, and a certified copy of it forwarded to us.

Yours very truly,

OLMSTED BROTHERS.

The survey as recommended by Olmsted Brothers was authorized by the Park Board and is now in progress under the direction of the City Engineer.

ANNUAL REPORT

OF

Harbor Master

December 31, 1907.

To the Honorable Mayor and Council of the City of Portland.

Gentlemen: I have the honor to submit my annual report for the year 1907, ending December 31st, with the shipping record of the port appended.

I was appointed to the office of Harbor Master April 6th of this year, and found that the harbor and shipping of Portland had been hadly neglected. No record of shipping or the enforcement of rules and regulations of the harbor had been given any attention.

Through your kind courtesy I have an office in the City Hall, where records of all shipping are kept on file and the work of this department is directed.

The expenditures of this department have been larger than formerly on account of the purchasing of record books, stationery, office furniture and gasoline launch. These purchases were necessary to carry on the work of this office, as the shipping record will show the enormous growth of shipping in the harbor of Portland.

I am pleased to be able to state that all regulations of this harbor are now being carefully enforced, and ship masters of all vessels notified on their arrival of regulations of this port.

RECOMMENDATIONS.

I desire to call your attention to the rapid and large growth of the shipping of this harbor. On the 12th of December we had in this port a total tonnage of 86,132, which consisted of 26 sailing vessels, 9 foreign steamships and 8 coastwise steamers, making 43 ocean-going carriers. Never before in the history of this port has such a fleet been assembled here.

The enormous gain of ships listed and enroute for this port to

November 25th of 1907 over the same date and month of 1906 is as follows:

November 25th, 1907.....139,723 tons
 November 25th, 1906..... 53,321 tons

Showing a gain of over 88,402 tons, and the exports of the month of November, 1907, amount to \$2,025,242.00, which has not been equaled by any previous year.

That copies of regulations and ordinances of the City of Portland governing Portland harbor to be printed in book form and in the French and English language, for the benefit of all ship masters and the city, as well.

All mills and factories on the banks of the river that heretofore have deposited large quantities of sawdust, ends of logs and other waste material into the water of this harbor have been required to provide bulkheads to confine this material in such a manner that it cannot escape into the river, saving the city the expense of unnecessary dredging, which would otherwise be required to keep the channel navigable to the shipping of this harbor.

The racing of steamboats in the harbor limits has been the complaint of the masters and owners of vessels loading cargoes at the docks here. The swell occasioned by the speed of these vessels causes these ships to break their mooring lines, and on the German SS. Numantia, of the China fleet, several thousands of dollars' damage was done last year.

To protect the shipping of this port, I have rigidly enforced the speed limit ordinance, causing the arrest of two steamboat captains, who were convicted and fined, and since then, I am glad to be able to state, the law is being adhered to.

All vessels that heretofore have thrown their refuse into the waters of the port are now required to keep same on board or have it carted away. This greatly aids the port as regards sanitary means, also the prevention of shoaling of the river.

The anchorage grounds of this harbor will not accommodate the shipping of this port without blocking the main ship channel or fairway, with a probable loss of life and valuable property. I would therefore call to your attention the necessity of placing mooring buoys on the west side of the channel (and dolphins on the east side of the river), which would enable a vessel of any size to make fast to a secure mooring without danger of dragging an anchor, as several

vessels have done during the past month, and blockading the main ship channel.

The owners and masters of these vessels would gladly pay for the privilege of making fast to the huoyos and dolphins, as they would then be assured of the safety of their vessels, and, besides protecting the shipping interests of this port, such buoys and dolphins would soon pay for themselves.

The most of the docks of this port are in total darkness after sunset, making it dangerous for people connected with the vessels and shipping to attempt to board a vessel after dark. One very serious accident befell the first assistant engineer of the steamer Johan Poulson on November 17th, by falling through an open slip while trying to board this ship. Also the carpenter on SS. Breakwater broke his leg by a similar mishap on the same dock.

I would therefore ask that an ordinance be passed to place lights on all docks of this port. The lighting of these docks would greatly facilitate the work of the Fire Department in case of fire.

The docks of this city are now in a very bad condition, and are patched up from time to time to make them hold together. Some of these docks produce very high rentals for their owners, and the building or altering of wooden docks should be prohibited and a sea wall erected. This could be done without a very great expense to these owners, considering the revenue derived, and the city would then be able to dock every ship coming to this port.

I would most earnestly recommend that the city build a dock on the property at the foot of Stark street, for free use of the public as a landing place, there being nothing there now but an old float and gangway that is entirely out of place for a large city like Portland.

Ship masters whose vessels are in port, also officers and crews from warships who visit this port from time to time, lay great stress on the condition of this landing place, the only one the city has, and do not look with great favor on a return to this port. Also the large number of pleasure craft owned by the citizens call for a suitable landing place where they can embark or land without paying tribute to float owners.

Exports by Countries for Fiscal Year ending June 30, 1907.

Australia	191,247
Belgium	184,526

Chile	212,880
China and Japanese	86,600
Chinese Empire	3,342,275
East India, Br.	46,500
Germany	43,470
Hong Kong	2,305,057
Italy	26,000
Japan	2,092,427
Korea	731
Peru	57,155
Phil. Islands	1,049
Russia Asiatic	155,085
Siam	50
South Africa Br.	107,598
United Kingdom	2,973,619
Total	11,826,268

Principal Exports by Commodities for Fiscal Year ending June 30, 1907.

	Quantity	Dollars
Cotton, pounds	539,261	\$ 53,749
Leather Sole, pounds	21,194	8,016
Lumber, feet	105,216,000	606,011
Wood Mfs., Others		14,904
Machinery		287,828
Milk		8,150
Nails, Wire, pounds	1,186,900	26,303
Paper Printing, pounds	1,219,034	25,250
Twine and Cordage		12,869
Wheat, bushels	7,198,844	5,195,535
Wheat Flour, bbls.	1,239,704	4,573,359
Wire, pounds	214,877	6,336
		\$ 10,818,310

Imports by Countries for the Fiscal Year ending June 30, 1907.

Australia	\$ 27,412
Austria, Hungary	11,202
Belgium	6,529
Br., East Indies	6,529
Br., India	1,318,772
Canada	49,037
Chile	24

Chinese Empire	370,033
Cuba	40,006
Denmark	65
Dutch East Indies	33,522
East Africa, Br.	1,214
Ecuador	40
Egypt	43
France	65,134
Germany	246,209
Greece	1,546
Guatemala	3,015
Hong Kong	219,032
Italy	2,749
Japan	653,340
Mexico	3
Netherland	11,835
New Zealand	52,785
Norway	8,835
Panama	504
Peru	20
Phil. Islands	67,428
Portugal	220
Russia	324
Spain	893
Strait Settlements	282,238
Sweden	20,205
Switzerland	158
Turkey in Asia	776
Turkey in Europe	13
United Kingdom	448,242
	\$ 4,170,313

Principal Imports by Commodities for Fiscal Year ending June 30, 1907

	Quantity	Dollars
Bags Jute, pounds	9,737,451	\$ 793,182
Burlap, pounds	7,492,057	501,795
Cement, pounds	166,536,948	530,557
Coal, tons	36,437	136,431
Coffee, pounds	134,833	15,586
Coke, tons	2,475	9,757
Earthenware		103,828
Firebrick, tons	3,182	12,506
Iron, Pig and Bars, tons	6,626	106,948

Malt Liquors, Gals.	3,440	3,392
Manila, tons	296	66,843
Other Fibres, tons	926	125,693
Matting, Square Yds.	1,241,667	90,306
Oil Nut, Gals.	14,054	7,980
Oil, Olive, Gals.	9,396	15,535
Rice, Powder	6,079,397	127,915
Silk, Raw, pounds	27,274	111,755
Spices		100,718
Spirits, Gals.	27,893	29,551
Sulphur, tons	3,234	65,106
Tapioca, pounds	670,276	25,221
Tea, pounds	615,057	119,126
Tin in bars, pounds	717,186	289,627
Toys		26,781
and smaller commodities of cotton, metal, silk and wool to make up total for fiscal year of		\$ 4,170,313

VESSELS ENTERED AT PORTLAND

Date	No. of Vessels	Tonnage
January	35	48,679
February	46	64,167
March	38	51,789
April	41	57,596
May	45	53,779
June	41	54,259
July	48	63,388
August	49	52,711
September	56	66,062
October	49	58,412
November	55	82,715
December	39	43,151
Total	542	696,708

VESSELS DEPARTING FROM PORTLAND

Date	No. of Vessels	Tonnage
January	29	36,782
February	38	42,698
March	39	47,597
April	41	45,682
May	38	43,383

June	40	37,684
July	44	50,052
August	44	47,212
September	46	45,871
October	46	42,813
November	42	50,309
December	34	37,358
	431	490,541

32 Foreign Vessels Arrived	Total tonnage, 58,557
18 Foreign Vessels Departed	" " 46,033
574 Vessels Arrived during 1907	Tonnage, 755,265
499 Vessels Departed during 1907	" 536,574

Respectfully submitted,

J. B. SPEIER,
Harbor Master.

ANNUAL REPORT

OF

Garbage Crematory

To the Honorable Mayor and Board of Health.

Gentlemen: As Superintendent of the Garbage Crematory, I make my report for the year 1907.

PAY-ROLL.

Labor at crematory\$ 9,180.92

PURCHASES.

Sawdust and slab wood\$ 3,482.50
 Expense for vacation of employees 150.00
 Expense for purchase of team and building stable..... 1,258.58
 Total\$ 14,072.00

SUMMARY—YEAR 1907.

Amount of garbage reduced10,258 tons
 Garbage dumped on the dry dump..... 600 tons
 Sawdust used1,918 loads
 Slab wood346 cords
 Average cost of incineration\$1.37
 Average garbage per day34 tons

ANIMALS CREMATED.

Horses 151
 Cows 15
 Pound dogs 556
 Other dogs 603
 Calves 9
 Colts 6
 Rats 2,000
 Slab wood on hand250 cords

COMPARISON FOR YEARS 1906 AND 1907.

Amount of garbage reduced at crematory .....1906	8,980 tons
Amount of garbage reduced at crematory .....1907	10,258 tons
Amount of garbage dumped on dry dump .....1906	395 tons
Amount of garbage dumped on dry dump .....1907	600 tons
Amount of sawdust used .....1906	1,937 loads
Amount of sawdust used .....1907	1,918 loads
Amount of slab wood used .....1906	230 cords
Amount of slab wood used .....1907	346 cords
Average cost of incineration .....1906	1.27
Average cost of incineration .....1907	1.37
Horses cremated .....1906	153
Horses cremated .....1907	151
Cows cremated .....1906	11
Cows cremated .....1907	15
Pound dogs cremated .....1906	622
Pound dogs cremated .....1907	556
Other dogs cremated .....1906	544
Other dogs cremated .....1907	603
Calves cremated .....1906	12
Calves cremated .....1907	9
Colts cremated .....1906	3
Colts cremated .....1907	6
Elk cremated .....1906	1
Elk cremated .....1907	0
Rats cremated .....1906	0
Rats cremated .....1907	2,000
Wood on hand December 31st, 1906.....	340 cords

Portland, Oregon, January 7, 1907.

Honorable Mayor and Council, City.

Gentlemen: In the year 1896 the City of Portland installed an Engle garbage crematory with a capacity of twenty-five (25) tons every twenty-four (24) hours. At that time, with a population of not more than 80,000, a new crematory of twenty-five tons capacity was adequate. This crematory was constructed with a two unit furnace built inside of one retaining wall, making it impossible to repair during operation. The result of such construction was that the furnaces have been out of commission twice in ten years for a period of two and three months at a time. During this time it was necessary to

dump the garbage on the crematory grounds, creating a nuisance of which the residents in that vicinity very justly complain.

With the increase of population and garbage production and the deterioration of this plant, it became inadequate several years ago, necessitating the daily dumping of rubbish and garbage on the crematory grounds. The quantity dumped has increased steadily. During the year 1907 600 tons of garbage and 25,000 tons of rubbish has been added to the dump. This condition should not be allowed to exist for a longer time than it would take to construct a modern incinerator of sufficient capacity to meet the present need of the city, and its needs in this respect for, say, ten years. With a population of 225,000, this city should erect one crematory of 150 tons capacity in twenty-four hours, or two crematories of 75 tons capacity each. The plant or plants should be situated at the most accessible point, other things, such as the possible rise of the river, expense of site, being considered.

Previous to the installation of a garbage incinerator this city endeavored to dispose of its garbage by hauling to scows and towing it down the river. This plan was abandoned because of its cost and the nuisance it created at the wharves and along the river front where the garbage was loaded. It has been suggested that garbage stations be erected at different parts of the city and the garbage conveyed to the crematory by electric garbage cars. Unless these stations were built on the plan of modern crematory buildings, this method would surely fail, for the same reason that the scow method failed, the nuisance around the stations which would necessarily follow.

The present system of collecting garbage is unsanitary, incomplete and unnecessarily expensive. About 10,000 tons of garbage has been delivered to the crematory this year, which is, of course, very much less than the amount produced in the city. The wagons in use at present are open and leaking, an ambulating nuisance and menace to health. The collection is but partly done, many persons dumping their refuse in convenient vacant lots and gulches. The expense is exorbitant and unequal, costing the residents of the city at a comparative estimate about \$150,000.00 per year. If a city garbage collection department were installed in connection with a modern incinerator, the work could be done in a sanitary manner for about \$40,000.00 per year.

Respectfully submitted,

C. L. DAGGETT,
Superintendent of Garbage Crematory.

Pound Master's Report

To the Mayor and Executive Board, City of Portland, Oregon.
GENTLEMEN:—The undersigned, Pound Master of the City of Portland, Oregon, respectively presents the following report for the year of 1907.

MONTH	Horses, No. of	Cattle, No. of	Dogs, No. of	Other animals	Amount paid for stock redeemed	Amount paid for stock sold	Amount colcted for feeding at City Barn	TOTAL
JANUARY	3	4	11	..	17 50	12 50	1 75	31 75
FEBRUARY	9	4	92	..	39 30	7 50	50	47 30
MARCH	..	20	14	..	52 25	12 50	5 00	69 75
APRIL	8	30	11	..	85 00	18 00	3 75	106 75
MAY	19	26	17	1	121 00	..	6 00	127 00
JUNE	35	17	19	3	134 00	7 00	6 25	147 25
JULY	7	20	18	..	64 50	20 00	75	85 25
AUGUST	24	27	27	1	126 25	66 00	6 75	199 00
SEPTEMBER	5	38	159	..	133 00	9 50	6 25	148 75
OCTOBER	4	29	229	..	161 25	47 00	3 00	211 25
NOVEMBER	12	21	89	2	111 50	20 75	9 00	141 25
DECEMBER	11	28	12	3	91 50	18 25	9 25	119 00
Totals	137	264	630	10	\$ 1137 05	\$ 239 00	\$ 58 25	\$ 1434 30

F. W. RBID, Pound Master.

ANNUAL REPORT
OF
Municipal Judge

Portland, Oregon, February 6, 1908.

RECEIPTS OF MUNICIPAL COURT FOR THE YEAR 1907.

January	\$ 3,200.50
February	1,758.50
March	1,772.90
April	1,468.50
May	1,124.50
June	1,541.00
July	1,663.00
August	2,054.50
September	2,207.50
October	2,371.00
November	3,343.55
December	2,687.50
 Total	 \$25,192.95

I hereby certify that the above amounts are a true and correct statement of fines, forfeitures and costs collected by me in the Municipal Court for the year 1907, and by me turned over to the Treasurer of the City of Portland.

GEO. J. CAMERON,

Municipal Judge of the City of Portland and ex-officio Justice of the Peace.

F. D. HENNESSY,
Clerk of the Municipal Court.

ANNUAL REPORT
—OF—
Chief of Police

Portland, Oregon, December 31, 1907.

To His Honor Mayor Harry Lane, City Hall, City.

Dear Sir: I herewith submit to you my annual report showing in detail the status and work of the Police Department during the past year, together with a copy of the estimated expenses for the ensuing year, also with such few recommendations which, to my judgment, would tend to increase the efficiency of the Police Department. As now constituted and when fully recruited, the police force is composed of 140 members, including one chief, four captains, three sergeants, two detectives and one matron. From the ranks of the patrolmen and sergeants are detailed: For acting detectives, eleven; drivers of patrol wagon, three; desk officers, three; clerks, two; jailors, three; humane officer, one; City Hall officer, one; one detective detailed to the Juvenile Court and vacancies ten, leaving an actual patrol force of 97 patrolmen. This is not sufficient to properly cover and police the extended area of our city, and I respectfully recommend that the force be increased to the following numbers: one chief, four captains, nine sergeants, eleven detectives, one matron and 125 patrolmen, a total of 151 officers. Or, in lieu of this increase, that the mounted force be augmented from nine to twenty men without increasing the numerical strength of the force. The enlarging of the mounted force would have the advantage that the expense would be less and the service would be fully as efficient as would the increase of the force. Another patrol wagon is badly needed by this department in order that all calls for such conveyance may be promptly answered. The work of the Police Department has grown to such proportions that it is impossible for one wagon to answer all the calls and satisfy all the demands made upon it. This is evidenced by the great number of arrests made during the year of 1907, a total of 13,177, as against 10,814 in the year of 1906, an increase of 22 per cent, and all the other work of the Police Department has increased correspondingly. New and larger headquarters and jail facilities are also badly needed. The present jail room is wholly inadequate for the use

for which it is intended and its capacity greatly overtaxed every night in the year. The Police Department is continually criticized about the jail condition, but is unable to improve the same for want of room and proper facilities, and is anxiously looking to the City Council for larger quarters, and I, therefore, respectfully recommend that the pending city jail question be settled at the earliest possible date in order to relieve the present cramped jail conditions. This recommendation also includes the installation of an emergency hospital in connection with police headquarters, which is one of the crying needs of the hour. The capacity of the city jail as now constructed is about fifty male and twelve female prisoners, and many nights over double that number are confined therein, and until such time in the morning when all those charged with simple drunk and other lesser crimes are discharged. This practice relieves the situation for a few hours, but next night the same conditions again prevail. And on account of this continuous influx of such large number of persons in a filthy and beastly state of intoxication it is very near impossible to keep clean house in the present jail room. One other matter the Police Department had to contend with during the past year and which is of all importance to the efficiency of the Police Department is the dilapidated condition of our present police signal and telegraph system, which is worn out and almost useless and a constant menace to the workings of this department, but I am glad to state that the Home Telephone Company has announced itself ready and willing to commence the fulfilling of their obligations as stipulated in their franchise to install for the Police Department a number of phone stations throughout the city, which, after being completed, will be of great assistance to this department. A signal and call system ought to be connected with these telephone stations.

Again I would recommend that some officer or clerk be appointed with the power of a magistrate to be at the police station at night for the purpose of making complaints, issuing warrants, to accept bail money, bonds, etc. This perhaps could be done by appointing some officer assistant clerk to the Municipal Judge or by appointing a deputy clerk. This is one of the greatest needs of our Police Department. All hours of the night people come to the station for warrants of arrest for absconders and other criminals, and the police can give no protection in many of these cases without warrants and are censured therefor. Besides, the captain on duty is kept busy pretty much all the time with clerical work, attending to bail money, etc., and police business suffers considerably in consequence thereof.

The East Side station should be erected at the earliest possible

date. Much time is lost and police work on the East Side hampered in many ways for want of proper rendezvous for the police officers in that part of the city. I would also recommend that the Honorable City Council take some action towards framing and passing an ordinance looking toward the Sunday closing of saloons and other places where liquors are sold. At the present time the closing of saloons on Sunday is effected under the state law as applied by the District Attorney, but the method of enforcing the law is not at all satisfactory. Discrimination is claimed and much dissatisfaction and opposition to the present method of closing saloons on Sunday is heard on every hand. If an ordinance was passed by the City Council for that purpose and the police force given absolute control of the situation, I am sure that better results would be obtained and less opposition encountered in the Sunday closing of such places.

The department of the police during the past year has been very acceptable. Very few cases of violations of the rules of the department have come to my notice. Their conduct in line of duty, and especially in work of combined efforts, such as strikes, etc., they have shown up very well, and I think that I can truthfully assert that our police force compares very favorably with like forces of other cities equipped with better facilities and larger force per capita than we have, all utterances to the contrary notwithstanding. A vacation of ten days each was granted the members of this department during the past summer months, which with very few exceptions the officers availed themselves of the opportunity and took their vacation.

In conclusion, I thank your Honor for the patience shown me and support and counsel given at all times. I also thank the Police Committee of the Executive Board for the very earnest interest they have taken in police matters and assisting in establishing and maintaining good order and discipline in the department, and for their valuable advice given at all times.

Respectfully submitted,

C. GRITZMACHER,
Chief of Police.

ESTIMATE OF EXPENSES OF THE POLICE DEPARTMENT FOR THE YEAR OF 1908.

One chief at \$225.00 per month.....	\$ 2,700.00
Four captains at \$150.00 each per month.....	7,200.00
Nine sergeants at \$115.00 each per month.....	12,420.00

Eleven detectives at \$115.00 each per month..	15,180.00	
One matron at \$100.00 per month.....	1,200.00	
One hundred fourteen patrolmen at \$100.00 each per month	136,800.00	
		\$ 175,500.00
Meals for prisoners at city jail	\$ 3,000.00	
Meals for prisoners at Kelly Butte	2,200.00	
		\$ 5,200.00
Telegraphing		350.00
Telephoning		425.00
Photographing of criminals		200.00
Plumbing	\$ 250.00	
Hardware and locksmith	200.00	
Stationery and office supplies	750.00	
Expenses city jail, including fuel, etc.....	2,500.00	
Incidentals	1,000.00	
		\$ 4,700.00
Repairs patrol wagon		300.00
New patrol wagon		500.00
New harness		75.00
Police patrol system		1,200.00
Police stables		7,000.00
Buying new horses		2,275.00
Contemplated East Side station.....		8,000.00
Furniture and cells for same.....		800.00
Lights, fuel, etc., for same		600.00
		\$ 207,125.00
Additional estimate for the installation of a police signal system in connection with the Home Telephone		\$ 6,300.00
		\$ 213,425.00

ROSTER OF THE POLICE DEPARTMENT ON DECEMBER 31, 1907.

The total number of the force on January 1, 1907, was 108, since which time 28 were appointed, making 136; three have since resigned, one died and two were dismissed, leaving a total force December 31, 1907, of 130, as follows:

C. Gritzmacher, chief of police.....	\$225.00
Patrick Bruin, captain of police.....	150.00

J. T. Moore, captain of police.....	150.00
G. H. Bailey, captain of police.....	150.00
E. A. Slover, captain of police.....	150.00
E. W. Cole, sergeant of police.....	115.00
C. E. Baty, sergeant of police.....	115.00
Wm. Jones, sergeant of police.....	115.00
C. R. Hellyer, detective	115.00
H. H. Hawley, detective.....	115.00
Mrs. S. Simmons, matron.....	80.00
Anderson, P. C., patrolman.....	100.00
Adams, George, patrolman	100.00
Alden, C. T., patrolman	100.00
Anderson, J. F., patrolman	100.00
Anundson, A. O., patrolman	100.00
Adams, Ellsworth, patrolman	100.00
Addison, John B., patrolman	100.00
Arnold, Stephen S., patrolman	100.00
Abbott, John E., patrolman	100.00
Barter, R. W., patrolman	100.00
Brothers, E. C., patrolman	100.00
Burke, Joseph, patrolman	100.00
Burke, Edward, patrolman	100.00
Blackman, A., patrolman	100.00
Burri, John, patrolman	100.00
Bales, H. C., patrolman	100.00
Burchell, W. A., patrolman	100.00
Barzee, Clifford L., patrolman	100.00
Bewley, Edgar L., patrolman	100.00
Branch, Ben, patrolman	100.00
Burks, Robt. E., patrolman	100.00
Bigelow, Albert, patrolman	100.00
Carr, William, patrolman	100.00
Circle, H. A., patrolman	100.00
Croxford, Geo. E., patrolman	100.00
Carlson, H. L., patrolman	100.00
Courtney, W. P., patrolman	100.00
Crate, E. L., patrolman	100.00
Craddock, R. H., patrolman	100.00
Casey, Thos. J., patrolman	100.00
Coleman, Thos., patrolman	100.00
Endicott, D., patrolman	100.00
Ehmseen, G. H., patrolman.....	100.00
Edgerton, John J., patrolman	100.00

Evans, L. K., patrolman	100.00
Fones, J. P., patrolman	100.00
Field, R. H., patrolman	100.00
Goltz, John A., patrolman	100.00
Galbraith, H. A., patrolman	100.00
Graves, Fred A., patrolman	100.00
Gustafson, A. L., patrolman	100.00
Gittings, John W., patrolman	100.00
Gruber, M. E., patrolman	100.00
Hill, C. B., patrolman	100.00
Hoesley, Jacob, patrolman	100.00
Hirsch, Louis, patrolman	100.00
Holtz, Henry, patrolman	100.00
Humphrey, Wm. D., patrolman	100.00
Howell, Glenn, patrolman	100.00
Harms, L. A., patrolman	100.00
Hunter, Chas. F., patrolman	100.00
Henson, Carl D., patrolman	100.00
Hunter, Jas. M., patrolman	100.00
Inskeep, Chester A., patrolman	100.00
Inskeep, John W., patrolman	100.00
Johnson, Ernest, patrolman	100.00
Justus, Wm. E., patrolman	100.00
King, C. H., patrolman	100.00
Kay, Thos., patrolman	100.00
Keller, Jos., patrolman	100.00
Kienlen, Jos., patrolman	100.00
Keith, Jas. E., patrolman	100.00
Lytle, Stark, patrolman	100.00
Lillis, M. E., patrolman	100.00
Leisy, D., patrolman	100.00
Larfield, Geo. G., patrolman	100.00
Maloney, J. C., patrolman	100.00
Maloney, P. R., patrolman	100.00
Murphy, J. J., patrolman	100.00
Murphy, M. P., patrolman	100.00
Mallett, Fred, patrolman	100.00
Mackey, J. J., patrolman	100.00
McCullough, John, patrolman	100.00
Nelson, O., patrolman	100.00
Nelson, E. S., patrolman	100.00
Newell, L. A., patrolman	100.00
O'Brien, J. W., patrolman	100.00

Ogg, Jefferson, patrolman	100.00
Patten, Frank, patrolman	100.00
Porter, Chas. A., patrolman	100.00
Peterson, Ben, patrolman	100.00
Phillips, R. L., patrolman	100.00
Price, John H., patrolman	100.00
Portwood, J. O., patrolman	100.00
Peterson, F. W., patrolman	100.00
Parker, H. E., patrolman	100.00
Quinton, John, patrolman	100.00
Roberts, Grif, patrolman	100.00
Richards, G. L., patrolman	100.00
Riley, Harry, patrolman	100.00
Raney, H. S., patrolman	100.00
Rudolph, M. M., patrolman	100.00
Russell, Geo. W., patrolman	100.00
Robson, W. E., patrolman	100.00
Sloan, M. F., patrolman	100.00
Stuart, R. M., patrolman	100.00
Smith, B. F., patrolman	100.00
Sinnott, Ed., patrolman	100.00
Sorenson, A. O., patrolman	100.00
Sherwood, B. F., patrolman	100.00
Suitter, N. H., patrolman	100.00
Stahl, R. H., patrolman	100.00
Thompson, J. M., patrolman	100.00
Teevin, W. F., patrolman	100.00
Tichenor, C. H., patrolman	100.00
Tennant, Chas. A., patrolman	100.00
Venable, Chas., patrolman	100.00
Vessey, Sanny B., patrolman	100.00
Wendorf, J. L., patrolman	100.00
Welch, A. C., patrolman	100.00
West, W. E., patrolman	100.00
Wanless, F. E., patrolman	100.00
Wilson, H. C., patrolman	100.00
Wade, B. F., patrolman	100.00
White, S. D., patrolman	100.00
West, Fred M., patrolman	100.00
Wellbrook, John, patrolman	100.00
Young, Sam, patrolman	100.00
Thorpe, E., patrolman	100.00

NUMBER AND CAUSES OF ARRESTS.

Total number of arrests	13,177
Total number of males	12,654
Total number of females	563
Total number of foreigners	2,638
Total number of minors (male)	482
Total number of minors (female)	115
Total number of lodgers	308
Adultery	31
Assault and battery	343
Attempted robbery	15
Assault, dangerous weapon	43
Abusive language	57
After hours	307
Burglary	5
Buying and receiving stolen goods	4
Contempt of court	27
Cruelty to animals	41
Concealed weapons	73
Conduct opium joint	1
Conduct lottery joint	2
Common prostitute	16
Delinquency to Minor	4
Defacing building	8
Disorderly conduct	319
Disorderly by fighting	169
Drunkenness	5,902
Destruction of property	9
Drunk and disorderly	333
Eng Shee in possession	1
Entice minor to house of prostitution	1
Defrauding innkeeper	19
Fugitive from justice	16
Fighting	19
Forgery	8
Gambling	967
Grand larceny	1
Held as witness	54
Insane	78
Incest	1
Inciting riot	3
Kidnapping	1

Lottery tickets in possession	76
Larceny	189
Larceny in a store	12
Larceny from person	30
Larceny in dwelling	12
Larceny by bailee	14
Lewd cohabitation	37
Manslaughter	2
Minors in saloon	47
Murder	4
Minors smoking cigarettes	39
Night walking	18
Obtaining money, false pretenses	24
Opium in possession	30
Obscene pictures in possession	1
Peddling without license	43
Prisoners enroute	26
Macquareaux	14
Refuse to move on	62
Resisting officer	19
Rape	9
Runaway children	28
Robbery	9
Sick and destitute	68
Soliciting on streets	12
Saloons open after hours	36
Soliciting prostitution	44
Sturdy beggars	77
Suspicious persons	29
Safe keeping	1
Trespass	56
Threatening to kill	39
Profane language	33
Vagrancy	1,080
Violating city ordinances	892
Violating Sunday law	36
Jim-jams	57
Unlawfully receiving bank deposits	3
Deserters from U. S. Army	9
Selling liquor, no license	15
Seduction	1
Inmates bawdy house	20
Conducting bawdy house	16

Violating cubic air ordinance	28
Indecent and immoral act	92
Keeping vicious dog	9
Leaving team unhitched	40
Riding bicycle contrary to ordinance.....	7

MISCELLANEOUS.

Accidents attended	112
Attempted suicide	3
Burglaries reported	69
Dangerous bridges reported	56
Dead bodies reported	24
Dead animals reported	124
Defective flues	88
Disturbances reported and suppressed.....	128
Defective buildings reported	4
Fire alarms given	275
Injured persons assisted	206
Intoxicated persons helped home	225
Lost children restored	68
Larcenies reported	868
Nuisances reported and notices served.....	1,135
Holdups reported	77
Sidewalks reported for repairs	274
Street obstructions reported	478
Suicides reported	17
Stray teams put up	51
Unsanitary conditions reported	95
Water running to waste	391
Witnesses summoned	1,082
Patrol wagon runs	5,525
Municipal Court receipts	\$28,841.95
Board of prisoners at city jail	3,015.57
Board of city prisoners at Kelly Butte.....	2,055.00
Prisoners transferred to Kelly Butte.....	241

INVENTORY OF POLICE STATION AND CITY JAIL BUILDING.

First Floor—Chief's Room—

One roll top desk, 5 chairs, 1 table, 1 cuspidor, 1 safe, 4 lockers.

Police Headquarters Stables—

Five horses for patrol wagon, 2 patrol wagons, 2 sets double har-

ness, 4 blankets and surcingles, 25 feet of 1-inch hose, 600 feet of 1-inch fire rope, 2 harness hangers, 3 brooms, 2 pails, 1 fork, 1 shovel, 2 curry combs, 12 saddle horses, 12 horse blankets, 9 saddle blankets, 9 saddles, 9 pair spurs, 9 pair leggins, 1 wagon jack.

First Floor—Clerk's Office—

One letter file case, 2 typewriting desks, 2 roll top desks, 1 table, 1 telegram case, 3 typewriters, 2 safes, 7 lockers, 2 photo record books, 1 circular book of foreign criminals wanted, 1 bound issue of publication called "The Detective," 2 sections cabinet photos of criminals (foreign), 5 boxes letter files, 1 counter with lockers attached, 3 chairs, 1 evidence record book, 12 letter file books, 1 newspaper clipping book, 10 record books, 1 small dictionary, 1 code, 1 letter press, 1 eyelet machine.

First Floor—Jail—

Ten cells with bunks complete, 2 cells without bunks, 1 bath room with bath tub, 2 heating stoves, 1 medicine locker.

Captains' Office—

One official bulletin, 6 lockers, 1 desk, 1 safe, 1 table, 2 chairs, 1 stool, 2 cuspidors, 14 records of arrest, 14 index hooks, 15 record books, 2 clocks, 2 benches, 2 ink wells, 1 heating stove, 1 stove poker.

Second Floor—Rooms of Clerk of Court—

Two roll top desks, 1 counter, 1 hat rack, 4 chairs, 1 table, 1 coal bucket, 1 safe.

First Floor—Electrical Patrol System—

Fifteen cells Sampson's battery, 35 miles line wire, 25 patrol boxes with works complete, 20 telephone boxes with works complete, 3 relays, 1 register, 1 set 6 O. K. keys, 8 telephone listening keys, 1 set 6 push buttons, 1 set 2 push buttons, 8 single push buttons, 7 vibrating bells, 1 6-inch gong, 3 buzzers, 3 three-way switches.

Second Floor—Officers' Assembly Room—

Sixty officers' lockers, 18 chairs, 1 step-ladder, 1 heating stove, 1 coal bucket, 2 tables.

Detectives' Room—

Two roll top desks, 1 photo locker (for loose photos), 1 rogues' gallery, 1 coat and hat rack, 1 combined mirror and towel holder, 1 stand (to measure height of criminals), 1 heating stove, 1 coal bucket, 5 chairs, 1 city directory, 1 cuspidor, 1 table.

Second Floor—Jailor's Locker and Store Room—

Three cases disinfectant, 2 mops, 7 brooms, 4 galvanized pails, 5 lantern globes, 4 maul handles, 1 box soap, 2 sprays.

Municipal Court Room—

Forty-eight chairs, 1 chair (judge's), 1 desk, 2 tables, 1 heating stove, 2 cuspidors, 4 benches (for visitors), 3 benches (for prisoners), 1 coal bucket, 1 reporters' table, 1 umbrella stand.

Third Floor—

Two heating stoves, 1 range, 6 iron bedsteads, 6 bed springs, 12 blankets, 4 cell mats, 4 pillows, 12 chairs, 21 mattresses, 5 sheets, 3 pillow slips, 10 cells with iron bunks complete, 2 dozen dishes, 1 hath room with bath tub, 3 washboards, 3 buckets, 1 table, 2 mops, 1 garbage can, 1 broom, 1 duster.

ANNUAL REPORT OF Chief Engineer

Portland, Oregon, December 31, 1907.

To the Honorable the Mayor, and Executive Board of the City of
Portland.

Gentlemen: I respectfully submit to your honorable body a report in detail of the revenues and expenditures of the Fire Department for the year 1907, and also an estimate of the amount necessary for the expenses of the department for the ensuing year, together with such information and recommendations necessary for its efficiency.

REVENUE FOR 1907.

Balance, 1906	\$ 76,415 95
Transfers from general fund	2,483 00
Transfer from fire boat fund.....	272 42
Rebate on fire engine.....	430 00
Rebate on cable	95 96
Received from taxes	360,055 57
Total.....	\$ 439,752 90

EXPENDITURES FOR 1907.

Salaries	\$ 211,423.62
Rents and cost of one lot and two engine houses.....	18,063 45
House fixtures, furniture and repairs.....	9,026 15
Apparatus and repairs and shop material.....	21,953 51
Horses, horse hire, etc.	10,163 50
Horse shoeing	2,145 75
Veterinary surgeon	300 00
Feed	12,596 35
Harness and repairs	713 75
Fuel	8,780 32
Lighting (lanterns on apparatus)	337 68
Stores (company supplies)	2,162 34

Incidentals (allowance, balance companies, etc.).....	505 20
Hose	6,492 50
Hydrant repairs	177 52
Cistern repairs	17 80
Office expenses, printing and advertising.....	593 62
Fire alarm telegraph, labor and wages.....	2,351 84
Fire alarm telegraph, material and repairs.....	33,925 17
Total	\$ 341,730 07

Included in the above is the following for new material and equipment:

Two engines	\$ 11,700 00
Two hose wagons	2,200 00
One combination hose wagon.....	1,950 00
Thirty horses	9,300 00
Nine thousand two hundred feet hose.....	6,430 00
One lot and erecting house, Portland Heights.....	10,197 00
Engine Co. No. 11, furniture, fixtures, etc.	1,830 12
Engine Co. No. 12, furniture, fixtures, etc.	1,855 00
Engine Co. No. 13, erecting house and furniture, fixtures, etc.	8,275 00
Engine Co. No. 14, furniture, fixtures, etc.	1,990 00
Hose Co. No. 4, house repairs, furniture, etc.....	900 00
Mississippi Avenue House, repairs and fixtures.....	500 00
Fire alarm telegraph, underground cable, central office equipment, lines, extension and improvements, by changing to manual system.....	30,801 56
Changing fire boat to oil burner.....	2,450 00
Total.....	\$ 90,378 68

ESTIMATE OF EXPENSES FOR THE YEAR 1908.

Salaries—

1 chief engineer, \$225.00 per month.....	\$ 2,700 00
1 assistant chief engineer, \$175.00 per month.....	2,100 00
3 battalion chiefs, \$150.00 per month.....	5,400 00
1 superintendent fire alarm telgraph, \$150.00 per month..	1,800 00
1 master mechanic, \$135.00 per month.....	1,620 00
1 relief engineer, \$110.00 per month.....	1,320 00
1 instrument maker, \$100.00 per month	1,200 00
1 machinist, \$100.00 per month.....	1,200 00
1 hydrantman, \$100.00 per month.....	1,200 00

1 hydrantman, \$90.00 per month	1,080 00
3 switchboard operators, \$90.00 per month.....	3,240 00
3 linemen, \$90.00 per month	3,240 00
1 supply driver, \$90.00 per month	1,080 00
1 stenographer, \$90.00 per month	1,080 00
1 driver for chief, \$90.00 per month	1,080 00
29 captains, \$115.00 per month	40,020 00
25 lieutenants, \$95.00 per month	28,500 00
14 engineers, \$110.00 per month	18,480 00
17 stokies, \$90.00 per month	18,360 00
43 drivers, \$90.00 per month	46,440 00
69 hosemen, \$90.00 per month	74,520 00
27 laddermen, \$90.00 per month	29,160 00
4 pipemen, \$90.00 per month	4,320 00
1 master fireboat, \$125.00 per month	1,500 00
1 pilot fireboat, \$115.00 per month	1,380 00
1 engineer fireboat, \$125.00 per month	1,500 00
2 engineers fireboat, \$115.00 per month	2,760 00

254 men

254 men	\$ 296,280 00
Deductions for resignations, etc., changing salaries from maximum to minimum of new appointees.....	\$ 3,000 00
Total estimate for salaries	\$ 293,280 00

Running Expenses—

Rents	\$ 540 00
House repairs, fixtures and furniture.....	7,000 00
Repairs to apparatus	11,000 00
Repairs to harness	800 00
Scavenger services	1,500 00
Horseshoeing	2,500 00
Horse hire and pasturing	140 00
Veterinary surgeon's services	420 00
Feed	15,000 00
Fuel	9,000 00
Lighting (lanterns on apparatus).....	500 00
Incidentals (inc. allowance Vol. Hose Company).....	1,000 00
Hydrant repairs	1,000 00
Cistern repairs	1,000 00
Printing, advertising and office expenses.....	600 00
Small stores (see list).....	3,000 00
Fire alarm telegraph, repairs and labor.....	5,000 00

Insurance	1,000 00
Total estimate running expenses.....\$	61,000 00

**New Equipment and Material—For Third and Glisan
Street Engine No. 2 House—**

Engine house	\$ 20,090 00
5 horses	1,750 00
2½ sets of harness	180 00
Heater and connections	500 00
Fixtures, furniture	800 00
2 habcocks, 5 ceiling springs and door springs.....	450 00
Salary and running expenses, 6 months.....	4,800 00
Total	\$ 28,480 00

Vicinity St. Vincent's Hospital—

House and lot	\$ 12,389 00
1 second size engine	6,350 00
1 combination chemical engine and hose wagon.....	1,950 00
5 horses	1,750 00
5 sets harness	180 00
2000 feet 2½-inch hose and 300 feet 1½-inch hose.....	2,150 00
Heater and connections	500 00
Fixtures, furniture	700 00
Babcocks, ceiling and door springs.....	450 00
Salary and running expenses, 6 months.....	4,800 00
Total	\$ 31,219 00

Vicinity Fourteenth and Mill Streets—

House and lot	\$ 12,500 00
1 second size engine	6,350 00
1 combination chemical and hose wagon.....	1,950 00
5 horses	1,750 00
5 sets harness	180 00
2000 feet 2½-inch hose and 300 feet 1½-inch hose.....	2,150 00
Heater and connections	500 00
Fixtures, furniture	700 00
Babcocks, ceiling and door springs.....	450 00
Salary and running expenses, 6 months.....	4,800 00
Total	\$ 31,330 00

New Equipment and Material—

1 third size engine for Engine Co. No. 10.....\$	6,100 00
1 third size engine for Sellwood.....	6,100 00
1 combination chemical engine for Sellwood hose wagon.	1,950 00
2 horses for engine at Sellwood	700 00
1 heater and necessary alterations, Sellwood.....	600 00

Total \$ 9,350 00

1 water tower and four life nets.....\$	8,100 00
2 second size engines for reserve	12,700 00
2 hose wagons for reserve	2,200 00
2000 feet 2½-inch hose	2,000 00
1800 feet 1½-inch hose	900 00
4 soft suctions	320 00
1 fuel wagon	500 00
1 battalion chief's buggy	300 00
15 horses	4,500 00

Total \$ 31,520 00

New Material Fire Alarm Telegraph—

Underground cable for East Side house circuits.....\$	3,769 00
Installing 25 fire alarm boxes on hand for east side.....	2,316 00
25 new fire alarm boxes and installing same.....	5,425 00
50 iron posts and setting same and iron pipe and wire....	1,062 00
Material, wire and instruments for 3 new engine houses..	880 00
23 miles of wire for house circuits and installing same...	1,210 00
Extra labor on underground work.....	728 00
Telephone equipment for fire alarm boxes.....	270 00

Total new material fire alarm telegraph.....\$ 15,660 00

Total salaries and running expenses \$ 354,280 00

Total new material 153,659 00

Total estimate for 1908.....\$ 507,939 00

Expenditures all Companies and Supply Dept. for Year ending December 31, 1907

COMPANIES	Salaries	House and Lot		Apparatus
		Costs and Rents	Repairs Fixtures Furniture	New and Shop
Fire Boat Geo. H. Williams	\$ 20719 96	\$. . .	\$ 227 98	\$
Engine Company No. 1	10748 07	. . . .	450 05	. . . .
Engine Company No. 3	10525 40	. . . .	171 13	. . . .
Engine Company No. 4	8687 80	. . . .	14 57	. . . .
Engine Company No. 5	8667 61	. . . .	40 69	. . . .
Engine Company No. 6	8412 70	180 00	492 82	. . . .
Engine Company No. 7	8719 90	. . . .	233 47	. . . .
Engine Company No. 8	8691 85	250 00	18 15	. . . .
Engine Company No. 9	8622 85	. . . .	9 96	. . . .
Engine Company No. 10	8629 45	. . . .	12 12	. . . .
Engine Company No. 11	6069 35	. . . .	540 44	. . . .
Engine Company No. 12	5896 10	. . . .	650 03	. . . .
Engine Company No. 13	. . . .	. . . .	903 85	. . . .
Engine Company No. 14	. . . .	. . . .	1808 37	. . . .
Engine Company No. 15	. . . .	. . . .	155 30	. . . .
Truck Company No. 1	10287 85	. . . .	524 84	. . . .
Truck Company No. 2	8389 95	. . . .	. . . .	. . . .
Truck Company No. 3	8307 70	. . . .	126 90	. . . .
Truck Company No. 4	8681 88	206 45	92 60	. . . .
Truck Company No. 5	2084 40	30 00	344 40	. . . .
Hose Company No. 1	6160 95	. . . .	36 66	. . . .
Hose Company No. 2	6160 55	. . . .	33 70	. . . .
Hose Company No. 3	6290 50	. . . .	23 22	. . . .
Hose Company No. 4	2591 30	. . . .	1466 02	. . . .
Hose Company No. 6	5894 08	. . . .	48 85	. . . .
Chemical Engine Co. No. 1	3194 15	. . . .	30 03	. . . .
Chemical Engine Co. No. 2	3371 35	. . . .	31 53	. . . .
Chemical Engine Co. No. 3	2300 65	. . . .	. . . .	. . . .
Chemical Engine Co. No. 4	2739 60	. . . .	34 00	. . . .
Miss. Ave. House	. . . .	. . . .	504 47	. . . .
Officers and Supply Dept.	. . . .	17397 00	. . . .	16175 58
Totals	\$ 190,845 95	18063 45	\$ 9,026 15	\$ 16,175 58

Expenditures all Companies and Supply Dept. for Year ending December 31, 1907.—Continued.

COMPANIES	Apparatus	HORSES	
	Repairs	Cost, Hire, Etc.	Shoeing
Fire Boat Geo. H. Williams	\$ 3535 30	\$ 35 14	\$ 45 50
Engine Company No. 1	268 43	34 12	120 00
Engine Company No. 3	56 77	33 14	122 50
Engine Company No. 4	20 44	33 14	121 00
Engine Company No. 5	43 46	33 14	120 00
Engine Company No. 6	69 25	33 14	85 00
Engine Company No. 7	29 25	33 14	98 00
Engine Company No. 8	18 20	41 14	118 00
Engine Comyany No. 9	. . . .	33 14	99 00
Engine Company No. 10	1 50	55 14	102 50
Engine Company No. 11	101 66	20 90	68 25
Engine Company No. 12	101 61	36 90	64 00
Engine Company No. 13	52 36	. . . .	. . . .
Engine Company No. 14	50 26	. . . .	. . . .
Engine Company No. 15	8 76	. . . .	. . . .
Truck Company No. 1	125 05	33 14	81 00
Truck Company No. 2	16 45	33 14	64 50
Truck Company No. 3	76 75	33 14	77 50
Truck Company No. 4	68 71	33 14	72 00
Truck Company No. 5	34 60	10 26	13 00
Hose Company No. 1	37 25	33 14	52 00
Hose Company No. 2	33 90	33 14	48 00
Hose Company No. 3	2 00	33 14	52 50
Hose Company No. 4	41 20	17 38	18 50
Hose Company No. 6	49 40	33 14	45 00
Chemical Engine Co. No. 1	171 50	33 14	47 00
Chemical Engine Co. No. 2	27 75	33 14	48 00
Chemical Engine Co. No. 3	5 50	33 14	50 00
Chemical Engine Co. No. 4	75	33 14	50 50
Miss. Ave. House	70	. . . .	. . . .
Officers and Supply Dept.	729 17	9316 00	262 50
Totals	\$ 5777 93	\$ 10,163 50	\$ 2,145 75

Expenditures all Companies and Supply Dept. for Year
ending December 31, 1907.—Continued.

COMPANIES	HORSES		Harness and Repairs	Fuel
	Vet. Surgeon	Feed		
Fire Boat Geo. H. Williams	\$ 11 88	\$ 286 45	\$ 4 25	\$ 6397 77
Engine Company No. 1	11 88	758 59	18 60	213 13
Engine Company No. 3	11 88	740 81	11 60	152 25
Engine Company No. 4	11 88	713 08	115 90	125 62
Engine Company No. 5	11 88	515 28	15 75	127 50
Engine Company No. 6	11 88	532 61	58 35	106 00
Engine Company No. 7	11 88	788 48	61 10	102 87
Engine Company No. 8	11 88	649 54	23 85	90 75
Engine Company No. 9	11 88	545 82	3 75	115 75
Engine Company No. 10	11 88	662 88		137 25
Engine Company No. 11	7 56	448 08	29 83	69 25
Engine Company No. 12	7 56	415 76	31 38	65 25
Engine Company No. 13		53 50	91 53	4 50
Engine Company No. 14		48 93	91 56	
Engine Company No. 15				
Truck Company No. 1	11 88	466 10	3 05	
Truck Company No. 2	11 88	576 20	1 75	21 00
Truck Company No. 3	11 88	532 97	15 35	30 75
Truck Company No. 4	11 88	423 92	12 90	20 00
Truck Company No. 5	2 76	108 76	14 80	5 25
Hose Company No. 1	11 88	359 66	7 50	24 00
Hose Company No. 2	11 88	437 91	5 55	28 75
Hose Company No. 3	11 88	282 42	6 75	39 00
Hose Company No. 4	6 56	141 34	12 00	3 00
Hose Company No. 6	11 88	408 08	8 40	24 75
Chemical Engine Co. No. 1	11 88	315 24	3 45	11 00
Chemical Engine Co. No. 2	11 88	357 78	1 00	13 50
Chemical Engine Co. No. 3	11 88	335 36	2 00	12 00
Chemical Engine Co. No. 4	11 88	311 58		17 50
Miss. Ave. House				
Officers and Supply Dept.	14 20	379 22	61 80	821 93
Totals	\$ 300 00	\$ 12,596 35	713 75	\$ 8780 32

Expenditures all Companies and Supply Dept. for Year
ending December 31, 1907.—Continued.

COMPANIES	Lighting	Stores	TOTALS
Fire Boat Geo. H. Williams	\$ 19 95	\$ 51 37	\$ 31,335 55
Engine Company No. 1	27 80		12,650 67
Engine Company No. 3	27 80	14 50	11,867 78
Engine Company No. 4	16 40	10 64	9,870 47
Engine Company No. 5	16 40	5 67	9,597 38
Engine Company No. 6	10 45		9,992 20
Engine Company No. 7	16 40	9 89	10,104 38
Engine Company No. 8	11 40	7 25	9,932 01
Engine Company No. 9	11 40	12 98	9,466 53
Engine Company No. 10	11 40	17 12	9,641 24
Engine Company No. 11	8 55	6 50	7,370 37
Engine Company No. 12	8 55	8 75	7,285 89
Engine Company No. 13			1,105 74
Engine Company No. 14			1,999 12
Engine Company No. 15			164 06
Truck Company No. 1	10 45	4 98	11,548 34
Truck Company No. 2	16 40		9,131 27
Truck Company No. 3	15 90	14 50	9,243 34
Truck Company No. 4	12 50	14 50	9,650 48
Truck Company No. 5	2 85	9 40	2,660 48
Hose Company No. 1	10 45	4 17	6,737 66
Hose Company No. 2	8 80		6,802 18
Hose Company No. 3	16 40		6,757 81
Hose Company No. 4	2 85	1 00	4,301 15
Hose Company No. 6	15 45		6,539 03
Chemical Engine Co. No. 1	5 95	84 04	3,907 38
Chemical Engine Co. No. 2	8 55	41 93	3,946 41
Chemical Engine Co. No. 3	16 40	41 67	2,808 60
Chemical Engine Co. No. 4	8 23	8 48	3,215 66
Miss. Ave. House			505 17
Officers and Supply Dept.		1793 00	46,950 40
Totals	\$ 337 68	\$ 2,162 34	\$ 277,088 75

GENERAL EXPENDITURES FOR 1907.

Officers and staff salaries	\$ 20,577 67
Hose	6,492 50
Hydrant repairs	177 52
Cistern repairs	17 80
Office expenses and printing	593 62
Incidentals (including balance hose companies).....	505 20

\$ 28,364 31

Fire Alarm Telegraph—

Wages for line work and labor	\$ 2,351 84
Underground cable, central office equipment, for changing to manual system and repairs.....	33,925 17

\$ 36,277 01

Total general expenditures.....\$ 64,641 32

Summary of Expenditures—

Company and supply expenses.....	\$ 277,088 75
General expenses	64,641 32

Total expenses for 1907.....\$ 341,730 07

LIST OF PROPERTY IN TRUST.

Houses and Lots (Values Estimated)—

Fire boat, house and dock	\$ 10,000 00
Engine Co. No. 1 and Hook and Ladder Co. No. 1, lot, house and bell tower	55,000 00
Engine Co. No. 3, house and lot.....	25,000 00
Engine Co. No. 4 and Hook and Ladder Co. No. 2, house and lot	6,500 00
Engine Co. No. 5, house and lot	4,000 00
Engine Co. No. 6, house	2,000 00
Engine Co. No. 7 and Hook and Ladder Co. No. 4, house and lot	15,000 00
Engine Co. No. 8 and Hook and Ladder Co. No. 5, house..	3,000 00
Engine Co. No. 9, house and lot	4,000 00
Engine Co. No. 10, house and lot	4,000 00
Engine Co. No. 11, house and two lots	6,000 00
Engine Co. No. 12, house and lot	5,000 00

Engine Co. No. 13, house and lot	9,950 00
Engine Co. No. 14, house and lot	6,000 00
Engine Co. No. 15, house and lot	10,197 00
Hook and Ladder Co. No. 3, house and lot.....	15,000 00
Hose Co. No. 1 and Chemical Eng. Co. No. 1, house and lot	15,000 00
Hose Co. No. 2 and Chemical Eng. Co. No. 2, house and lot	15,000 00
Hose Co. No. 3, house and lot	2,500 00
Hose Co. No. 4, house and two lots.....	3,000 00
Hose Co. No. 6, house, lot and corporation shed.....	6,500 00
Chemical Engine Co. No. 3, house and lot.....	2,250 00
Chemical Engine Co. No. 4, house and lot.....	2,000 00
Lot on Borthwick street	1,000 00
House and lot, Vancouver avenue	1,000 00
50x95 feet, n. e. corner Third and Glisan streets.....	45,000 00

Total

\$ 273,897 00

Apparatus—

One fire boat, seventeen engines, sixteen hose wagons, three combination chemical engines and hose wagons, three four-wheel hose carriages, one four-wheel hand (hose) carriage, two two-wheel hose carts, three two-wheel hose reels, one first-class hook and ladder truck, one second-class hook and ladder truck, three third-class hook and ladder trucks, one village hand truck, one combination chemical engine and truck, four chemical engines

\$ 185,000 00

Harness	5,500 00
Property in corporation shed	200 00
Property in City Hall office	600 00
Property in engine houses	10,000 00
95 horses	23,750 00
Hose	30,000 00
Machinery and tools (machine shop).....	1,500 00
Fire alarm apparatus	70,000 00
1,018 hydrants	

Total

\$ 326,550 00

Total value of property in trust.....\$ 600,447 00

LOCATION OF HOUSES.

Fire boat "George H. Williams," foot of East Washington street.

Engine Company No. 1, east side of Fourth, between Morrison and Yamhill streets. No. 170 Fourth street.

Engine Company No. 3, south side of Washington, opposite North Sixteenth street. No. 510 Washington.

Engine Company No. 4, east side of Fourth, between Montgomery and Mill streets. No. 370 Fourth street.

Engine Company No. 5, west side of Front, between Whittaker and Gibbs street. No. 811 Front street.

Engine Company No. 6, Nicolai, between Twenty-first and Twenty-second streets.

Engine Company No. 7, southeast corner East Third and East Pine streets. No. 40 East Third street.

Engine Company No. 8, north side of Russell, between Williams avenue and Rodney avenue. No. 287 Russell street.

Engine Company No. 9, corner of Thirty-fifth and Belmont streets, Sunnyside. No. 1056 Belmont street.

Engine Company No. 10, Macadam street, Fulton.

Engine Company No. 11, northeast corner Twelfth and Powell streets.

Engine Company No. 12, northwest corner E. Twenty-eight and Davis streets.

Engine Company No. 13, northwest corner Grand avenue and Multnomah street.

Engine Company No. 14. 1029 Union avenue North.

Engine Company No. 15. 584 Spring street, Portland Heights.

Chemical Engine No. 1, west side of Second, between Oak and Pine streets. No. 69 Second street.

Chemical Engine No. 2, west side of First, between Madison and Jefferson streets. No. 273 First street.

Chemical Engine No. 3, west side of Union avenue, between Holladay avenue and Hassalo street. No. 227 Union avenue.

Chemical Engine No. 4. 859 Mississippi avenue.

Hook and Ladder Company No. 1, east side of Fourth, between Morrison and Yamhill streets. No. 168 Fourth street.

Hook and Ladder Company No. 2, east side of Fourth, between Montgomery and Mill streets. No. 368 Fourth street.

Hook and Ladder Company No. 3, north side of Glisan, between North Fourteenth and North Fifteenth streets. No. 511 Glisan street.

Hook and Ladder Company No. 4. No. 40 East Third street.

Hook and Ladder Company No. 5. No. 287 Russell street.

Hose Company No. 1, west side of Second, between Oak and Pine streets. No. 69 Second street.

Hose Company No. 2, west side of First, between Madison and Jefferson streets. No. 273 First street.

Hose Company No. 3, west side of East Seventh, between Stephens and East Harrison streets. No. 367 East Seventh street.

Hose Company No. 4. No. 1660 Thirteenth street, Sellwood.

Hose Company No. 6, west side of Twentieth, between Quimby and Raleigh streets. No. 329 Twentieth street, North.

Supply building, west side of Twentieth, between Quimby and Raleigh streets. No. 331 Twentieth street, North.

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

EXHIBIT OF LOSSES BY FIRE DURING THE YEAR 1907, VALUE

MONTHS	Value Involved in Fires		Loss	
	Building	Contents	Building	Contents
January	\$ 99,950 00	\$ 132,306 80	\$ 9,640 00	\$ 16,868 00
February	186,400 00	80,000 00	2,953 60	2,369 15
March	92,350 00	122,902 84	7,909 05	25,214 22
April	541,725 00	27,400 00	4,338 25	4,780 46
May	575,539 00	248,300 00	12,244 30	26,773 62
June	212,755 00	76,527 42	31,410 08	11,942 57
July	239,640 00	361,062 00	25,792 47	118,618 09
August	70,876 00	60,800 00	4,236 45	7,196 56
September	157,345 00	100,760 00	33,558 05	15,884 32
October	292,110 00	35,150 00	25,907 70	11,277 10
November	157,065 00	115,115 00	2,839 70	7,970 82
December	128,975 00	21,390 00	9,682 00	4,776 88
Totals	\$ 2,754,730 00	\$ 1,381,714 06	\$ 170,511 65	\$ 253,671 79

Month	Insured for		Insurance Paid	
	Building	Contents	Building	Contents
JANUARY	\$ 50,850 00	\$ 98,000 00	\$ 6,820 00	\$ 15,508 00
FEBRUARY	93,000 00	27,215 00	2,029 10	1,269 15
MARCH	52,900 00	63,875 00	5,709 05	21,920 22
APRIL	38,560 00	9,775 00	3,678 25	2,520 46
MAY	125,510 00	73,200 00	11,089 30	4,620 62
JUNE	127,625 00	49,400 00	19,234 08	1,695 15
JULY	101,440 00	225,337 95	21,957 47	110,513 34
AUGUST	39,800 00	28,300 00	3,871 45	5,001 56
SEPTEMBER	98,480 00	61,077 95	33,299 15	14,479 32
OCTOBER	257,300 00	18,925 00	24,347 70	5,147 10
NOVEMBER	83,100 00	55,750 00	2,773 70	5,447 00
DECEMBER	66,850 00	10,150 00	6,537 00	1,751 88
Totals	\$ 1,135,415 00	\$ 721,005 90	\$ 141,346 25	\$ 189,873 80

OF PROPERTY, INSURANCE INVOLVED, INSURANCE PAID, ETC

MONTHS	Loss in Which Fire Did Originate		Loss in Which Fire Did Not Originate	
	Building	Contents	Building	Contents
JANUARY	\$ 9,065 00	\$ 16,713 00	\$ 575 00	\$ 155 00
FEBRUARY	2,943 60	2,369 15	10 00	10 00
MARCH	7,566 30	25,189 22	342 75	25 00
APRIL	4,338 25	4,780 46		
MAY	12,224 30	26,398 62	20 00	375 00
JUNE	28,774 58	11,467 57	2,635 50	475 00
JULY	24,030 06	117,478 09	1,762 41	1,140 00
AUGUST	3,111 45	6,596 56	1,125 00	600 00
SEPTEMBER	33,316 05	15,017 32	242 00	867 00
OCTOBER	24,986 70	9,444 10	921 00	1,833 00
NOVEMBER	2,839 70	7,970 82		
DECEMBER	9,607 00	4,776 88	75 00	
Totals	\$ 162,802 99	\$ 248,201 79	\$ 7,708 66	\$ 5,470 00

MONTHS	Confined to Building in which it started	Confined to Floor in which it started	Extended to Adjoining Building	Extended Beyond Adjoining Building	Extinguish- ed by Water	Extinguish- ed by Chemical
JANUARY	16	18		1	19	9
FEBRUARY	3	9	1		7	4
MARCH	7	11	3		15	10
APRIL	10	10			17	8
MAY	8	8			22	3
JUNE	13	15	2		22	11
JULY	8	10	2		22	4
AUGUST	6	13	2		15	10
SEPTEMBER	11	9	1		25	8
OCTOBER	4	8	1		11	1
NOVEMBER	4	6			6	3
DECEMBER	6	16	1		10	6
Totals	90	133	13	1	191	77

Total Loss	\$ 424,183 44
Insurance	1,856,420 90
Insurance Paid	331,220 05
Loss over Insurance Paid	92,963 39
Value of Property Involved	4,136,444 06

CLASSIFICATION OF LOSSES.

Number of false alarms	90
Number of fires, no loss and other than buildings.....	462
Number of fires, loss under \$100.00	100
Number of fires, loss between \$ 100.00 and \$ 200.00.....	23
Number of fires, loss between 200.00 and 300.00.....	14
Number of fires, loss between 300.00 and 400.00.....	12
Number of fires, loss between 400.00 and 500.00.....	9
Number of fires, loss between 500.00 and 750.00.....	11
Number of fires, loss between 750.00 and 1,000.00.....	9
Number of fires, loss between 1,000.00 and 2,000.00.....	21
Number of fires, loss between 2,000.00 and 5,000.00.....	11
Number of fires, loss between 5,000.00 and 10,000.00.....	7
Number of fires, loss over \$10,000	10
 Total	 779

TABLES OF FIRES AND ALARMS
For Year ending December 31, 1906.

Month	From all sources	Boxes	Telephones	Stills	Actual Fires	False Alarms
January	57	17	34	6	20	5
February	55	28	20	7	28	4
March	106	31	61	14	39	9
April	60	24	31	5	17	10
May	50	20	26	4	16	12
June	75	29	42	4	22	11
July	80	29	40	11	28	5
August	80	26	44	10	25	5
September	46	13	22	11	11	11
October	49	18	23	8	14	11
November	55	23	24	8	16	11
December	61	23	32	6	23	11
 Totals	 774	 281	 399	 94	 259	 105

TABLE OF FIRES AND ALARMS
For Year ending December 31, 1907

Month	From all sources	Boxes	Telephones	Stills	Actual Fires	False Alarms
January	121	39	63	19	31	16
February	48	11	28	9	14	6
March	57	20	24	13	19	6
April	70	29	35	6	21	7
May	43	16	22	5	16	3
June	68	33	28	7	27	11
July	77	29	34	14	24	7
August	59	15	34	10	17	5
September	50	21	21	8	19	9
October	49	20	23	6	11	10
November	58	17	30	11	12	1
December	79	27	40	12	16	9
Totals	779	277	382	120	227	90

CAUSES OF FIRES AND ALARMS.

Accidents	2
Burning flues	229
Burning fuel oil	1
Burning sawdust	1
Burning brush	7
Broken steam pipe	1
Bonfires	9
Burning grass	6
Broken trolley wire	1
Boiling tar	3
Christmas tree decorations	2
Carelessness	25
Crossed wires	21
Cigar stumps	13
Coal oil stove	1
Children with matches	17
Cigarettes	1
Defective flues	30
Defective stove pipe	1
Defective chimneys	3
Defective air shaft	1
Defective ranges	2
Defective forge	1
Defective firebox	1
Defective hearth	1
Defective wiring	3
Defective fireplace	1
Defective gas pipes	2
Electric wries	23
Electric irons	2
Escaping steam	1
Fuel oil explosions	5
Friction of conveyor	1
Fumigating	4
Fireworks	9
Furnace smoking	1
Forest fires	2
Gas leaks	3
Gas explosion	3
Gasoline explosion	12
Gas stove	2
Gas plate	1

Gasoline stove	2
Hot ashes	5
Hot lead	1
Hot journals	4
Hot oven	1
Incendiary	1
Lighted candle	1
Lamp explosions	10
Lace Curtains	1
Lamp upset	1
Lighted pipe	1
Leaking oil pipe	1
Man killed by electric wires	1
Overheated stove	11
Overheated furnace	2
Overheated motor	1
Oily waste	3
Overheated stack	2
Open flue	3
Overheated oven	1
Overheated stove pipe	1
Oil lamp	2
Oil explosion	3
Overturnd lamp	2
Overheated chimney	1
Oil stove	1
Rubbish	10
Rats and matches	2
Smouldering fires	8
Sparks, chimney	50
Spontaneous combustion	10
Supposed incendiary	13
Smouldering ruins	3
Smoke from furnace	4
Sparks from forge	1
Sparks from shoddy mill	1
Sparks from locomotives	6
Sparks from donkey engine	3
Sparks from stack	6
Sparks from bonfire	1
Sparks from stove	1
Sparks from cupalo	2
Thawing pipe	3

Thawing gas meter	1
Torches	2
Unknown	44
False alarms	90
Total	779

FIRE RECORD 1883 TO 1907, INCLUSIVE.

In 1883 total losses amounted to.....	\$319,092	20
In 1884 total losses amounted to.....	403,851	90
In 1885 total losses amounted to.....	59,329	73
In 1886 total losses amounted to.....	98,146	16
In 1887 total losses amounted to.....	84,173	72
In 1888 total losses amounted to.....	54,347	70
In 1889 total losses amounted to.....	37,730	23
In 1890 total losses amounted to.....	70,997	61
In 1891 total losses amounted to.....	251,759	86
In 1892 total losses amounted to.....	573,885	50
In 1893 total losses amounted to.....	155,459	39
In 1894 total losses amounted to.....	889,528	94
In 1895 total losses amounted to.....	139,611	20
In 1896 total losses amounted to.....	309,481	61
In 1897 total losses amounted to.....	70,722	51
In 1898 total losses amounted to.....	74,076	81
In 1899 total losses amounted to.....	171,684	86
In 1900 total losses amounted to.....	73,809	92
In 1901 total losses amounted to.....	254,704	19
In 1902 total losses amounted to.....	591,870	90
In 1903 total losses amounted to.....	912,753	73
In 1904 total losses amounted to.....	414,899	89
In 1905 total losses amounted to.....	860,420	14
In 1906 total losses amounted to.....	503,911	39
In 1907 total losses amounted to.....	424,183	44

SUMMARY.

Organization and Equipment—

The Fire Department as now constituted under the control of your honorable body, consists of:

One chief engineer.

One assistant chief engineer.
 Two battalion chiefs.
 One superintendent of the fire alarm telegraph.
 Three linemen.
 One master mechanic.
 One machinist.
 One hydrant man.
 One supply driver.
 Three switchboard operators.
 One fire alarm repair man.
 Thirteen steam fire engine companies, manned by one hundred and eight men.
 Three chemical engine companies, manned by nine men.
 Five hose companies, manned by thirty men.
 Five hook and ladder companies, manned by forty-two men.
 Fire boat company and hose wagon, manned by eighteen men.
 Total, two hundred and twenty-three men.
 One hundred and nine (109) horses.
 Three reserve engines in good condition.
 One extra first-class Metropolitan.
 One second-class Metropolitan.
 One second-class Waterous.
 One fourth-class Silsby.
 One reserve hook and ladder truck (Hays), fourth-class, in good condition.
 One combination chemical and hose wagon.
 One reserve hose wagon.
 One double sixty-gallon Champion chemical engine.
 Two two-wheeled hose carts, in good condition.
 One supply wagon.
 One chief's buggy
 One assistant chief's buggy.
 Two battalion chiefs' buggies.
 One reserve buggy.
 One superintendent fire alarm telegraph buggy.
 We have in reserve 3200 feet of cotton rubber-lined hose.

Auxiliary Volunteer Fire Companies—

Portland Heights—One hose reel and 600 feet of rubber hose.
 Midway Hose Company—One hose reel and 500 feet of cotton hose.
 North Albina Volunteer Hose Company—One hose reel and 600 feet of rubber hose.

Fire Hose in Service—

In the Fire Department we have 34,000 feet of 2½-inch cotton rubber lined, 8000 feet of 2¾, 4000 feet of 1½-inch, 1700 feet of rubber hose; in reserve, 3200 feet of cotton hose; making a grand total of 50,900 feet of hose in actual service.

During the year four fire companies have been installed, viz: Engine No. 11 at Brooklyn, No. 12 at East Davis and Twenty-eight streets, Truck No. 5 at Russell and Williams avenue, and Hose No. 4 at Sellwood. These companies being fully equipped with men, apparatus, hose and horses, make a decided improvement in the service on the east side of the river.

At Multnomah and Grand avenue a new engine house has been completed, and apparatus, hose and horses are in readiness for installation as soon as the men can be obtained.

Chemical Engine No. 4 house at Highland has been remodeled and put in shape for an engine company. The fire house on Mississippi avenue, Albina, has been put in condition to be occupied by Chemical Engine No. 4. A lot has been purchased and a fire-class fire house erected thereon on Portland Heights, and apparatus, hose and horses have been provided for same.

The burners on the fire boat have been changed from coal to oil and a decided improvement is noticeable, and the cost of fuel reduced more than 50 per cent.

During the year \$9026.15 has been spent on general repairs to the houses of the department and \$5777.93 on repairs to apparatus. An additional machinist has been added to the force in the repair shop and much of the work heretofore sent to outside shops is now done under the direction of the master mechanic. Thirty-one horses have been purchased during the year to take the place of worn-out animals and several that died.

Thirty-one men have been added to the service by the installation of the new companies, and an additional engineer to the fire boat.

Fifty new hydrants have been placed during the year in the sec-

tions of the City most urgently needing them; 9400 feet of hose has been purchased, two hose wagons, two second size engines and one combination hose wagon.

During the past year considerable attention has been paid to improving the fire alarm telegraph branch of the Fire Department in bringing it up to a standard of efficiency that that branch of the service should occupy.

A city the size of Portland with the large area to be covered has in the past not had the proper facilities for notifying the Fire Department of a fire that it should have, but the stride and improvements that have been made and are under course of construction will place it on a par with the best-equipped cities.

Two years ago the insurance underwriters sent a committee of experts to examine the fire fighting facilities of various cities throughout the country, and they made recommendations as to the improvement of the fire alarm telegraph of this City, some of which have been complied with and others are under construction.

The east side station with its batteries, switch-boards, etc., has been brought to the City Hall, and all the east side circuits connected therewith; also the east side has been remembered by the purchase of twenty-five new fire alarm boxes, which have been received and are in process of being placed in service. Three new engine houses have been connected with the circuits and the necessary instruments, horse unhitchers and stall-door openers have been made in our shop and placed in position. There has also been purchased 102,000 feet of rubber covered underground cable and a complete underground system in the fire limits is being installed, which is about 70 per cent complete. A new fast-time system of sending alarms of fire to the various fire engine houses in the City is also being installed, which is about 95 per cent completed on this side of the river.

Another very important adjunct to the fire alarm system is the private telephone system which has been placed in the operating room of the fire alarm office in the City Hall, and three operators are employed, one of the three being always on duty, ready to promptly answer any notification of fire by telephone and to dispatch the nearest fire fighting company to the scene immediately.

Also during the past year a twelve-circuit switch-board, to accommodate the additional circuits from the east side, was purchased and placed in commission, and a manual transmitter, the function of which is to send alarms to the different houses after being received at the central office by the operators on duty, has been purchased and placed in commission.

RECOMMENDATIONS.

In presenting the foregoing estimate for the Fire Department for the year 1908, I have guarded the City's interests to the best of my ability by keeping close to the actual necessities and comparing our needs with the rapid growth of our City.

At no time in its history has Portland needed the fire protection it does today, and to account for this condition we have but to look at the immense improvement in all classes of private and public buildings and the great increase along commercial lines.

To insure this protection, additional means must be provided, and I earnestly hope that every item in my estimate and recommendations will be allowed.

An engine company should be installed in the vicinity of Halsey and Thompson and Twentieth and Twenty-fourth streets in Irvington, as no apparatus is available for that immediate vicinity, and the class of buildings is far above the average.

An engine company should be installed as early as possible at Mt. Tabor, as it would also serve South Mount Tabor, Kinzel Park, Central Addition, Montavilla and Mount Tabor side. As to all of these districts, there would be a down-grade run, and at present there is no protection at all in said vicinity.

I also recommend that 600 hydrants be ordered through the Water Department as early as possible, as demands are being made daily for this kind of protection, and we are not meeting these demands as promptly as the public deserves, and particularly is this applicable in the district south of Jefferson and west of Seventh and south of Burnside to Salmon and west of Chapman, in which district a large number of apartment houses and flats have been and are now being erected, and hydrant service would greatly insure protection.

In the underwriters' inspector's last report they recommended two additional men for each engine, truck and hose company, which suggestion I heartily concur in for several reasons. It would enable us to give each man in the service one day off each week, and we could also place a man in each theatre during every performance, a custom carried out in all the leading cities of the country.

On account of the increase in work to be done at the machine shop, I recommend that a suitable location be secured and a building erected to comply with the demands of the increased service, so that the repairs can be handled without the aid of the outside shops, where delays often occur on account of congestion of private work.

A suitable place for sick horses should be provided, in order words, a horse hospital, where disabled and sick animals could receive proper attention and care under the supervision of a competent man. For the training and drilling of the members of the department, a drill tower is almost indispensable, and I therefore recommend than an establishment of that kind be provided for.

Last, but not least, I recommend that an automobile be purchased for answering calls, especially for such outlying districts as Mount Tabor, Portland Heights, Willamette Heights and other localities too remote for horse and buggy. From the fact that much time would be saved in reaching fires, it would be a very desirable adjunct to the apparatus now on hand for such purpose, and as a matter of economy would pay for itself in a short time.

Another matter that I wish to bring to your attention is the material used in the fire houses. From observation on my recent trip I found that all the fire houses are built of brick or stone or both, and would recommend that in the future all our fire houses be constructed of some such fire-proof material.

Respectfully submitted,

DAVID CAMPBELL,
Chief Engineer.

List of Fires and Alarms During 1907

- January 1, 12:23 P. M. Phone—Sixth and East Oak. Boy drowned.
- January 1, 2:09 P. M. Phone—780 East Ankeny, 2-story frame, F. W. Torgler, owner, Mrs. Watson, tenant, dwelling. Cause, Christmas tree. Value building, \$2,400; contents, \$250. Loss building, \$20.50.
- January 2, 3:50 P. M. Still—310½ First street, 3-story brick rooming-house. Cause, Christmas tree.
- January 3, 7:13 A. M. Box 15—First and Vine. False alarm.
- January 3, 7:38 A. M. Box 324—892 Mississippi avenue, one-story frame dwelling. Burning flue.
- January 3, 8:35 A. M. Still—1063 East Taylor, 1½-story frame dwelling. Burning flue.
- January 3, 12:10 P. M. Phone—781 Everett, 2-story frame dwelling. Burning flue.
- January 3, 8:06 P. M. Phone—386 Everett. False alarm.
- January 4, 8:20 A. M. Still—Second and East Morrison. False alarm.
- January 4, 8:21 A. M. Phone—320 East Washington, 2-story frame, storage. Lighted candle, paper.
- January 4, 8:26 A. M. Phone—235 Multnomah, 2½-story frame dwelling. Burning flue.
- January 4, 12:11 P. M. Box 121—172 Third. False alarm.
- January 4, 9:07 P. M. Box 145—525 Kearney, 2-story frame. Owner, W. Reed; tenant, D. Franklin. Dwelling. Carelessness. Value contents, \$2500; loss contents, \$12.
- January 4, 9:12 P. M. Box 143—Steel Bridge office. False alarm.
- January 5, 6:27 A. M. Phone—Front and Burnside. Streetcar. Electric wires.
- January 5, 12:48 P. M. Box 341—515 Starr, 1-story frame. Owner, Mrs. Brasy; tenant, Mrs. Brasy. Dwelling. Defective flue. Value building, \$400; contents, \$200. Loss, building, \$25.
- January 5, 11:21 P. M. Box 62—Front and Irving. S. P. R. R. Co., owner. Locomotive No. 2205. Fuel oil explosion. Value, \$20,000. Loss, \$300.

- January 6, 12:22 A. M. Phone—Front and Irving. S. P. R. R. Co., owner. Locomotive No. 2205. Smoldering fire.
- January 6, 3:08 P. M. Phone—547 Hoyt, 2-story frame dwelling. Flue.
- January 6, 3:41 P. M. Box 142—84 Fourth N., 2-story frame. C. Cardinell, owner; M. Kutner, occupier. Lodging house. Over-heated stove. Value building, \$1,000; contents, \$300. Building loss, \$100; contents, \$200.
- January 6, 7:57 P. M. Still—34 Fifth street, N. False alarm.
- January 6, 9:06 P. M. Box 31—206 Hooker, 3-story frame. Burning flue.
- January 7, 10:04 A. M. Phone—445 Belmont, 2-story frame. Owner, J. E. Martin; occupier, J. E. Martin. Machine shop. Sparks, chimney. Value building, \$800; contents, \$5,000. Loss, building, \$10.
- January 7, 11:30 A. M. Still—496 Surman, 1-½ story frame dwelling. Overheated stove.
- January 7, 5:54 P. M. Phone—307 East Ninth, 2-story frame dwelling. Burning flue.
- January 7, 5:58 P. M. Phone—290 Fourteenth, 2-story frame dwelling. Burning flue.
- January 7, 6:01 P. M. Phone—225 Clay, 2-story frame. Owner, Mrs. A. Connell; W. G. MacPherson, tenant. Mattress factory. Electric Wires. Value building, \$4,000; contents, \$250. Loss building, \$35; contents, \$150.
- January 7, 6:41 P. M. Box 32—290 Fourteenth, 2-story frame dwelling. Cause, burning flue.
- January 7, 6:47 P. M. Box 82—180½ Porter, 2-story frame dwelling. Cause, burning flue.
- January 7, 7:06 P. M. Phone—53 Eighteenth, N., 3-story frame boarding house. Cause, burning flue.
- January 7, 7:09 P. M. Phone—406 Burnside, 2-story frame dwelling. Cause, burning flue.
- January 7, 8:10 P. M. Phone—651 Kearney, 2-story frame dwelling. Cause, burning flue.
- January 7, 8:35 P. M. Phone—233 Fifth, 2-story frame dwelling. Cause, burning flue.
- January 8, 4:58 P. M. Phone—604 Washington, 3-story frame livery stable. Cause, supposed incendiary.
- January 9, 5:35 A. M. Still—Front and Colton, 2-story frame sawdust bin. Cause, friction conveyor.

- January 9, 7:33 A. M. Box 131—351 Washington, 2-story brick or stone school. Cause, overheated furnace.
- January 9, 2:31 P. M. Box 218—554 East Pine, 2-story frame. Owner, Miss A. E. Gatens; occupier, W. R. Walpole. Dwelling. Cause, sparks from chimney. Value, building, \$1,800; contents, \$1,200. Loss, building, \$196.50; contents, \$400.
- January 9, 4:26 P. M. Phone—186 Caruthers, 1½-story frame dwelling. Cause, burning flue.
- January 9, 6:28 P. M. Phone—291 Fourth, 1-story frame dwelling. Cause, burning flue.
- January 9, 9:23 P. M. Phone—320 Fourth, 2-story frame dwelling. Cause, burning flue.
- January 10, 4:15 A. M. Phone—Front and Burnside, bridge. Cause, gas leak.
- January 10, 5:51 A. M. Box 517—5-7 Front north, 3-story brick or stone. Closset & Devers, owner and occupier; coffee and spices. Cause, overheated motor. Value, building, \$24,000; contents, \$103,000. Loss, building, \$3,000; contents, \$14,000.
- January 10, 12:40 P. M. Box 142—60 Fourth north, 2-story frame. Owner, J. Surman; tenant, A. Fercot. Lodging house. Defective flue. Value, building, \$1,500; contents, \$2,500. Loss, building, \$395; contents, \$25.
- January 11, 8:41 A. M. Phone—311 West Park, 1-story frame dwelling. Cause, burning flue.
- January 11, 8:25 P. M. Phone—281 Williams avenue, 2-story frame. Mrs. Anna Renstrom, owner and occupier. Dwelling. Cause, spontaneous combustion. Value, building, \$2,500. Loss, building, \$140.
- January 11, 8:50 P. M. Phone—676 Thurman, 2-story frame saloon. Cause, matches.
- January 12, 9:45 A. M. Phone—343½ Yamhill, 2-story frame dwelling. Cause, burning flue.
- January 13, 5:50 A. M. Box 142—84 Fourth, north, 2-story frame. Owner, C. Cardinell; occupied by M. Kuttner. Lodging house. Supposed incendiary. Value, building, \$1,000.00; contents, \$300.00. Loss, building, \$1,000.00; contents, \$300.00.
- January 13, 5:50 A. M. Box 142—86 Fourth, north, 2-story frame. Murhard Estate Co., owner; occupier, M. Kutner. Lodging house. Adj. fire. Value, building, \$1,000.00; contents, \$300.00. Loss, building, \$375.00; contents, \$50.00.

- January 13, 9:30 A. M. Phone—Fifth and Main. False alarm.
- January 13, 12:06 P. M. Phone—350 Fourteenth, north, 3-story frame hotel. Defective stove pipe.
- January 13, 1:21 P. M. Still—300 Eugene, 1-story frame. Owner, Mrs. M. Egan; occupier, S. Sherman. Dwelling. Defective flue. Value, building, \$1,000.00; contents, \$150.00. Loss, building, \$12.00.
- January 13, 3:22 P. M. Phone—Thirty-third and Hawthorne. False alarm.
- January 13, 4:30 P. M. Box 123—Foot of Taylor. Jacob Kanner, owner and occupier. Steamer "Lurline." Cause, oil; carelessness.
- January 13, 5:44 P. M. Box 32—501 Columbia, 2-story frame dwelling. Cause, burning flue.
- January 13, 7:04 P. M. Still—81 Fourteenth, north, 2-story frame dwelling. Burning flue.
- January 13, 8:04 P. M. Phone—1051 Commercial, 1½-story frame dwelling. Cause, burning flue.
- January 13, 5:20 P. M.—Foot of East Alder. Thawing pipe.
- January 13, 9:15 P. M. Phone—249 Tillamook, 2-story frame dwelling. Cause, burning flue.
- January 14, 6:40 A. M. Box 38—368 Front, 1½-story frame dwelling. Flue.
- January 14, 9:04 A. M. Box 142—Third and Davis. False alarm.
- January 14, 10:31 A. M. Box 319—401 Brazee, 1-story frame. Owner, E. Norcross; occupier, E. Norcross. Dwelling. Defective flue. Value, building, \$800.00; contents, \$200.00. Loss, building, \$5.00.
- January 14, 10:40 A. M. Phone—861 Weidler, 1½-story frame. Owner and occupier, Carl Sauman. Dwelling. Thawing pipe. Value, building, \$1,000.00; contents, \$500.00. Loss, building, \$24.00.
- January 14, 12:03 P. M. Phone—126 Union avenue, 1-story frame. Owner, W. Stitt; occupier, B. W. Cody. Dwelling. Cause, sparks, chimney. Value, building, \$750.00; contents, \$150.00. Loss, building, \$5.00.
- January 14, 12:55 P. M. Phone—1420 Macadam road, 1-story frame dwelling. Cause, burning flue.
- January 14, 3:06 P. M. Box 128—485 Clay, 2-story frame dwelling. Cause, burning flue.
- January 14, 4:50 P. M. Phone—324 Everett, 1-story frame. Owner, J.

- B. Harrington; occupier, F. Reed. Dwelling. Thawing pipes. Value, contents, \$800.00. Loss, contents, \$3.00.
- January 14, 8:24 P. M. Box 317—395 Williams avenue, 2-story frame dwelling. Cause, burning flue.
- January 14, 9:16 P. M. Phone—305½ First, 1-story frame. Owner, Mrs. J. Cosgrove; occupier, A. Costanzo. Tamale store. Cause, unknown. Value, building, \$50.00; contents, \$15.00. Loss, building, \$25.00; contents, \$15.00.
- January 14, 11:20 P. M. Phone—414 Stark, 1½-story frame dwelling. Burning flue.
- January 15, 12:40 A. M. Still—231 First, 2-story brick bakery. Cause, overheated stove.
- January 15, 7:24 A. M. Box 247—130 East Twenty-ninth, 1-story frame. Owner and occupier, R. J. Rochardson. Dwelling. Cause, unknown. Value, building, \$2,000.00; contents, \$700.00. Loss, building, \$1,500.00; contents, \$350.00.
- January 15, 10:03 A. M. Box 134—295 Salmon, 1½-story frame. Mrs. B. L. Stone, owner; occupier, Mrs. C. Hayslip. Lodging house. Defective flue. Value, building, \$1,500.00; contents, \$1,000.00. Loss, building, \$35.00; contents, —.
- January 15, 10:03 A. M. Box 134—295 Salmon, 1½-story frame. Owner, Mrs. B. L. Stone; occupier, Mrs. C. Hayslip. Lodging house. Cause, defective flue. Value, building, \$1,500.00; contents, \$1,000.00. Loss, building, \$35.00; contents, —.
- January 15, 1:45 P. M. Phone—66½ Sixth, 3-story brick lodging house. Cause, overheated stack.
- January 15, 2:01 P. M. Still—507 Williams avenue, 2-story frame. Owner, S. Gansnider; occupier, P. J. Jones. Dwelling. Defective flue. Value, building, \$1,500.00; contents, \$400.00. Loss, building, \$52.00; contents, \$50.00.
- January 15, 8:15 P. M. Box 57—201 Sixteenth, 2-story frame dwelling. Flue.
- January 15, 8:45 P. M. Phone—134 East Thirty-third, 2-story frame dwelling. Cause, burning flue.
- January 16, 7:20 A. M. Phone—768 Albina avenue, 1-story frame dwelling. Cause, burning flue.
- January 16, 12:05 P. M. Phone—8 Third, north, 2-story frame office. Cause, thawing gas meter.

- January 16, 5 P. M. Phone—823 East Eighth, north, 1-story frame dwelling. Cause, burning flue.
- January 16, 5:39 P. M. Box 57—167 Sixteenth, 2-story frame dwelling. Cause, burning flue.
- January 16, 5:50 P. M. Phone—28 Seventh, north, 2-story frame dwelling. Burning flue.
- January 16, 6:03 P. M. Box 235—367 East Burnside, 1-story frame butcher shop. Cause, oil stove explosion.
- January 16, 6:52 P. M. Phone—434 Larrahee, 2-story frame dwelling. Cause, burning flue.
- January 17, 3:00 A. M. Phone—East Stark and Wyberg Lane. Owner and occupier, Geo. Bamford. Windmill. Cause, unknown. Value, \$600.00. Loss, \$600.00.
- January 17, 4:30 A. M. Box 312—89 Stanton, 1-story frame. Owner, J. Kelly; occupier, C. Cohen. Dwelling. Cause, unknown. Value, building, \$950.00; contents, \$175.00. Loss, building, \$900.00; contents, \$175.00.
- January 17, 4:30 A. M. Box 312—91 Stanton, 2-story frame. Owner and occupier, J. Kelly. Dwelling. Adj. building. Value, building, \$1,500.00; contents, \$300.00. Loss, building, \$75.00.
- January 17, 4:30 A. M. Box 312—612 Delay, 1-story frame. Owner, G. Vauzaute; occupier, Z. Gavana. Dwelling. Adj. building. Value, building, \$1,100.00; contents, \$2,000.00. Loss, building, \$50.00; contents, \$65.00.
- January 17, 6:09 P. M. Phone—87 Sixteenth, north, 2-story frame dwelling. Cause, sparks, chimney.
- January 18, 1:01 A. M. Box 12—185 Morrison, 2-story frame. Owners, Meier & Frank Co.; occupier, J. Enkelis. Tailor shop. Cause, unknown. Value, building, \$12,000; contents, \$1,016.80. Loss, building, \$25.00; contents, \$600.00.
- January 18, 4:25 A. M. Phone—838 Union avenue, 1-story frame. Owner, Leo Damgueger; occupier, Chas. Taylor. Butcher shop. Cause, incendiary. Value, building, \$400.00; contents, \$150.00. Loss, building, \$50.00; contents, \$113.00.
- January 18, 7:27 A. M. Box 139—714 Johnson, 2-story frame. Owner and occupier, H. T. Taubenheimer. Dwelling. Cause, gas explosion. Value, building, \$5,000.00; contents, \$2,500.00. Loss, building, \$225.00; contents, \$200.00.

- January 19, 6:45 A. M. Phone—288 Jefferson. False alarm.
- January 19, 7:10 A. M. Phone—288 Jefferson. False alarm.
- January 19, 5:38 P. M. Phone—1461 Wisconsin, 2-story frame dwelling. Cause, burning flue.
- January 20, 4:27 A. M. Still—260 Grand avenue, 2-story frame dwelling. Cause, hot ashes.
- January 20, 6:28 A. M. Box 56—235 Eleventh, 2-story frame dwelling. Smoke from furnace.
- January 21, 7:01 P. M. Box 271—651 East Seventeenth, 2-story frame dwelling. Cause, burning flue.
- January 22, 10:10 P. M. Phone—Front and Burnside. False alarm.
- January 23, 4:04 P. M. Still—Foot of Calvin, 1-story frame sawmill. Broken steam pipe.
- January 23, 8:30 P. M. Still—123 Sixteenth, 1-story frame. Owner, W. B. Streeter; occupier, C. Pater. Dwelling. Cause, sparks, chimney. Value, building, \$600.00; contents, \$400.00. Loss, building, \$5.00.
- January 24, 7:56 A. M. Phone—Twenty-third and East Taylor. False alarm.
- January 25, 9:47 P. M. Box 141—267 Stark, 8-story brick office building. Cause, oily waste.
- January 25, 10:21 P. M. Box 26—347 Front, north, 1-story frame. Owner, N. P. R. R. Co.; occupier, vacant. Supposed incendiary. Value, building, \$800.00. Loss, building, \$200.00.
- January 26, 6:40 P. M. Phone—245 Dupont, 1½-story frame dwelling. Sparks, chimney.
- January 27, 8:25 A. M. Box 123—Foot of Taylor. SS. "Undine." Overheated stack.
- January 27, 3:50 P. M. Still—181 Water, 2-story frame saloon. Burning flue.
- January 27, 3:55 P. M. Phone—195 Twenty-first, 2-story frame dwelling. Burning flue.
- January 27, 4:12 P. M. Box 53—381 Yamhill, 1½-story frame dwelling. Burning flue.
- January 27, 6:35 P. M. Phone—133 Meade, 2-story frame dwelling. Cause, burning flue.

- January 27, 7:56 P. M. Phone—446 Seventh, 1½-story frame dwelling. Cause, burning flue.
- January 28, 4:50 A. M. Phone—Sixteenth and Taylor. Telephone pole. Cause, electric wires.
- January 28, 8:40 A. M. Phone—56 Ella, 2½-story frame. Owner, Mrs. H. Opetz; occupier, B. Neustedter. Dwelling. Defective flue. Value, building, \$3,000.00; contents, \$3,500.00. Loss, building, \$30.00; contents, \$208.00.
- January 28, 11:00 A. M. Box 145—204 Seventeenth, north, 1-story frame dwelling. Cause, crossed wires.
- January 28, 12:38 P. M. Box 127—Fourth and Salmon. False alarm.
- January 28, 1:10 P. M. Phone—Twenty-third and Johnson, telephone pole. Cause, crossed wires.
- January 29, 6:55 A. M. Still—Third and Salmon. False alarm.
- January 29, 11:10 A. M. Still—314 Third, 2½-story frame. Owner and occupier, J. Bulger. Dwelling. Cause, electric wires. Value, building, \$1,500.00; contents, \$1,000.00. Loss, building, \$150.00.
- January 29, 11:25 A. M. Still—286 Clay, 1½-story frame. Owner, R. Williams; occupier, Mrs. C. Stalkton. Dwelling. Cause, electric wires. Value, building, \$1,000.00; contents, \$500.00. Loss, building, \$50.00.
- January 29, 11:51 A. M. Still—314 Third, 2½-story frame. Owner and occupier, J. Bulger. Dwelling. Cause, smoldering ruins.
- January 29, 5:10 P. M. Phone—Front and Burnside. Street car electric wires.
- January 31, 8:45 A. M. Phone—456 Fifth, 1-story frame. Owner and occupier, R. Hendee. Dwelling. Cause, electric wires. Value, building, \$1,500.00; contents, \$750.00. Loss, contents, \$25.00.
- January 31, 7:28 P. M. Phone—Union avenue and San Rafael. Cause, crossed wire.
- January 31, 7:30 P. M. Still—501 Yamhill, 2-story frame dwelling. Cause, burning flue.
- February 1, 2:55 A. M. Still—511 Glisan, 2-story frame. Owned by City; occupied by Fire Department, fire station. Cause, crossed wires. Value, building, \$3,500.00; contents, \$5,000.00. Loss, building, \$80.00.
- February 1, 2:55 A. M. Phone—107 Thirteenth, north, 1-story frame dwelling. Cause, crossed wires.

- February 1, 10:25 A. M. Still—1294 East Eighth, north, 1½-story frame dwelling. Cause, burning flue.
- February 1, 7:51 P. M. Box 53—200 Park, 2-story frame dwelling. Cause, electric wires.
- February 2, 8:50 A. M. Phone—662 Wasco, 2-story frame. Owner and occupier, A. C. Going. Dwelling. Crossed wires. Value, building, \$2,300.00; contents, \$1,500.00. Loss, building, \$10.00.
- February 3, 6:17 A. M. Still—Grand avenue and East Lincoln, cable box. Cause, crossed wires.
- February 4, 10:18 A. M. Phone—741 Broadway, 1½-story frame dwelling. Crossed wires.
- February 4, 10:22 A. M. Phone—Thirty-first and Broadway. False alarm.
- February 4, 10:25 A. M. Still—645 Hancock, 2½-story frame dwelling. Cause, crossed wires.
- February 4, 7:20 P. M. Box 124—541 Second, 2-story frame dwelling. Burning flue.
- February 4, 8:45 P. M. Phone—271½ Grand avenue, 5-story brick. Owner, E. A. Baldwin; occupier, N. F. Sargent. Hotel. Crossed wires. Value, building, \$100,000.00; contents, \$15,000.00. Loss, building, \$110.00; contents, \$25.00.
- February 4, 9:30 P. M. Phone—164 East Twelfth, 2-story frame. Owner and occupier, D. McKeen. Dwelling. Cause, crossed wires. Value, building, \$4,000.00; contents, \$1,000.00. Loss, building, \$20.00.
- February 4, 10:22 P. M. Phone—548½ Washington, 2-story frame. Owner, C. Bauer; occupier, Mrs. L. M. Slacum. Lodging house. Cause, crossed wires. Value, building, \$9,500.00; contents, \$8,000.00. Loss, building, \$2.25; contents, \$12.05.
- February 6, 4:10 P. M. Phone—230 Alder, 2-story brick. Vacant. Open flue.
- February 7, 12:20 A. M. Phone—721 Flanders, 2½-story frame. Owner, Mead Estate; occupier, S. W. Mears. Dwelling. Defective wiring. Value, building, \$6,000.00; contents, \$5,000.00. Loss, building, \$48.85.
- February 7, 7:40 P. M. Phone—287 Eleventh, 2-story frame dwelling. Burning flue.
- February 8, 11:38 A. M. Phone—Goldsmith and Albina avenue. Rubbish.
- February 8, 1:25 P. M. Phone—123 Third, canvas awning. Cause, cigar.

- February 8, 5:29 P. M. Still—301½ First, 3-story brick rooming house. Lamp explosion.
- February 9, 3:02 A. M. Phone—207 Third, 3-story brick barber shop. Cause, smoke, furnace.
- February 9, 1:40 P. M. Box 124—209 Montgomery, 2-story frame dwelling. Burning flue.
- February 10, 9:15 P. M. Phone—365 Washington. False alarm.
- February 11, 10:26 P. M. Phone—429 First, 2-story frame dwelling. Burning flue.
- February 11, 11:32 P. M. Phone—64 Second, 3-story brick joss house. Defective flue.
- February 13, 8:20 A. M. Phone—274 Davis, 3-story frame. Owner, Brayman & Summerville; occupied by L. E. Bailey. Saloon. Cause, overheated stovepipe. Value, building, \$50,000.00; contents, \$1,600.00. Loss, building, \$125.00.
- February 13, 12:34 P. M. Phone—89 Eleventh, north, 2-story frame. Owner, J. Clossett; Vacant. Cause, sparks, chimney. Value, building, \$400.00. Loss, building, \$50.00.
- February 13, 4:05 P. M. Box 49—778 Northrup, 2½-story frame. Owner and occupier, G. G. Gammons. Dwelling. Cause, sparks, chimney. Value, building, \$4,500.00; contents, \$1,500.00. Loss, building, \$739.00; contents, \$326.60.
- February 13, 11:05 P. M. Phone—312 Macadam. False alarm.
- February 13, 11:12 P. M. Phone—1412 Macadam. False alarm.
- February 15, 1:22 P. M. Still—380 Nineteenth, north, 1-story frame dwelling. Sparks, chimney.
- February 15, 7:53 P. M. Box 94—776 Raleigh, 1-story frame. Owner, J. C. Flanders; occupier, E. W. Eldredge. Dwelling. Defective flue. Value, building, \$1,500.00; contents, \$800.00. Loss, building, \$200; contents, \$5.50.
- February 15, 8:20 P. M. Phone—Madison Street Bridge. Owners, Multnomah County. Cause, defective wires. Value, bridge, \$30,000.00. Loss, \$250.00.
- February 16, 3:03 A. M. Box 131—321 Washington. False alarm.
- February 16, 3:21 A. M. Phone—Twenty-fourth and Holladay, 1½-story frame. Owner and occupier, J. R. O'Neal. Stable. Cause, unknown. Value, building, \$800.00; contents, \$500.00. Loss, building, \$800.00; contents, \$500.00.

- February 17, 8:10 P. M. Phone—651 Northrup, 2-story frame dwelling. Cause, burning flue.
- February 18, 7:00 P. M. Box 314—114 Russell, 1-story frame dwelling. Burning flue.
- February 18, 9:43 P. M. Phone—235 St. Clair, 3-story brick boarding school. Burning flue.
- February 19, 11:40 A. M. Phone—421 First, 2-story frame dwelling. Burning flue.
- February 21, 6:44 P. M. Box 38—386 Front, 1-story frame dwelling. Burning flue.
- February 22, 11:39 A. M. Phone—505 Market, 2-story frame dwelling. Burning flue.
- February 23, 3:32 P. M. Still—322 Clay, 2-story frame dwelling. Burning flue.
- February 24, 6:57 P. M. Phone—324 Water, 1½-story frame saloon. Cause, sparks, chimney. Value, building, \$500.00; contents, \$300.00. Loss, building, \$5.00.
- February 27, 7:25 A. M. Box 81—729 First, 1-story frame. Owner, Wakefield & Fries; occupier, A. F. Jones. Carpet cleaning shop. Cause, unknown. Value, building, \$1,000.00; contents, \$3,000.00. Loss, building, \$500.00; contents, \$550.00.
- February 27, 7:25 A. M. Box 81—229 Gibbs, 1-story frame. Owner, G. T. Harry. Dwelling. Adj. building. Value, building, \$700.00; contents, \$300.00. Loss, building, \$10.00.
- February 27, 11:34 A. M. Box 63—431 Washington, 1-story frame. C. A. Kramer, owner; occupier, Stokes & Rosen, clothes cleaner. Cause, gasoline explosion. Value, building, \$1,700.00; contents, \$1,500.00. Loss, building, \$253.50; contents, \$600.00.
- February 27, 11:34 A. M. Box 63—429½ Washington, 1-story frame. Owner, C. A. Kramer; occupier, Freeborn & Co. Paint shop. Same fire. Value, contents, \$5,000.00. Loss, contents, \$100.00.
- February 27, 2:15 P. M. Still—211 East Thirty-fifth, 1-story frame dwelling. Burning flue.
- February 27, 10:13 P. M. Phone—Fourth and Couch. False alarm.
- February 28, 9:00 A. M. Still—Foot of Montgomery. Sawdust burning.
- February 28, 7:30 P. M. Box 75—614 Second, 2-story frame dwelling. Burning flue.

- March 1, 2:15 A. M. Still—204 Stark, 2-story brick printing office. Cause, gas plate.
- March 1, 4:32 P. M. Phone—1118 Surman, 1½-story frame. Owner, C. H. Shipman. Dwelling. Overheated stove. Value, building, \$800.00; contents, \$250.00. Loss, building, \$800.00; contents, \$150.00.
- March 1, 4:47 P. M. Phone—1122 East Eighth, north, 1½-story frame. J. B. Buchanan, owner. Dwelling. Adj. building. Value, building, \$1,600.00; contents, \$200.00. Loss, building, \$157.75; contents, \$5.00.
- March 1, 10:48 P. M. Phone—Thirteenth and East Stark, 4-story brick High School. Cause, glue pot.
- March 2, 5:08 P. M. Box 216—507 East Harrison, 1-story frame. Owner, D. L. Clouse; occupied by Aug. Heinze. Dwelling. Defective flue. Value, building, \$1,000.00; contents, \$800.00. Loss, building, \$75.00; contents, \$20.00.
- March 3, 7:05 A. M. Phone—880 East Main, 2-story frame dwelling. Burning flue.
- March 3, 10:35 A. M. Still—240 Front. False alarm.
- March 3, 11:58 A. M. Still—103 Fourteenth, north, 2-story frame. Owner, Thos. Guinean; occupier, E. Skeely. Feed store. Unknown. Value, building, \$6,000.00; contents, \$1,200.00. Loss, building, \$35.00; contents, \$247.50.
- March 3, 7:00 P. M. Phone—344 Montgomery, 2-story frame dwelling. Burning flue.
- March 3, 9:54 P. M. Phone—783 Pacific, 1½-story frame. Owner, W. T. Griffith. Dwelling. Cause, lamp explosion. Value, building, \$1,250.00; contents, \$500.00. Loss, building, \$1,250.00; contents, \$450.00.
- March 3, 10:13 P. M. Phone—Nineteenth and Multnomah. False alarm.
- March 4, 1:17 P. M. Box 212—472 Belmont, 1½-story frame. Owner, L. Stache; occupier, E. Powell. Dwelling. Cause, sparks, chimney. Value, building, \$850.00; contents, \$200. Loss, building, \$25.00.
- March 4, 4:13 P. M. Box 9—350 Davis, 1-story frame. C. J. Cook, owner; F. E. Quilty, occupier. Carpet cleaning machine, gasoline explosion. Value, building, \$100.00; contents, \$5,000.00. Loss, contents, \$964.88.
- March 4, 7:14 P. M. Phone—315 Burnside, canvas awning. Cause, cigar.

- March 4, 8:25 P. M. Phone—295 Clay, 2-story frame dwelling. Burning flue.
- March 4, 10:45 P. M. Still—64 Second, 3-story brick lodging house. Burning flue.
- March 5, 2:40 P. M. Still—182 Fourth, 2-story frame dwelling. Burning flue.
- March 5, 7:45 P. M. Still—300 Eugene, 1½-story frame dwelling. Fumigating.
- March 6, 10:56 A. M. Still—212 Madison, 2-story brick. H. Wemmee; occupied by J. Christensen. Coffee house. Overheated oven. Value, building, \$10,000.00; contents, \$2,000.00. Loss, building, \$50.00; contents, \$100.00.
- March 7, 4:13 P. M. Box 51—231 Second, 2-story brick. Candle; carelessness.
- March 7, 10:01 P. M. Box 45—302 Flanders, 2-story frame. Owner, C. B. Boquist. Machine shop. Cause, sparks, forge. Value, building, \$500.00; contents, \$2,500.00. Loss, building, \$32.00.
- March 8, 9:01 A. M. Phone—181 Front, 1-story brick hardware store. Cause, hot ashes.
- March 9, 10:52 A. M. Box 142—54 Third, north, 4-story brick hotel. Overheated stove.
- March 9, 12:43 P. M. Box 9—113 Ninth, north, 2-story frame tenement house. Burning flue.
- March 10, 10:10 A. M. Box 181—495 Alder, 2-story frame. Owner, J. Bergman; W. A. Durham, occupier, plating works; occupier, R. Becker, automobile garage. Cause, unknown. Value, building, \$4,000.00; contents, \$18,000.00. Loss, building, \$1,200.00; contents, \$6,063.00.
- March 10, 10:10 A. M. Box 181—128 Lounsdale, 2-story frame. Owner, J. Bergman; occupier, W. A. Durham, plating works; same fire. Value, contents building, \$10,000.00. Loss, contents, \$700.00.
- March 10, 3:06 P. M. Phone—505 Burnside, 1-story frame dwelling. Burning flue.
- March 10, 6:48 P. M. Box 37—292 Sheridan, 2-story frame dwelling. Burning flue.
- March 12, 7:03 P. M. Phone—185 Fifteenth, north, 2-story frame dwelling. Burning flue.

- March 13, 6:55 P. M. Still—450 Vancouver avenue, 1-story frame dwelling. Burning flue.
- March 14, 11:29 A. M. Phone—608 East Madison, 2-story frame dwelling. Burning flue.
- March 14, 6:08 P. M. Box 58—619 West Main, 2-story frame. Owner, F. R. Chown; occupier, E. G. Hopkins. Dwelling. Sparks, chimney. Value, building, \$2,500.00; contents, \$1,000.00. Loss, building, \$15.00.
- March 14, 7:28 P. M. Phone—500 Columbia, 1½-story frame dwelling. Burning flue.
- March 15, 4:47 A. M. Box 341—106½ Russell, 2-story frame. Owner, D. M. Ward; occupier, C. W. Cowen. Cigar store. Carelessness. Value, building, \$4,000.00; contents, \$731.00. Loss, building, \$30.00; contents, \$600.00.
- March 15, 5:45 P. M. Phone—Fifth and Jefferson. False alarm.
- March 15, 9:58 P. M. Phone—269½ Washington, 3-story frame lodging house. Burning flue.
- March 17, 12:05 A. M. Box 17—49 Sixth, north, 3-story brick. Owner, H. W. Wallace; occupier, Kellar Harness Co. Harness shop. Spontaneous combustion. Value, building, \$21,000.00; contents, \$6,000.00. Loss, building, \$133.80; contents, \$2,715.00.
- March 17, 11 P. M. Phone—127 East Fifteenth, 2-story frame. Owner, G. Backstorm; occupier, J. W. Huff. Dwelling. Defective fireplace. Value, building, \$2,000.00; contents, \$450.00. Loss, building, \$75.00.
- March 19, 5:04 P. M. Phone—200½ Park, 2½-story frame dwelling. Stove; carelessness.
- March 19, 10:13 P. M. Still—711 Trout, 2-story frame dwelling. Burning flue.
- March 20, 3:00 A. M. Phone—Forty-ninth and Division, 2-story frame. Owner, W. G. Bohn; occupier, Mt. Scott Lumber Co. Lumber yard. Unknown. Value, building, \$1,500.00; contents, \$7,400.00. Loss, building, \$1,500.00; contents, \$5,700.00.
- March 20, 11:00 P. M. Phone—421 Thirteenth, 1½-story frame dwelling. Hot ashes.
- March 21, 7:53 A. M. Still—1210 Macadam, 3-story frame mattress factory. Cause, sparks, shoddy mill.
- March 22, 7:20 P. M. Box 124—609 Front, 1-story frame dwelling. Burning flue.

- March 22, 9:45 P. M. Phone—33½ First, north, 3-story brick lodging house. Burning flue.
- March 23, 2:46 A. M. Box 132—149 Fourth, 2-story frame. Owner, M. J. Jones; occupier, M. C. Mace. Fish market. Electric wires. Value, contents, \$6,000.00. Loss, contents, \$250.00.
- March 23, 2:46 A. M. Box 132—151 Fourth, 2-story frame. Owner, M. J. Jones; occupier, M. J. Jones. Butcher shop. Same fire. Value, building, \$2,400.00; contents, \$7,721.84. Loss, building, \$780.00; contents, \$1,068.64.
- March 23, 3:10 P. M. Phone—303½ Washington, 2-story frame lodging house. Defective flue.
- March 23, 7:13 P. M. Phone—Fifteenth and Kearney. False alarm.
- March 23, 8:37 P. M. Still—633 Thurman, 2-story frame dwelling. Burning flue.
- March 24, 8:36 A. M. Still—269 East Third, north, 2-story frame. Owner, J. Bell; occupier, W. McMurray. Dwelling. Matches. Value, building, \$2,000.00; contents, \$800.00. Loss, building, \$25.00; contents, \$15.50.
- March 24, 8:27 P. M. Box 17—349 Couch, 1½-story frame. Owner, J. L. Vestal; occupier, E. J. Robinson. Dwelling. Lamp explosion. Value, building, \$1,350.00; contents, \$1,000.00. Loss, building, \$620.00; contents, \$369.70.
- March 25, 8:12 A. M. Still—114 Nineteenth, north, 2-story frame dwelling. Burning flue.
- March 25, 7:21 P. M. Box 124—594 Front, 2-story frame. Mrs. R. Mesrovisky, owner; occupier, M. Resencrantz. Dwelling. Defective flue. Value, building, \$2,000.00; contents, \$500.00. Loss, building, \$2.50.
- March 26, 3:40 P. M. Box 152—Front and Morrison. False alarm.
- March 26, 6:28 P. M. Box 141—88½ Third, 2-story brick. Sweeny Investment Co., owner; occupier, Coopey & Son. Tailor shop. Unknown. Value, building, \$2,500.00; contents, \$14,650.00. Loss, building, \$318.00; contents, \$5,600.00.
- March 26, 6:28 P. M. Box 141—94 Third, 2-story brick. Owner, Sweeny Investment Co.; occupier, Brownsville Woolen Mills. Clothing store. Same fire. Value, contents, \$35,000.00. Loss, contents, \$25.00.
- March 28, 6:21 P. M. Box 72—208 Hamilton avenue, 1½-story frame. Owner, H. A. Miller; occupier, M. Yacum. Dwelling. Gas stove

- carelessness. Value, building, \$600.00; contents, \$200.00. Loss, building, \$600.00; contents, \$150.00.
- March 28, 6:21 P. M. Box 72—206 Hamilton avenue, 2-story frame. Owner, H. P. Johnson; occupier, Mrs. M. Flin. Dwelling. Gas stove carelessness. Value, building, \$1,400.00; contents, \$500.00. Loss, building, \$35.00.
- March 28, 6:21 P. M. Box 72—210 Hamilton avenue, 1-story frame. Owner, Mrs. A. Harris; occupier, C. H. Edwards. Dwelling. Gas stove carelessness. Value, building, \$500.00; contents, \$300.00. Loss, building, \$150.00; contents, \$20.00.
- March 20, 7:04 A. M. Box 123—221 Front, 2-story brick seed store. Oil lamp.
- March 30, 10:37 A. M. Phone—Sixth and Montgomery. False alarm.
- March 31, 11:20 A. M. Phone—174 Caruthers, 1-story frame dwelling. Burning flue.
- April 1, 10:25 A. M. Phone—430 Hawthorne avenue, 3-story frame. Owner, Church of Christ & Lodging House. Cause, defective flue. Value, building, \$6,000.00; contents, \$2,000.00. Loss, building, \$1,405.75; contents, \$25.00.
- April 2, 10:55 A. M. Still—304 First, 3-story brick rooming house. Burning flue.
- April 2, 11:40 A. M. Phone—335 Fourteenth, 1½-story frame dwelling. Burning flue.
- April 2, 9:16 P. M. Box 312—541 Loring, 1-story frame. Owner, Warren & Bateman. Shoddy factory. Cause, unknown. Value, building, \$300.00; contents, \$2,500.00. Loss, building, \$300.00; contents, \$1,500.00.
- April 3, 12:05 A. M. Box 54—270 Pine, 3-story frame lodging house. Burning flue.
- April 3, 12:56 A. M. Phone—434 Washington, 2-story frame restaurant. Burning flue.
- April 3, 1:28 A. M. Box 51—205½ First, 2-story brick. Owner, Henry Jones; occupier, Pacific Regalia Co. Regalia manufacturing company. Cause, unknown. Value, building, \$10,000.00; contents, \$6,000.00. Loss, building, \$250.00; contents, \$1,823.46.
- April 3, 8:08 A. M. Box 235—471 East Burnside, 2-story frame dwelling. Burning flue.
- April 3, 10:06 A. M. Box 131—346 Washington, 2-story frame millinery. Cause, matches.

- April 3, 5:35 P. M. Phone—54 Twenty-third, 2½-story frame dwelling. Sparks, chimney.
- April 4, 1:13 P. M. Phone—455 Alder, 5-story frame hotel. Supposed incendiary.
- April 4, 10:25 P. M. Box 131—145½ Sixth, 3-story frame lodging house. Burning flue.
- April 5, 1:25 P. M. Phone—455 Alder, 5-story frame hotel. Cause, supposed incendiary.
- April 5, 3:43 P. M. Still—715 Reed, 1½-story frame dwelling. Burning flue.
- April 5, 4:15 P. M. Phone—327 Seventh, 2-story frame dwelling. Burning flue.
- April 6, 9:18 A. M. Phone—91 First. False alarm.
- April 6, 6:30 P. M. Box 78—Foot of Lincoln. False alarm.
- April 7, 11:35 A. M. Phone—230 Hall, 1-story frame dwelling. Burning flue.
- April 8, 2:49 A. M. Phone—347 Oak, 3-story frame lodging house. Accident.
- April 8, 8:50 A. M. Phone—43½ Second, 3-story brick office building. Cause, defective flue.
- April 9, 10:24 A. M. Box 246—753 East Stark, 1½-story frame. Owner, John Jacobs. Dwelling. Defective gas pipe. Value, building, \$1,200.00; contents, \$500.00. Loss, building, \$50.00.
- April 10, 8:21 P. M. Box 76—1352 Macadam, 2-story frame shingle mill. Cause, hot box. Value, building, \$1,500.00; contents, \$4,000.00. Loss, contents, \$50.00.
- April 11, 10:15 A. M. Phone—634 Seventh, 1-story frame dwelling. Sparks, chimney.
- April 11, 10:21 A. M. Box 9—430 Everett, 2-story frame dwelling. Burning flue.
- April 11, 10:50 A. M. Phone—430 Everett, 2-story frame dwelling. Sparks, chimney.
- April 11, 12:40 P. M. Box 17—24½ Sixth, north, 2-story frame dwelling. Sparks, chimney.
- April 11, 4:54 P. M. Phone—323½ Alder, 9-story brick. Owner, Oregonian Publishing Co.; occupier, W. F. Lewis. Dentist office. Cause,

- unknown. Value, building, \$500,000.00; contents, \$700.00. Loss, building, \$27.00; contents, \$75.00.
- April 12, 4:52 A. M. Box 54—269 Burnside, 2-story frame. Owner, Geo. Marshall; occupier, Calas & Zaharpulas. Lodging house. Cause, unknown. Value, building, \$1,400.00; contents, \$1,500.00. Loss, building, \$518.00; contents, \$197.00.
- April 12, 10:20 A. M. Phone—Thirty-first and East Glisan, 1½-story frame. Owner, Florence Crittenton Mission. Defective flue. Value, building, \$350.00; contents, \$250.00. Loss, building, \$6.00.
- April 13, 6:57 P. M. Still—567 Flanders, 2-story frame dwelling. Burning flue.
- April 14, 7:41 A. M. Box 78—Foot of Lincoln. False alarm.
- April 14, 11:20 A. M. Box 35—Seventeenth and Clay. False alarm.
- April 14, 7:58 P. M. Phone—Third and Glisan. False alarm.
- April 16, 11:40 A. M. Phone—204½ Fourth, 2-story frame rooming house. Burning flue.
- April 16, 5:18 P. M. Phone—312 Burnside, 1-story frame restaurant. Cause, sparks and chimney.
- April 16, 5:43 P. M. Box 326—735 Williams avenue, 2-story frame dwelling. Burning flue.
- April 16, 7:45 P. M. Phone—Durham avenue and Mongolia, 1-story frame wood shed. Cause, rubbish.
- April 16, 8:06 P. M. Phone—Foot of Fifteenth, rubbish. Cause, unknown.
- April 16, 8:54 P. M. Box 62—Foot of Kearney, 1-story frame. Owner, O. R. & N. Co. Cold storage. Cause, sparks, locomotive. Value, building, \$1,500.00; contents, \$1,000.00. Loss, building, \$95.00.
- April 17, 1:37 A. M. Box 319—518 Union avenue, north, 1-story frame. Owner, J. C. Beck; occupier, H. W. Heizenter. Carpet factory. Cause unknown. Value, building, \$650.00; contents, \$1,700.00. Loss, building, \$600.00; contents, \$700.00.
- April 17, 1:37 A. M. Box 319—520 Union avenue, north, 1-story frame. Owner, J. C. Beck; occupier, H. G. Steiter. Office. Cause, unknown. Value, contents, \$250.00. Loss, contents, \$50.00.
- April 17, 1:37 A. M. Box 319—520 Union avenue, north, 1-story frame. J. C. Beck, owner; occupiers, Agrill & Keep. Carpenter shop. Cause, unknown. Value, building, —; contents, \$300.00. Loss, contents, \$35.00.

- April 17, 11:34 A. M. Phone—320 Fourth, 2-story frame dwelling. Burning flue.
- April 19, 12:55 P. M. Phone—540 East Sixth, 1-story frame. Owner, H. W. Reibenstein. Dwelling. Sparks from donkey. Value, building, \$700.00; contents, \$500.00. Loss, building, \$300.00; contents, \$200.00.
- April 19, 7:56 P. M. Phone—Sixth and Taggart. False alarm.
- April 20, 8:40 A. M. Box 83—1676 Macadam, 1½-story frame. Owner, F. M. Burliss; occupier, Weber Bros. Dwelling. Defective chimney. Value, building, \$900.00; contents, \$200.00. Loss, building, \$250.00; contents, \$40.00.
- April 20, 10:59 A. M. Phone—546 East Sixth, 2-story frame. Mrs. M. Campbell, owner. Dwelling. Cause, sparks from donkey. Value, building, \$1,800.00; contents, \$500.00. Loss, building, \$25.00.
- April 20, 1:36 P. M. Box 38—333 Front, 1-story frame. Owner, J. Burke; occupier, J. Dearso. Dwelling. Sparks, chimney. Value, building, \$200.00; contents, \$50.00. Loss, building, \$10.00.
- April 20, 4:53 P. M. Still—250 First, 1-story frame dwelling. Burning flue.
- April 23, 8:58 P. M. Phone—228 First, 1-story brick restaurant. Defective chimney.
- April 24, 10:36 A. M. Phone—540 East Sixth, 1-story frame. Vacant. Cause, sparks from donkey.
- April 24, 12:36 P. M. Still—564 Williams avenue, 1-story frame. Owner, Frank Hall. Wood shed. Cause, oil explosion. Value, building, \$25.00; contents, \$75.00. Loss, building, \$25.00; contents, \$75.00.
- April 24, 1:30 P. M. Box 56—411 Taylor, 1-story frame. Owner, C. Ladd; occupier, Mrs. J. Vardirnn. Dwelling. Sparks, chimney. Value, building, \$1,000.00; contents, \$300.00. Loss, building, \$50.00.
- April 24, 3:06 P. M. Box 57—188 Seventeenth, 1-story frame dwelling. Burning flue.
- April 24, 7:30 P. M. Phone—Seventeenth and Upshur, pole yard. Cause, matches.
- April 25, 7:43 A. M. Phone—248 Nartilla, 1-story frame dwelling. Burning flue.
- April 25, 3:40 P. M. Box 518—Sherlock avenue and Nicolai. False alarm.
- April 25, 4:10 P. M. Box 8—167 Eleventh, 2½-story frame. Owner, E.

- Kline; occupier, E. L. Bondexter. Dwelling. Cause, unknown. Value, building, \$3,000.00; contents, \$900.00. Loss, building, \$30.00.
- April 26, 2:48 P. M. Phone—251½ Ankeny, 2-story frame lodging house. Cause, matches.
- April 26, 4:53 P. M. Box 318—400 Tillamook; 1-story frame. Owner, Mrs. F. Armbruster. Bakery. Sparks from chimney. Value, building, \$1,400.00; contents, \$1,200.00. Loss, building, \$34.50; contents, \$10.00.
- April 26, 7:45 P. M. Phone—88 Twenty-second, north, 2-story frame dwelling. Burning flue.
- April 27, 10:00 P. M. Phone—227 Whittaker, 2-story frame dwelling. Burning flue.
- April 29, 8:50 A. M. Phone—726 Northrup, 2-story frame dwelling. Smoking furnace.
- April 29, 9:45 A. M. Box 246—732 East Ankeny, 1½-story frame dwelling. Oil explosion.
- April 29, 11:46 A. M. Box 124—1 College Place, 1-story frame dwelling. Burning flue.
- April 29, 7:28 P. M. Phone—Third and College. Electric wires in street.
- April 29, 8:40 P. M. Box 145—581 Kearney, 2½-story frame. Owner, D. F. Campbell. Dwelling. Sparks, chimney. Value, building, \$4,000.00; contents, \$900.00. Loss, building, \$27.00.
- April 30, 11:06 A. M. Phone—169 Tenth, 1-story frame dwelling. Burning flue.
- April 30, 1:30 P. M. Phone—426 Tenth, 1½-story frame. Owner, E. H. Banks; occupier, C. Neilsen. Dwelling. Defective chimney. Value, building, \$800.00; contents, \$175.00. Loss, building, \$15.00.
- April 30, 3:40 P. M. Still—250½ Alder, 2-story brick tailor sbop. Gas stove.
- April 30, 6:04 P. M. Box 321—773 Albina avenue, 1½-story frame. Owner, Mrs. McDonald; occupier, E. Meade. Dwelling. Cause, sparks from chimney. Value, building, \$3,000.00; contents, \$1,200.00. Loss, building, \$145.00.
- April 30, 7:17 P. M. Box 341—590 Borthwick, 2-story frame. Owner, J. E. Stewart. Dwelling. Cause, defective gas pipe. Value, building, \$2,000.00; contents, \$700.00. Loss, building, \$175.00.

- May 1, 2:30 A. M. Box 126—280 Front, 2-story frame dwelling. Burning flue.
- May 4, 4:41 P. M. Box 82—723 Hood, 2-story frame dwelling. Burning flue.
- May 6, 9:46 A. M. Box 218—561 East Burnside, 1½-story frame. Owner, John H. Hall; occupier, E. E. Stannard. Dwelling. Defective flue. Value, building, \$1,750.00; contents, \$500.00. Loss, building, \$675.00; contents, \$100.00.
- May 7, 6:34 P. M. Phone—336 Sherman, 1-story frame dwelling. Burning flue.
- May 8, 7:37 P. M. Still—60 First, 3-story brick. Saw company. Cause, hot lead.
- May 9, 9:50 P. M. Phone—188 Twelfth, 2½-story frame dwelling. Burning flue.
- May 11, 6:15 A. M. Box 136—S. W. corner Sixth and Morrison, 6-story brick. Owner, Portland Hotel Co. Defective air shaft. Value, building, \$516,189.00; contents, \$128,000.00. Loss, building, \$556.00; contents, \$375.00.
- May 11, 7:00 A. M. Phone—283 Glisan, 4-story brick packing house. Overheated smoke house.
- May 11, 6:40 P. M. Phone—912 East Tenth, north, 1-story frame dwelling. Burning flue.
- May 12, 6:12 A. M. Phone—1030 East Main, 1-story frame. Owner, E. A. Rankin. Dwelling. Cause, unknown. Value, building, \$2,800.00; contents, \$1,000.00. Loss, building, \$179.30.
- May 14, 2:15 P. M. Box 56—225 Eleventh, 2½-story frame dwelling. Burning flue.
- May 14, 10:45 P. M. Phone—514 East Fifteenth, 1-story frame. Owner, Jas. Campbell; occupier, E. Combs. Dwelling. Cause, unknown. Value, contents, \$200.00. Loss, contents, \$150.00.
- May 15, 5:15 P. M. Box 54—Fourth and Ankeny. False alarm.
- May 16, 9:10 P. M. Box 28—Twelfth and Burnside. Bonfire.
- May 16, 10:30 P. M. Box 121—265 Morrison, 3-story brick office building. Electric wires.
- May 17, 8:37 A. M. Phone—305 Tillamook, 1-story frame dwelling. Burning flue.
- May 18, 8:57 P. M. Box 213—314 East Yamhill, 2-story frame. Own-

- ers, King Estate; occupier, Portland Pulley Works. **Factory. Cause,** crossed wires. Value, building, \$6,000.00; contents, \$15,000.00. **Loss,** contents, \$35.00.
- May 22, 2:25 A. M. **Phone—667 Fifth, 1-story frame. Owner, Mrs. M. Barlatte. Dwelling. Cause,** sparks, chimney. Value, building, \$500.00; contents, \$300.00. **Loss,** building, \$5.00.
- May 22, 4:07 P. M. **Box 45—109 Sixth, north, 4-story brick cracker factory. Cause,** burning fuel oil.
- May 22, 8:00 P. M. **Phone—Tenth and Washington. False alarm.**
- May 23, 12:56 A. M. **Box 142—45½ Third, north, 3-story brick. Owner,** Joseph Simon; occupier, M. E. King. **Lodging house. Cause,** lamp explosion. Value, contents, \$3,000.00. **Loss,** contents, \$9.00.
- May 23, 6:36 P. M. **Phone—510 East Twenty-third, 2-story frame dwelling. Cause,** burning flue.
- May 23, 6:48 P. M. **Still—577 Williams avenue, 1-story frame. Owner,** A. B. Manley; occupier, H. Baum. **Blacksmith's shop. Spontaneous combustion. Value,** building, \$600.00; contents, \$300.00. **Loss,** building, \$75.00; contents, \$25.00.
- May 25, 5:35 P. M. **Still—473 Yamhill, 1-story frame automobile garage. Cause,** gasoline.
- May 26, 1:14 A. M. **Box 61—18 and 20 Front, 3-story brick. Owner, J. W. Cook; occupier, Portland Mattress Factory. Unknown cause. Value,** building, \$17,000.00; contents, \$31,300.00. **Loss,** building, \$9,900.00; contents, \$24,300.00.
- May 26, 1:14 A. M. **Box 61—14 and 16 Front, 3-story brick. Owner, J. W. Cook; occupier, Lowengart & Co. Warehouse. Adj. fire. Value,** building, \$17,000.00; contents, \$13,000.00. **Loss,** building, \$20.00; contents, \$375.00.
- May 26, 7:58 A. M. **Phone—18 and 20 Front, 3-story brick ruins. Smouldering fire.**
- May 26, 9:28 A. M. **Box 238—315 Larrabee, 1½-story frame. Owner,** Sam Ruby. **Dwelling. Cause,** sparks chimney. Value, building, \$500.00; contents, \$3,000.00. **Loss,** building, \$24.00; contents, \$63.40.
- May 26, 1:55 P. M. **Phone—Third and Flower. Brush fire.**
- May 26, 4:38 P. M. **Phone—18 and 20 Front, 3-story brick ruins. Smouldering fire.**
- May 26, 5:08 P. M. **Phone—Foothills. Brush fire.**

- May 27, 1:41 P. M. **Phone—669 Fifth, 1-story frame. Owner, S. Capatasto. Dwelling. Cause,** sparks, chimney. Value, building, \$300.00; contents, \$200.00. **Loss,** building, \$175.00; contents, \$200.00.
- May 27, 2:25 P. M. **Phone—18 and 20 Front, 3-story brick ruins. Smouldering fire.**
- May 27, 4:37 P. M. **Box 69—421 Nineteenth, north, 3-story frame. Owner, Oregon Planing Mills. Sparks, stack. Value,** building, \$8,000.00; contents, \$35,000.00. **Loss,** building, \$125.00; contents, \$334.97.
- May 28, 8:00 A. M. **Still—511 Twenty-second, north, 1-story frame. Owner, W. L. Crawford; occupier, N. W. Roofing Co. Roofing plant. Cause,** boiling tar. Value, building, \$500.00; contents, \$1,000.00. **Loss,** building, \$200.00; contents, \$300.00.
- May 28, 9:43 A. M. **Phone—471 Everett, 1½-story frame. Owner, J. Closset; occupier, C. J. Smith. Dwelling. Cause,** sparks, chimney. Value, building, \$400.00; contents, \$300.00. **Loss,** building, \$60.00; contents, \$50.00.
- May 28, 11:33 A. M.—18 and 20 Front, 3-story brick ruins. **Smouldering fire.**
- May 28, 10:58 P. M. **Box 213—192 East Water, 1½-story frame. Owner, S. E. Wrenn; occupier, East Side Box & Lumber Co. Box factory. Oil explosion. Value,** building, \$4,000.00; contents, \$15,000.00. **Loss,** building, \$250.00; contents, \$450.00.
- May 29—11:29 A. M. **Still—509 Irving, 1-story frame dwelling. Sparks, chimney.**
- May 30, 12:35 P. M. **Box 54—251½ Ankeny, 2-story frame. Owner, Catherine Burke Estate; occupier, M. L. Druley. Lodging house. Carelessness. Value,** contents, \$1,200.00. **Loss,** contents, \$6.25.
- May 30, 3:58 P. M. **Phone—271 Seventh. False alarm.**
- May 30, 11:04 P. M. **Phone—18 and 20 Front, 3-story brick ruins. Smouldering fire.**
- May 31, 2:52 P. M. **Phone—18 and 20 Front, 3-story brick ruins. Smouldering fire.**
- May 31, 3:09 P. M. **Phone—612 Second, 2-story frame dwelling. Burning flue.**
- June 1, 11:05 A. M. **Box 121—Third and Morrison. False alarm.**
- June 1, 3:37 P. M. **Box 121—Third and Morrison. False alarm.**
- June 1, 8:25 P. M. **Phone—Park and Alder. False alarm.**

- June 1, 10:23 P. M. Box 17—32 Seventh, north, 2-story frame. Cause, hot ashes.
- June 1, 10:58 P. M. Phone—791 Kearney, 2½-story frame dwelling. Burning flue.
- June 2, 11:07 P. M. Box 15—25½ First, 3-story brick lodging house. Burning flue.
- June 3, 9:49 A. M. Box 124—250 Lincoln, 1-story frame. Owner, John Enely; occupier, B. Floser. Dwelling. Defective flue. Value, building, \$750.00; contents, \$250.00. Loss, building, \$25.00.
- June 3, 3:04 P. M. Box 52—289 Third, 1½-story frame. Owner, Mrs. E. Simons; occupier, J. E. Davis. Dwelling. Cause, sparks, chimney. Value, building, \$1,000.00; contents, \$450.00. Loss, building, \$125.00.
- June 4, 11:22 A. M. Box 562—68 Fifth. False alarm.
- June 5, 7:12 P. M. Phone—Foot of Russell. Owner, G. N. Smith. Launch. Cause, oil explosion. Value, \$600.00. Loss, \$147.00.
- June 6, 4:22 P. M. Phone—183 Grant, 1-story frame. Owner, W. E. Kierman; occupier, Mrs. C. Crow. Dwelling. Cause, unknown. Value, building, \$500.00; contents, \$300.00. Loss, building, \$150.00; contents, \$300.00.
- June 6, 8:59 P. M. Box 68—360 Twenty-sixth, north, 2½-story frame apartment house. Cause, gas leak.
- June 6, 9:21 P. M. Still—243 First, 1-story frame restaurant. Burning flue.
- June 6, 9:35 P. M. Box 213—Foot of East Yamhill. Owners, Willamette & Columbia River Towing Co. Steamboat. Fuel oil explosion. Value, boat, \$25,000.00. Loss, \$12,000.00.
- June 7, 11:00 A. M. Box 25—Rear of 265 Twelfth, north, 1-story frame. Owner, F. Raymond. Clothes cleaning shop. Gasoline explosion. Value, building, \$900.00; contents, \$250.00. Loss, building, \$900.00; contents, \$100.00.
- June 7, 11:00 A. M. Box 25—Rear of 266 Thirteenth, north, 2-story frame. Owner, H. Weinhard; occupier, T. Fox. Store room. Adj. fire. Value, building, \$50.00; contents, \$25.00. Loss, building, \$50.00; contents, \$25.00.
- June 7, 11:00 A. M. Box 25—467 Northrup, 1-story frame. Adj. fire. Value, building, \$800.00; contents, \$500.00. Loss, building, \$185.50.
- June 7, 9:50 P. M. Phone—430 Fourth, 1-story frame. Owners, Parish & Watkins. Vacant. Supposed incendiary. Value, building, \$100.00. Loss, building, \$5.00.

- June 8, 9:50 A. M. Phone—At Linnton. Owners, Olson & Mahoney. Steamboat, "Jim Butler." Cause, fuel oil explosion. Value, boat, \$80,000.00; contents, \$9,000.00. Loss, boat, \$300.00.
- June 8, 4:18 P. M. Box 327—346 Morris, 1-story frame dwelling. Burning flue.
- June 8, 7:45 P. M. Phone—Twentieth and Davis. False alarm.
- June 8, 9:55 P. M. Phone—Fourth and Ankeny. False alarm.
- June 10, 8:00 A. M. Box 72—1076 Mable Lane, 1-story frame dwelling. Burning flue.
- June 10, 10:35 A. M. Phone—392 East Fifteenth, 1½-story frame dwelling. Burning flue.
- June 10, 6:00 P. M. Box 142—60 Third, north, 1-story frame saloon. Burning flue.
- June 11, 6:30 P. M. Phone—128 West Park, 2-story brick lodging house. Sparks, furnace.
- June 11, 6:40 P. M. Phone—651 Fifth, 2-story frame dwelling. Burning flue.
- June 13, 3:58 A. M. Box 46—47 Nineteenth, north, 3-story frame. Owners, Board of School Trustees; occupier, Pewthere & Kinersly. Hotel. Cause, smoking. Value, building, \$15,000.00; contents, \$12,000.00. Loss, contents, \$25.00.
- June 13, 2:40 P. M. Box 74—189 Baker, 1-story frame. Owner, J. Baker. Vacant. Supposed incendiary. Value, building, \$50.00. Loss, building, \$10.00.
- June 14, 6:38 P. M. Box 91—N. P. Mill Yards, 2-story frame sawmill. Cause, hot journal.
- June 14, 9:48 P. M. Phone—735 Hoyt, 2½-story frame dwelling. Burning flue.
- June 16, 4:40 A. M. Box 235—429 East Davis, 1½-story frame. Owner, Gen. Goodale; occupier, Mrs. Wilson. Dwelling. Defective flue. Value, building, \$900.00; contents, \$200.00. Loss, building, \$158.00.
- June 16, 1:33 P. M. Phone—68 Sixth, north, 2-story frame automobile garage. Cause, torch.
- June 16, 3:15 P. M. Still—440 Washington, 3-story frame. Owner, R. W. Morris Estate; occupier, A. Stipe. Cigar store. Gasoline explosion. Value, building, \$11,000.00; contents, \$2,700.00. Loss, building, \$233.50; contents, \$58.40.

- June 17, 4:27 P. M. Box 234—381 East Morrison, 2-story brick barber shop. Cause, hot ashes.
- June 18, 11:26 P. M. Still—384 East Ninth, 1-story frame. Owner, C. Roth; occupier, A. Schuler. Dwelling. Sparks, chimney. Value, building, \$500.00; contents, \$100.00. Loss, building, \$22.00.
- June 18, 4:43 P. M. Phone—Front and Thurman, rubbish. Sparks, locomotive.
- June 20, 11:20 A. M. Box 212—195 East Seventh, 2-story frame. Owner, L. B. Senosky; occupier, O. Peck. Dwelling. Cause, gasoline explosion. Value, building, \$3,500.00; contents, \$600.00. Loss, building, \$97.00; contents, \$122.00.
- June 20, 6:08 P. M. Phone—501 Mill, 2-story frame dwelling. Burning flue.
- June 20, 7:32 P. M. Phone—449 Fifth, 1-story frame dwelling. Burning flue.
- June 20, 10:50 P. M. Phone—Front and Savier, rubbish. Sparks, locomotive.
- June 21, 6:40 A. M. Still—392 Schuyler, 2-story frame bakery. Hot oven.
- June 22, 4:53 P. M. Phone—49 Second. False alarm.
- June 22, 8:15 P. M. Box 17—30½ Sixth, north, 2-story frame lodging house. Burning flue.
- June 23, 3:01 A. M. Phone—1530 Madrona, 1-story frame. Owner, W. D. Husstiter. Dwelling. Lamp explosion. Value, building, \$350.00; contents, \$100.00. Loss, building, \$30.00; contents, \$20.00.
- June 23, 11:27 A. M. Phone—89 Eleventh, north, 1½-story frame. Owner, J. Closset. Vacant. Cause, sparks, chimney. Value, building, \$400.00. Loss, building, \$150.00.
- June 23, 1:35 P. M. Box 9—385 Flanders, 2-story frame. Owner, Geo. Marshall; occupier, C. H. Jackson. Restaurant. Cause, sparks, chimney. Value, building, \$1,000.00; contents, \$500.00. Loss, building, \$17.08.
- June 23, 1:58 P. M. Box 16—68 Front, north, 1-story frame. Owners, O. & C. R. R. Co.; occupiers, Hammond Mfg. Co. Work shop. Cause, unknown. Value, building, \$10,000.00; contents, \$1,500.00. Loss, building, \$5,000.00; contents, \$600.00.
- June 23, 1:58 P. M. Box 16—60 Front, north, 3-story brick. Owner, O. & C. R. R. Co.; occupier, Portland Rice Milling Co. Rice mill. Adj.

- fire. Value, building, \$35,000.00; contents, \$28,000.00. Loss, building, \$600.00; contents, \$100.00.
- June 23, 1:58 P. M. Box 16—Dock rear of 66 Front, north, 2-story frame. Owner, O. & C. R. R. Co.; occupier, Gillen & Chambers. Warehouse. Adj. fire. Value, building, \$8,000.00; contents, \$1,400.00. Loss, building, \$1,800.00; contents, \$350.00.
- June 23, 3:35 P. M. Phone—555 Mall, 1-story frame. Owner, J. P. Hanrion. Dwelling. Cause, fireworks. Value, building, \$15.00; contents, \$500.00. Loss, building, \$15.00; contents, \$500.00.
- June 23, 7:35 P. M. Box 61—66 Front, north, 3-story brick asbestos factory. Smouldering fire.
- June 24, 4:30 P. M. Phone—Eighteenth and Multnomah, burning brush.
- June 24, 7:55 P. M. Still—92 Front, 3-story brick. False alarm.
- June 24, 9:40 P. M. Box 76—1352 Macadam, 1½-story frame shingle mill. Sparks from stack.
- June 25, 11:00 A. M. Phone—103 Stanton, 1-story frame dwelling. Burning flue.
- June 25, 4:28 P. M. Box 17—Rear of 315 Couch, 2-story frame. Owners, Russell & Blyth; occupier, S. Shimomura. Lodging house. Sparks, chimney. Value, building, \$1,000.00; contents, \$1,100.00. Loss, building, \$71.00; contents, \$89.75.
- June 25, 7:02 P. M. Phone—92 Front, 3-story brick. False alarm.
- June 25, 9:23 P. M. Box 142—69 Second, north, 1-story frame brass foundry. Overheated stack.
- June 25, 9:42 P. M. Box 17—29½ Sixth, north, 3-story frame lodging house. Cause, cigar.
- June 26, 1:03 A. M. Box 53—364 Morrison, 3-story frame. Owner, E. S. Merrill; occupier, L. H. Gordon, hair dresser. Cause, electric wires. Value, building, \$6,000.00; contents, \$3,000.00. Loss, building, \$540.00; contents, \$1,200.00.
- June 26, 11:02 A. M. Box 147—Ninth and Lovejoy, 1-story brick. Owner, Pintsch Compressing Co. Gas works. Cause, gas explosion. Value, building, \$2,000; contents, \$5,000.00. Loss, building, \$15.00.
- June 26, 7:36 P. M. Still—293 Morrison, 3-story brick. False alarm.
- June 27, 7:22 A. M. Box 147—Eighth and Irving. Owner, N. P. R. R. Co. Rothschilds Bros. Railroad Car No. 41788. 65 barrels spirits. Cause, matches. Value, car, \$440.00; contents, \$8,002.42. Loss, car, \$350.00; contents, \$8,002.42.

- June 17, 4:27 P. M. Box 234—381 East Morrison, 2-story brick barber shop. Cause, hot ashes.
- June 18, 11:26 P. M. Still—384 East Ninth, 1-story frame. Owner, C. Roth; occupier, A. Schuler. Dwelling. Sparks, chimney. Value, building, \$500.00; contents, \$100.00. Loss, building, \$22.00.
- June 18, 4:43 P. M. Phone—Front and Thurman, rubbish. Sparks, locomotive.
- June 20, 11:20 A. M. Box 212—195 East Seventh, 2-story frame. Owner, L. B. Senosky; occupier, O. Peck. Dwelling. Cause, gasoline explosion. Value, building, \$3,500.00; contents, \$600.00. Loss, building, \$97.00; contents, \$122.00.
- June 20, 6:08 P. M. Phone—501 Mill, 2-story frame dwelling. Burning flue.
- June 20, 7:32 P. M. Phone—449 Fifth, 1-story frame dwelling. Burning flue.
- June 20, 10:50 P. M. Phone—Front and Savier, rubbish. Sparks, locomotive.
- June 21, 6:40 A. M. Still—392 Schuyler, 2-story frame bakery. Hot oven.
- June 22, 4:53 P. M. Phone—49 Second. False alarm.
- June 22, 8:15 P. M. Box 17—30½ Sixth, north, 2-story frame lodging house. Burning flue.
- June 23, 3:01 A. M. Phone—1530 Madrona, 1-story frame. Owner, W. D. Husstiter. Dwelling. Lamp explosion. Value, building, \$350.00; contents, \$100.00. Loss, building, \$30.00; contents, \$20.00.
- June 23, 11:27 A. M. Phone—89 Eleventh, north, 1½-story frame. Owner, J. Closset. Vacant. Cause, sparks, chimney. Value, building, \$400.00. Loss, building, \$150.00.
- June 23, 1:35 P. M. Box 9—385 Flanders, 2-story frame. Owner, Geo. Marshall; occupier, C. H. Jackson. Restaurant. Cause, sparks, chimney. Value, building, \$1,000.00; contents, \$500.00. Loss, building, \$17.08.
- June 23, 1:58 P. M. Box 16—68 Front, north, 1-story frame. Owners, O. & C. R. R. Co.; occupiers, Hammond Mfg. Co. Work shop. Cause, unknown. Value, building, \$10,000.00; contents, \$1,500.00. Loss, building, \$5,000.00; contents, \$600.00.
- June 23, 1:58 P. M. Box 16—60 Front, north, 3-story brick. Owner, O. & C. R. R. Co.; occupier, Portland Rice Milling Co. Rice mill. Adj.

- fire. Value, building, \$35,000.00; contents, \$28,000.00. Loss, building, \$600.00; contents, \$100.00.
- June 23, 1:58 P. M. Box 16—Dock rear of 66 Front, north, 2-story frame. Owner, O. & C. R. R. Co.; occupier, Gillen & Chambers. Warehouse. Adj. fire. Value, building, \$8,000.00; contents, \$1,400.00. Loss, building, \$1,800.00; contents, \$350.00.
- June 23, 3:35 P. M. Phone—555 Mall, 1-story frame. Owner, J. P. Hanrion. Dwelling. Cause, fireworks. Value, building, \$15.00; contents, \$500.00. Loss, building, \$15.00; contents, \$500.00.
- June 23, 7:35 P. M. Box 61—66 Front, north, 3-story brick asbestos factory. Smouldering fire.
- June 24, 4:30 P. M. Phone—Eighteenth and Multnomah, burning brush.
- June 24, 7:55 P. M. Still—92 Front, 3-story brick. False alarm.
- June 24, 9:40 P. M. Box 76—1352 Macadam, 1½-story frame shingle mill. Sparks from stack.
- June 25, 11:00 A. M. Phone—103 Stanton, 1-story frame dwelling. Burning flue.
- June 25, 4:28 P. M. Box 17—Rear of 315 Couch, 2-story frame. Owners, Russell & Blyth; occupier, S. Shimomura. Lodging house. Sparks, chimney. Value, building, \$1,000.00; contents, \$1,100.00. Loss, building, \$71.00; contents, \$89.75.
- June 25, 7:02 P. M. Phone—92 Front, 3-story brick. False alarm.
- June 25, 9:23 P. M. Box 142—69 Second, north, 1-story frame brass foundry. Overheated stack.
- June 25, 9:42 P. M. Box 17—29½ Sixth, north, 3-story frame lodging house. Cause, cigar.
- June 26, 1:03 A. M. Box 53—364 Morrison, 3-story frame. Owner, E. S. Merrill; occupier, L. H. Gordon, hair dresser. Cause, electric wires. Value, building, \$6,000.00; contents, \$3,000.00. Loss, building, \$540.00; contents, \$1,200.00.
- June 26, 11:02 A. M. Box 147—Ninth and Lovejoy, 1-story brick. Owner, Pintsch Compressing Co. Gas works. Cause, gas explosion. Value, building, \$2,000; contents, \$5,000.00. Loss, building, \$15.00.
- June 26, 7:36 P. M. Still—293 Morrison, 3-story brick. False alarm.
- June 27, 7:22 A. M. Box 147—Eighth and Irving. Owner, N. P. R. R. Co. Rothschilds Bros. Railroad Car No. 41788. 65 barrels spirits. Cause, matches. Value, car, \$440.00; contents, \$8,002.42. Loss, car, \$350.00; contents, \$8,002.42.

- June 27, 1:46 P. M. Phone—Seventeenth and Upshur, rubbish. Cause, unknown.
- June 27, 4:42 P. M. Box 271—685 East Twenty-first, 1½-story frame. Owner, Wm. Campbell; occupier, E. S. Batsford. Dwelling. Sparks, chimney. Value, building, \$1,200.00; contents, \$200.00. Loss, building, \$2.00.
- June 27, 5:17 P. M. Box 215—365 East Clay, 1-story frame. Owner, J. M. Brady; occupier, P. Featherstone. Dwelling. Sparks, chimney. Value, building, \$300.00; contents, \$200.00. Loss, building, \$2.00.
- June 27, 11:10 P. M. Phone—Front and Thurman. False alarm.
- June 28, 10:20 P. M. Phone—Woodlawn.
- June 29, 10:00 P. M. Phone—429 Third, 2-story frame dwelling. Burning flue.
- June 30, 5:45 P. M. Box 32—313 Fourteenth, 2-story frame dwelling. Sparks, chimney.
- June 30, 8:46 P. M. Still—246½ Yamhill, 4-story brick. Owner, Twin Wo; occupier, B. L. Cain Co. Restaurant. Cause, defective range. Value, building, \$5,000.00; contents, \$200.00. Loss, building, \$10.00.
- July 2, 2:43 A. M. Box 135—81 5th, 5-story brick. Owner, A. McCallman; occupier, Archer & Schanz Co. Wholesale Drugs. Cause, unknown. Value, building \$30,000; contents, \$150,000. Loss, building \$10,029.20; contents, \$90,509.25.
- July 2, 8:28. Still.—81 5th, 5-story brick. Ruins smoldering fire.
- July 2, 10:45 P. M. Still.—542½ Washington, 2-story frame. Owner, Cecil Bauer; occupier, C. L. Ching. Ladies' Furnishings. Cause, electric wires. Value, building \$9,500; contents \$2,000. Loss, building \$106.50; contents, \$659.45.
- July 2, 10:45 P. M. Still—548½ Washington, 2-story frame. Owner, Cecil Bauer; occupier, Mrs. L. M. Slocum. Lodging House. Same fire. Contents value, \$8,000; loss, contents \$10.
- July 3, 2:43 P. M. Still—454 Mechanic, 1½-story frame. Dwelling. Burning flue.
- July 3, 3:02 P. M. Phone—388 Washington, 3-story brick. Office building. Crossed wires.
- July 4, 12:15 A. M. Box 135—296 Washington. Canvas Awning. Cause, fire works. Value building, \$20; loss building, \$16.86.

- July 4, 1:36 A. M. Box 145—566 Northrup, 2-story frame. Owner, Brown Bros. Stable. Cause, unknown. Value, building \$2,000; contents, \$5,065. Loss, building, \$2,000; contents, \$3,000.
- July 4, 1:36 A. M. Box 145—245½ 17th N., 2-story frame. Owner, J. F. Shea; occupier, A. O. U. W. Lodge. Lodge Room Adj. Fire. Value, building \$8,000; contents, \$1,500. Loss, building, \$230.
- July 4, 1:36 A. M. Box 145—249 17th N., 1-story frame. Owner, Brown Bros.; occupier, D. A. Weston. Dwelling Adj. Fire. Value, building \$800; contents, \$400. Loss, building \$280.90; contents, \$100.
- July 4, 1:36 A. M. Box 145—251 17th N., 1-story frame. Owner, Brown Bros.; occupier, F. E. Bowers. Dwelling Adj. Fire. Value, building, \$800; contents, \$350. Loss, building, \$432.51; contents, \$75.
- July 4, 1:36 A. M. Box 145—253 17th N., 1-story frame. Owner, Brown Bros.; occupier, J. Thrush. Dwelling Adj. Fire. Value, building \$800; contents, \$600. Loss, building \$300; contents, \$50.
- July 4, 1:36 A. M. Box 145—255 17th N., 1-story frame. Owner, Brown Bros.; occupier, J. W. Brown. Dwelling Adj. Fire. Value, building \$800; contents, \$600. Loss, building \$100.
- July 4, 10:49 A. M. Still—307 E. 9th, 2-story frame. Owner, R. Mantell. Dwelling. Cause, fire works. Value, building \$1,500; contents, \$600. Loss, building \$5.
- July 4, 6:34 P. M. Box 34—334 Hall, 2-story frame. Dwelling. Fire-crackers.
- July 4, 6:37 P. M. Box 232—209 Grand Ave., 1-story frame. Wood shed. Fire works.
- July 4, 9:40 P. M. Phone—625½ 1st, 2-story frame dwelling. Fire-crackers.
- July 4, 9:53 P. M. Still—809 1st, 2-story frame. Owner, J. Mears; occupier, H. J. Carlton. Dwelling. Fire crackers. Value, building \$2,500; contents, \$1,000. Loss, building \$300; contents, \$230.
- July 4, 10:32 P. M. Box 182—133 6th. Canvas Awning. Cause, fire-crackers. Value, \$20; loss, \$12.
- July 4, 10:50 P. M. Box 24—510 Flanders, 3-story frame. Owner, Portland Women's Union. Boarding House. Cause, sky rocket. Value, building \$15,000; contents, \$4,000. Loss, building \$1,088.37; contents, \$527.75.
- July 4, 11:30 P. M. Box 42—353 22nd N., 1-story frame. Dwelling. Fire works.
- July 5, 12:20 A. M. Phone—440 Holgate. False alarm.

- July 5, 12:30 A. M. Still—510 Flanders, 3-story frame. Boarding House. Cause, smoldering fire.
- July 5, 12:34 A. M. Box 31—184 Arthur, 1-story frame. Dwelling. Burning flue.
- July 5, 5:17 P. M. Box 215—365 E. Clay, 1-story frame. Owner, J. M. Brady; occupier, J. Rankin. Wood shed. Sparks, chimney. Value, building \$50; contents, \$100. Loss, building \$15.
- July 5, 7:45 P. M. Phone—Mallory and Pearl. Play house. Cause, matches.
- July 5, 10:13 P. M. Phone—8th and East Taggart. Owner, J. H. Casiar. Wood saw. Spontaneous combustion. Value, \$300; loss, \$50.
- July 6, 10:15 A. M. Phone—494 E. Pine, 1½-story frame. Owner, Mrs. F. Schmitt; occupier, Mrs. L. Dickson. Dwelling. Sparks chimney. Value, building \$800; contents, \$400. Loss, building \$5.
- July 6, 9:56 P. M. Phone—Foot of Lake. Dump. Bonfire.
- July 8, 10:15 P. M. Phone—462 Washington, 3-story brick. Owner, Mrs. M. M. Gearin; occupiers, Portland Amusement Co. Moving Picture Show. Electric wires. Value, building \$60,000; contents, \$350. Loss, building —; contents, \$40.
- July 9, 12:20 P. M. Phone—14th and Front. Saw dust. Cause, sparks locomotive.
- July 9, 3:35 P. M. Phone—14th and Front. Saw dust. Cause, sparks locomotive.
- July 10, 3:05 P. M. Phone—16th and Savier. Tar pot. Boiling tar.
- July 10, 4:25 P. M. Still—162 Bannadary and Bingham, 1-story frame. Owner Mrs. F. Thornton; occupier, Mrs. L. C. Brown. Dwelling. Matches. Value, building \$50; contents, \$300. Loss, building \$20; contents, \$300.
- July 11, 11:57 A. M. Box 38—352 1st, 3-story frame. Furniture Store. Cause, cigar.
- July 11, 1:15 P. M. Tel.—331 18th N., 1½-story frame. Dwelling. Sparks chimney.
- July 11, 4:33 P. M. Still—Steel Bridge, east side. Bridge. Cause, sparks locomotive.
- July 12, 2:57 P. M. Box 234—466 East Alder, 2-story frame. Owner, Mrs. C. Canariss; occupier, C. F. Stillwell. Dwelling. Sparks chimney. Value, building \$1,200; contents, \$1,000. Loss, building \$209; contents, \$29.50.

- July 12, 4 P. M. Phone—Second and Hall. Rubbish. Bonfire.
- July 13, 2:30 A. M. Phone—391 Second, 1½-story frame. Dwelling. Cause, sulphur fumigating.
- July 13, 7:19 A. M. Box 121—Third and Morrison. False alarm.
- July 14, 10:09 A. M. Phone—Thirteenth and Kearney. False alarm.
- July 14, 10:12 A. M. Phone—551 Failing, 1½-story frame. Owner, Henry Brown. Dwelling. Defective flue. Value, building, \$700; contents, \$150. Loss, building, \$75.
- July 14, 5:25 P. M. Box 182—122 Sixth, 2-story frame. Saloon. Unknown.
- July 16, 8:46 A. M. Phone—430 Fourth, 2-story frame. Dwelling. Burning flue.
- July 17, 10:08 A. M. Box 246—713-15 E. Stark, 1-story frame. Owner, Mrs. Kate Calwell; occupier, Wm. Burden. Dwelling. Sparks bonfire. Value, building, \$1,200; contents, \$250. Loss, building, \$7.50.
- July 17, 1:35 P. M. Phone—841 Belmont, 2-story frame. Knapp & Rose. Food factory. Cause, unknown. Value, building, \$4,000; contents, \$10,000. Loss, building, \$4,000; contents, \$10,000.
- July 17, 3:25 P. M. Box 56—241 Thirteenth, 2-story frame. Dwelling. Hot ashes.
- July 17, 8:55 P. M. Phone—530 Tillamook, 2-story frame. Dwelling. Burning flue.
- July 18, 2:14 P. M. Phone—247 Sixteenth N., 2-story frame. Owner, Mrs. H. Mundt; occupier, W. Ford. Dwelling. Lamp explosion. Value, building, \$2,000; contents, \$400. Loss, contents, \$10.
- July 18, 5:10 P. M. Phone—247 Twelfth N., 3-story frame. Vacant. Matches.
- July 18, 7:55 P. M. Box 52—284 Main, 2-story frame. Dwelling. Overheated oven.
- July 18, 10:32 P. M. Phone—841 Belmont. Ruins. Smoldering ruins.
- July 19, 7:52 A. M. Still—334 Fifth, 1½-story frame. Dwelling. Burning flue.
- July 19, 9:30 P. M. Still—527 Burnside, 2-story frame. Automobile Garage. Gasoline explosion.
- July 19, 11:09 P. M. Box 53—193 West Park, 2-story frame. Owner, H. E. Dosch; occupier, Mrs. A. Muldoon. Lodging House. Cause,

- unknown. Value, building, \$3,000; contents, \$1,200. Loss, building, \$25; contents, \$47.50.
- July 20, 1 A. M. Box 132—172 Fourth, 2-story frame. Restaurant. Burning flue.
- July 20, 7:43 P. M. Phone—Fourth and Burnside. False alarm.
- July 21, 12:44 A. M. Box 271—595 E. Twenty-first, 1-story frame. Owner H. H. Emmons; occupier, J. G. Denney. Grocery Store. Cause, rats and matches. Value, building, \$900; contents, \$1,700. Loss, building, \$595; contents, \$571.97.
- July 21, 12:35 P. M. Phone—695 Second, 2-story frame. Dwelling. Burning flue.
- July 22, 7:05 P. M. Phone—Fourth and Salmon. False alarm.
- July 23, 5:20 A. M. Phone—1535 Macadam, 1½-story frame. Dwelling. Cause, cigar.
- July 24, 3:10 P. M. Still—1063 E. Taylor, 2-story frame. Dwelling. Lamp, lace curtains.
- July 24, 8:51 P. M. Box 61—34 Front N., 3-story brick. Owner, M. L. Flanders; occupier, Dwight, Edwards Co. Coffee and Spices. Cause unknown. Value, building, \$18,000; contents, \$80,000. Loss, building, \$315.28; contents, \$1,262.57.
- July 24, 9:35 P. M. Box 26—353 Seventeenth N., 1-story frame. Dwelling. Cause, matches.
- July 25, 9:16 A. M. Still—E. Water and Main. Elevated Roadway. Matches, oil.
- July 26, 12:28 P. M. Box 26—331 Eighteenth N., 1½-story frame. Owner, A. G. Churchly; occupier, W. Camp. Dwelling. Sparks, chimney. Value, building, \$600; contents, \$500. Loss, building, \$5.00.
- July 27, 3:10 P. M. Phone—472 E. Alder, 3-story frame. Pickle Works. Sparks, chimney.
- July 28, 6:15 P. M. Phone—Front and Clay. Rubbish on street.
- July 29, 1:33 P. M. Still—123 Sixteenth N., 2-story frame. Owner, Max Smith; occupier, Mrs. L. Jantch. Cigar store. Sparks, chimney. Value, building, \$600; contents, \$500. Loss, building, \$17.35.
- July 29, 2:52 P. M. Phone—Foot of Sberlock avenue. Roadway. Cigar.
- July 30, 12:09 A. M. Box 135—92 Sixth, 2-story frame. Owner, Russell & Blyth; occupier, Whittaker & McDaniel. Restaurant. Cause, unknown. Value, building, \$9,000; contents, \$1,537. Loss, building, \$1,718; contents, \$800.

- July 30, 12:09 A. M. Box 135—90 Sixth, 2-story frame. Owner, Russell & Blyth; occupier, Wing Wa Lung Co. Japanese Curios. Cause, unknown. Value, contents, \$17,000. Loss, contents, \$6,300.
- July 30, 12:09 A. M. Box 135—88 Sixth, 2-story frame. Owner, Russell & Blyth; occupier, Man Sing & Co. Ladies' Furnishings. Cause, Unknown. Value, contents, \$4,000. Loss, contents, \$575.
- July 30, 12:09 A. M. Box 135—88½ Sixth, 2-story frame. Owners, Russell & Blyth; occupier, C. A. Churchill. Lodging House. Cause, unknown; value, contents, \$4,000. Loss, contents, \$675.
- July 30, 12:09 A. M. Box 135—92¼ Sixth, 2-story frame. Owners, Russell & Blyth; occupier, Portland Cutlery Co. Cutlery Store. Cause, unknown. Value, contents, \$4,000. Loss, contents, \$155.25.
- July 30, 12:09 A. M. Box 135—92½ Sixth, 2-story frame. Owners, Russell & Blyth; occupier, B. Wolfel. Jewelry Store. Cause, unknown. Value, contents, \$8,000. Loss, contents, \$48.
- July 30, 12:09 A. M. Box 135—311½ Stark, 3-story brick. Owner, J. D. Coleman; occupier, Mrs. L. Buetikofer. Lodging House Adj. Fire. Value, building, \$23,000; contents, \$2,500. Loss, building, \$419; contents, \$90.
- July 30, 12:09 A. M. Box 135—311 Stark, 3-story brick. Owner, J. D. Coleman; occupier, M. J. Walsh & Co. Electrical Supply House, Adj. Fire. Value, contents, \$35,000. Loss, contents, \$825.
- July 30, 12:57 P. M. Box 14—5 Second N., 4-story brick. Owner, J. F. Shea; occupier, Simpson & Jones. Lodging House. Cause, fumigating. Value, building, \$45,000; contents, \$1,000. Loss, building, \$3,465; contents, \$500.
- July 30, 12:57 P. M. Box 14—3½ Second N., 4-story brick. Owner, J. F. Shea; occupier, D. A. Hill. Restaurant. Fumigating. Value, contents, \$1,500. Loss, contents, \$200.
- July 30, 12:57 P. M. Box 14—7 Second N., 4-story brick. Owner, J. F. Shea; occupier, Chas. Foster. Saloon. Fumigating. Value, contents, \$1,500. Loss, contents, \$201.
- July 30, 12:57 P. M. Box 14—245 Ankeny, 4-story brick. Owner, J. F. Shea; occupier, N. W. Importing Co. Coffee and spices. Fumigating. Value, contents, \$1,350. Loss, contents, \$252.
- July 30, 12:57 P. M. Box 14—247 Ankeny, 4-story brick. Owner, J. F. Shea; occupier, H. Hirschberger. Sheet metal works. Fumigating. Value, contents, \$8,500. Loss, contents, \$523.
- July 30, 1:34 P. M. Phone—Seventh and Hoyt. Rubbish. Cause, unknown.

- July 30, 4 P. M. Still—352 Morrison, 5-story brick rooming house. Furnace smoking.
- July 30, 5:10 P. M. Box 542—68 Front. False alarm.
- July 30, 7:30 P. M. Phone—41 Union avenue, 2-story brick grocery. Oil lamp.
- July 30, 9:50 P. M. Box 25—Rear of 469 Northrup, 1-story frame wood shed. Matches.
- July 31, 9:21 A. M. Phone—177 Sherman. Dwelling. Burning flue.
- July 31, 9:51 A. M. Phone—Burnside Bridge, east end. Rubbish in street.
- July 31, 7:35 P. M. Phone—111 Sixth, 2-story brick music store. Burning flue.
- July 31, 10 P. M. Box 317—340 Williams avenue. Rubbish on street.
- July 31, 10:05 P. M.—Fourth and Ankeny. False alarm.
- August 1, 3:35 P. M. Box 62—102 Fourth, N., 1-story frame. Owner, B. Trenkman & Co. Office. Spontaneous combustion. Value building, \$700; contents, \$3,000. Loss, contents, \$25.
- August 1, 8:40 P. M. Phone—441 E. Morrison, 1½-story frame dwelling. Burning flue.
- August 2, 1:05 A. M. Box 63—124 Twelfth, 2-story frame tailor shop. Overheated stove.
- August 2, 1:07 P. M. Phone—Eighteenth and Going. Rubbish in street.
- August 2, 5:05 P. M. Phone—Twenty-sixth and Belmont. Rubbish in street.
- August 3, 2:45 A. M. Phone—Oronta and Railroad, 2-story frame. Owner, W. McVey. Dwelling. Cause, matches. Value, building, \$1,000; contents, \$300. Loss, contents, \$10.
- August 3, 2:40 P. M. Phone—West avenue and Montavilla. False alarm.
- August 3, 5:20 P. M. Phone—Twenty-sixth and Belmont. Rubbish in street.
- August 4, 1:45 P. M. Box 135—305½ Stark, 2-story frame. Owner, Mrs. M. Brady; occupier W. G. Rowen. Repair shop. Cause, electric wires. Value, building, \$1,500. Contents, \$2,000. Loss, building, \$65; contents, \$297.
- August 4, 1:45 P. M. Box 135—305½ Stark, 2-story frame, second floor.

- Owner, Mrs. M. Brady; occupier, A. Wohlers. Lodging house. Electric wires. Value, contents, \$400. Loss, contents, \$50.
- August 4, 1:45 P. M. Box 135—307 Stark, 2-story frame. Owner Mrs. M. Brady; occupier, P. W. Harris. Restaurant adj. fire. Value, building, \$1,200; contents, \$400. Loss, building, \$15.
- August 4, 1:45 P. M. Box 135—93 Fifth, 2-story frame. Owner, Mrs. M. Brady; occupier, Mrs. P. A. Vucash. Restaurant, adj. fire. Value, building, \$1,500; contents, \$2,000. Loss, building, \$10.
- August 4, 4:26 P. M. Phone—Front and Thurman. Dump. Bonfire.
- August 5, 9:42 A. M. Phone—Seventh and Hoyt. Rubbish. Unknown.
- August 5, 12:53 P. M. Box 236—161 Union avenue N., 1-story frame. Owner, G. A. Nitschke; occupiers, Senn & Nitschke. Marble works. Spontaneous combustion. Value, building, \$1,500; contents, \$2,500. Loss, building, \$871.50; contents, \$2,000.
- August 5, 1:35 P. M. Phone—Sixth and Caruthers. Burning grass.
- August 6, 2:35 P. M. Phone—271 Pine. False alarm.
- August 7, 2:36 P. M. Phone—614 E. Twenty-sixth, 1½-story frame. Owner, M. F. Schmichtenberg. Dwelling. Children, matches. Value, building, \$1,500; contents, \$1,000. Loss, building, \$40; contents, \$100.
- August 7, 6:40 P. M. Still—794 Water, 2-story frame. Owner, H. H. Steinporth; occupier, M. Ketchner. Dwelling. Gasoline stove. Value, building, \$3,500; contents, \$1,000. Loss, building, \$12.
- August 7, 7:48 P. M. Still—301 E. Washington, 2-story frame dwelling. Burning flue.
- August 8, 8:55 P. M. Phone—228½ Washington, 3-story brick lodging house. Cause, overheated stove.
- August 11, 5:40 P. M. Box 237—Larrabee and Holladay. False alarm.
- August 12, 10:54 A. M. Phone—506 Everett, 2-story frame dwelling. Burning flue.
- August 12, 9:40 P. M. Phone—Larrabee and McMillan, tar pot. Boiling tar.
- August 13, 10:24 A. M. Phone—374 Third, 3-story frame rooming house. Lace curtains.
- August 13, 9:03 P. M. Box 215—293½ Union avenue, 3-story frame hotel. Matches.
- August 13, 11:13 P. M. Box 135—291½ Stark, 2-story frame. Owner,

- Mrs. C. Loeb; occupier, Chas. Jacobs. Shirt factory. Cause electric iron. Value, building, \$2,500; contents, \$2,300. Loss, building, \$295.95; contents, \$818.81.
- August 14, 6:21 P. M. Phone—288 Jefferson, 2-story frame. Owner, H. C. Brandes; occupier, J. Colby. Dwelling. Sparks, chimney. Value, building, \$1,500; contents, \$800. Loss, building, \$12.
- August 15, 11:34 A. M. Phone—402 Clay, 1-story frame dwelling. Burning flue.
- August 15, 2:07 P. M. Still—Foot of Seymour, burning grass.
- August 15, 2:45 P. M. Phone—127 Eleventh. False alarm.
- August 15, 9:30 P. M. Box 131—69 Sixth, 2-story brick. Owners, Arata Bros. Wholesale liquors. Electric wires. Value, building, \$13,000; contents, \$10,000. Loss, building, \$250; contents, \$1,600.
- August 15, 9:30 P. M. Box 131—71 Sixth, 2-story brick. Owners, Arata Bros.; occupier, Campbell & Evans. Wholesale cigars. Electric wires. Value, contents, \$13,000. Loss, contents, \$825.75.
- August 15, 10:02 P. M. Still—1157 Kerby, 1-story frame. Owner, O. Gordon. Dwelling. Unknown. Value, building, \$1,250; contents, \$300. Loss, building, \$1,250; contents, \$300.
- August 15, 10:02 P. M. Still—1163 Kerby, 1-story frame. Owner, C. J. Anderson. Dwelling. Adj. building. Value building, \$1,100; contents, \$600. Loss, building, \$1,100; contents, \$600.
- August 16, 1:09 P. M. Phone—Milwaukie & Harold. Burning grass.
- August 16, 2:05 P. M. Box 356—Foot of Hancock, burning grass.
- August 16, 6:05 P. M. Still—144 Second, 2-story brick printing office. Spontaneous combustion.
- August 16, 11:15 P. M. Phone—Larrabee and Dupont. Burning grass.
- August 17, 2:55 A. M. Phone—University Mill, 1-story frame. Owner, University L. & S. Co. Saw mill. Cause, unknown. Value, building, \$6,000; contents, \$2,500. Loss, building, \$200; contents, \$500.
- August 18, 11:55 A. M. Still—133 Fourth, 1-story frame. Vacant. Electric wires.
- August 18, 2:55 A. M. Still—Fifth and Morrison, wagon. Gasoline.
- August 18, 3:05 P. M. Still—131 Fourth, 2-story frame lodging house. Electric wires.
- August 18, 7:35 P. M. Phone—Foot of Fifteenth, dump. Spontaneous combustion.

- August 19, 12:30 A. M. Phone—Twenty-sixth and Powell. Broken trolley wire.
- August 19, 6:45 P. M. Phone—577 Williams avenue, 1-story frame. Owner, A. B. Manley; occupier, H. Bourn. Blacksmith sbop. Cause, unknown.
- August 20, 11:41 A. M. Box 45—Seventh and Hoyt, lumber pile. Bonfire.
- August 20, 5:34 P. M. Phone—Arbor Lodge. Burning brush.
- August 20, 6:11 P. M. Phone—441 East Main, 1-story frame. Owner, National Iron Works. Foundry. Defective forge. Value, building, \$800; contents, \$4,000. Loss, building, \$10.
- August 20, 7:35 P. M. Phone—Twentieth and Savier. False alarm.
- August 21, 10:50 P. M. Still—284½ Yamhill, 2-story frame lodging house. Lamp upset.
- August 22, 10:55 A. M. Box 271—706 Smith, 1½-story frame. Owner, M. Jacobson. Dwelling. Defective wires. Value, building, \$1,500; contents, \$1,200. Loss, building, \$15; contents, \$10.
- August 22, 5:01 P. M. Still—9 Second, N., 3-story brick lodging house. Fumigating.
- August 22, 8:45 P. M. Box 146—Fifth and Johnson. Owner, O. R. & N. Co. R. R. car No. 501. Gas leak. Value, car, \$14,126. Loss, \$25.
- August 23, 7:22 P. M. Box 237—283 Larrabee, 1-story frame dwelling. Burning flue.
- August 27, 1:16 P. M. Phone—175 Sixteenth, 2-story frame dwelling. Burning flue.
- August 27, 7:37 P. M. Phone—588 Second, 1-story frame dwelling. Burning flue.
- August 29, 11:00 A. M. Phone—309 Alder, 3-story brick club house. Electric wires.
- August 29, 7:05 P. M. Phone—735 Hoyt, 2-story frame dwelling. Sparks, chimney.
- August 29, 10:30 P. M. Box 258—Inman-Poulsen Mill, 2-story frame. Owner, P. Ry., L. & P. Co. Sawdust shed. Cause, hot journal. Value, building, \$3,700; contents, \$1,500. Loss, contents, \$10.
- August 30, 11:24 A. M. Phone—91½ Sixth, N., 3-story brick hotel. Burning flue.

- August 30, 11:28 A. M. Box 142—245 Burnside, 2-story frame. Owner, H. Eberhardt; occupier, H. Fritz. Saloon. Electric wires. Value, building, \$5,000; contents, \$10,000. Loss, contents, \$50.
- August 30, 8:40 P. M. Phone—Eleventh and Northrup, dump. Bonfire.
- August 31, 3:40 P. M. Phone—181 Fourteenth, 2½-story frame. Owner, J. P. Finley; occupier, E. O. Whittlesby. Dwelling. Electric wires. Value, building, \$8,000; contents, \$2,000. Loss, building, \$65.
- September 1, 2:56 P. M. Box 17—26 Eighth, N., 2-story frame. Owner, A. Jubits; occupier, W. M. Miller. Dwelling. Sparks, chimney. Value, building, \$2,500; contents, \$700. Loss, building, \$27.90.
- September 3, 3:38 A. M. Box 25—253 Fourteenth, N., 1-story frame dwelling. Smoking.
- September 3, 3:12 P. M. Box 125—266 Mill, 2-story frame. Owner, P. Lorate; occupier, R. L. Watterson. Tailor shop. Gasoline. Carelessness. Value, building, \$7,000; contents, \$500. Loss, building, \$2,000; contents, \$500.
- September 3, 3:12 P. M. Box 125—264 Mill, 2-story frame. Owner, P. Lorate; occupier, I. Russ. Store room. Gasoline. Carelessness. Value, contents, \$200. Loss, contents, \$200.
- September 3, 3:12 P. M. Box 125—361-363 Third, 2-story frame. Owner, P. Lorate; occupier, Sims. Grocery store. Gasoline. Carelessness. Value, contents, \$1,000. Loss, contents, \$100.
- September 3, 3:12 P. M. Box 125—264½ Mill, 2-story frame. Owner, P. Lorate; occupier, A. Maning. Lodging house. Gasoline. Carelessness. Value, contents, \$2,500. Loss, contents, \$350.
- September 5, 6:50 P. M. Phone—Front and Hull. False alarm.
- September 6, 10:27 A. M. Phone—248 Sherman, 1-story frame dwelling. Burning flue.
- September 7, 3:16 P. M. Box 235—48 Grand avenue, N., 1-story frame. Owner, Gelinsky & Hilderman. Smoke house. Cause, sparks. Value, building, \$15; contents, \$185. Loss, building, \$15; contents, \$185.
- September 7, 9:02 P. M. Phone—Fifth and Sheridan. False alarm.
- September 8, 3:15 A. M. Box 234—Sixth and East Stark, rubbish.
- September 8, 12:02 P. M. Still—Head of Gibbs. Brush fire.
- September 8, 12:16 P. M. Phone—Sixteenth and Alberta. Burning grass.

- September 8, 12:55 P. M. Phone—Fourteenth and Savier, dump. Bonfire.
- September 8, 2:54 P. M. Phone—Front and Pettygrove, dump. Bonfire.
- September 8, 2:58 P. M. Still—Front and Boundary. Brush fire.
- September 8, 3:55 P. M. Phone—Rose City Park. Brush fire.
- September 9, 1:25 A. M. Box 214—Madison Bridge, east end bridge. Cause, cigar.
- September 9, 10:02 A. M. Box 62—131 Third, N., 5-story brick. Owner, J. and S. Simon. Under construction. Value, building, \$55,000. Loss, building, \$24,256.70.
- September 9, 12:15 P. M. Phone—244 Flanders, 2-story frame lodging house. Sparks, chimney.
- September 10, 2:20 P. M. Box 91—Sherlock avenue, N., 3-story brick. Owner, Portland Linseed Oil Works. Oil works. Cause, unknown. Value, building, \$15,000; contents, \$44,400. Loss, building, \$4,215; contents, \$11,491.50.
- September 10, 2:20 P. M. Box 91—Sherlock avenue, N., 1-story frame. Owner, Portland Linseed Oil Works. Warehouse. Adj. fire. Value, building, \$1,000; contents, \$13,200. Loss, building, \$140; contents, \$867.
- September 10, 7:20 P. M. Phone—533 East Ankeny. Rubbish in street.
- September 10, 11:23 P. M. Phone—641 Second, 1-story frame dwelling. Burning flue.
- September 11, 10:30 A. M. Still—208 East Thirty-fifth, 1-story frame. Owner, W. Green; occupier, Wm. Henry. Dwelling. Cause, coal oil stove. Value, building, \$1,200; contents, \$500. Loss, building, \$45.
- September 11, 2:50 P. M. Box 312—511 Goldsmith, 2-story frame. Owner, J. P. Williams; occupier, J. N. Davis. Lodging house. Defective flue. Value, building, \$1,800; contents, \$1,000. Loss, building, \$500; contents, \$195.
- September 11, 2:50 P. M.—512 Delay, 1-story frame. Owner, C. A. Walter. Dwelling. Sparks, adj. fire. Value, building, \$1,500; contents, \$600. Loss, building, \$10.
- September 11, 2:50 P. M.—105½ Russell, 1-story frame. Owner, A. B. Manley; occupier, C. W. Babcock. Barber shop. Sparks, adj. fire. Value, building, \$100; contents, \$200. Loss, building, \$20.
- September 11, 2:50 P. M. Box 312—506 Delay, 2-story frame. Owner,

- B. Saboliski. Saloon. Sparks, adj. fire. Value, building, \$1,500; contents, \$1,500. Loss, building, \$72.
- September 11, 2:50 P. M. Box 312—118 Russell, 2-story frame rooming house. Sparks, adj. fire.
- September 11, 3:50 P. M. Box 17—35 Fifth, N., 3-story frame. Owner, Oregon Annex Co.; occupier, F. W. Lambert. Restaurant. Overheated flue. Value, building, \$10,000; contents, \$900. Loss, building, \$10; contents, \$15.
- September 11, 3:20 P. M. Still—1709 Sherrett avenue, 1-story frame dwelling. Children, matches.
- September 11, 9:15 P. M. Phone—93 Tenth, 2-story frame dwelling. Burning flue.
- September 12, 6:58 P. M. Box 95—Front and Colton, 2-story frame saw mill. Hot journal.
- September 12, 7:55 P. M. Box 98—Thirty-first and Thurman, bridge. Electric wires.
- September 13, 5:15 P. M. Phone—Head of Flanders, forest. Forest fire.
- September 13, 7:05 P. M. Box 75—625½ First, 2-story frame. Owner, Mrs. D. Whalen; occupier, A. Goldblatt. Dwelling. Overheated stove. Value, building, \$2,000; contents, \$500. Loss, building, \$12; contents, \$75.
- September 14, 4:35 A. M. Phone—Tenth and Lovejoy, northeast corner, 2-story frame. Owner, Warren Construction Co. Paving plant. Unknown. Value, building, \$500; contents, \$19,000. Loss, building, \$100; contents, \$200.
- September 14, 3:14 P. M. Still—265 Stark, canvas awning. Cause, cigar. Value, \$30. Loss, \$16.
- September 15, 8:03 A. M. Phone—Head of Flanders, forest. Forest fire.
- September 16, 1:40 A. M. Still—East Eighth and Sherman, electric pole. Crossed wires.
- September 16, 9:47 P. M. Box 46—546½ Washington, 2-story frame. Owner, Bauer, Lewis & Reidel; occupier, G. B. Kindson. Barber shop. Unknown. Value, building, \$25,500; contents, \$1,500. Loss, building, \$638.85; contents, \$392.57.
- September 16, 9:47 P. M. Box 46—548 Washington, 2-story frame. Owner, Bauer, Lewis & Reidel; occupier, J. P. Tuley. Clothes cleaner. Unknown. Value, contents, \$550. Loss, contents, \$222.30.

- September 16, 9:47 P. M.—548½ Washington, 2-story frame. Owner, Bauer, Lewis & Reidel; occupier, Mrs. M. L. Slocum. Lodging house. Cause, unknown. Value, contents, \$8,000. Loss, contents, \$76.85.
- September 17, 9:07 A. M. Phone—Eleventh and Northrup, dump. Bonfire.
- September 17, 10:20 A. M. Phone—Third and Alder, wagon. Gasoline leak.
- September 17, 12:03 P. M. Phone—First and Yamhill. False alarm.
- September 19, 8:53 P. M. Phone—256 Sixth, 3-story frame. Owner, H. W. Lempke; occupier, Mrs. L. S. Robbins. Lodging house. Oil stove. Value, building, \$5,000; contents, \$1,300. Loss, building, \$60; contents, \$8.50.
- September 19, 11:50 P. M. Box 9—81 Park, N., 2-story frame. Owner, Pacific Metal Works; occupier, Sam Mackin. Dwelling. Lamp explosion. Value, building, \$2,000; contents, \$300. Loss, building, \$56.70; contents, \$80.
- September 24, 12:55 P. M. Phone—Killingsworth and Mallory, 1½-story frame dwelling. Burning flue.
- September 24, 12:58 P. M. Still—568 Glisan, 2-story frame dwelling. Burning flue.
- September 24, 10:26 P. M. Box 142—Rear of 33 Third, N., 2-story frame. Owner, E. Corbett Estate; occupier, Wm. Camday. Dwelling. Sparks, chimney. Value, building, \$2,000; contents, \$500. Loss, building, \$248; contents, \$50.
- September 25, 6:55 P. M. Phone—211 Fourth. False alarm.
- September 27, 4:33 P. M. Box 342—624 Gantenbein, 2-story frame. Owner, L. Y. Keady; occupier, N. P. Folen. Dwelling. Cause, unknown. Value, building, \$3,400; contents, \$900. Loss, building, \$844.90; contents, \$500.
- September 28, 5:14 P. M. Box 7—265 Sixth, 3-story frame dwelling. Carelessness.
- September 29, 5:17 A. M. Box 13—247 Alder, 2-story brick. Owner, Lee Lang; occupier, Dahl & Eide. Saloon. Electric wires. Value, building, \$20,000; contents, \$1,500. Loss, building, \$20; contents, \$65.60.
- September 29, 4:00 P. M. Phone—510 East Twenty-third, 1½-story frame dwelling. Oil stove.

- September 29, 7:25 P. M.. Box 32—497 Jefferson, 2-story frame dwelling. Burning flue.
- September 30, 11:05 P. M. Still—481 Glisan, 4-story brick sash and door factory. Cause, oily waste.
- September 30, 11:14 P. M. Box 214—192 East Water, 2-story frame. Owner, Multnomah T. & B. Co.; occupier, East Side B. & T. Co. Box factory. Cause, defective firebox. Value, building, \$300; contents, \$1,125. Loss, building, \$250; contents, \$310.
- October 1, 1:55 A. M. Box 26—341 Sixteenth, N., 2-story frame. Owner C. C. Smith; occupier, A. Nysti. Saloon. Cause, unknown. Value building, \$4,000; contents, \$1500. Loss building, \$210; contents, \$624.10.
- October 2, 12:50 P. M. Phone—34 Front. False alarm.
- October 2, 11:02 P. M.. Box 8—Rear of 471 Morrison, 1-story frame woodshed. Matches.
- October 3, 7 P. M. Phone—312 Oak, 3-story brick boarding-house. Burning flue.
- October 4, 2:15 A. M. Box 92—Foot of Quimby, 2-story frame coal bunkers. Spontaneous combustion.
- October 4, 7 A. M. Box 45—122 Seventh, N., 2-story frame. Owner, B. Hagedorn; occupier, L. C. Roll. Lodging house. Smoking. Value building, \$4,000; contents, \$500. Loss contents, \$26.
- October 4, 9:30 A. M. Still—Williams avenue and Knott. Man in wires. Dead.
- October 5, 5:47 P. M. Still—Cole, between Seventeenth and Eighteenth. False alarm.
- October 6, 4:02 P. M. Phone—O. R. & N. shops. Oil, room. Oily waste.
- October 6, 7:43 P. M. Box 75—Head of Sixth. Owner, J. P. Flinn. Rock crusher. Unknown. Value building, \$500; contents, \$3,000. Loss, crusher \$500; contents, \$1,800.
- October 7, 12:05 P. M. Box 69—Southeast corner Twentieth and Wil-son, 1-story frame dwelling. Cause, sparks stove.
- October 7, 1:35 P. M. Phone—173 First, 3-story brick furniture store. Cause, cigar.
- October 7, 7:05 P. M. Phone—Fourth and Ankeny. False alarm.
- October 10, 8:12 A. M. Still—127 Lounsdale, 2-story frame, tailor shop. Defective flue.

- October 10, 4:55 P. M.—Twenty-third and Savier. False alarm.
- October 10, 8:20 P. M. Box 142—50½ Third, N., canvas awning. Crossed wires. Value, \$10. Loss, \$10.
- October 11, 6:30 A. M. Box 95—Front and Colton, 2-story frame. Owners, Eastern & Western Lumber Co., sawmill. Hot journal. Value building, \$210,000. Loss building, \$127.04.
- October 12, 3:53 A. M. Box 28—32 Twelfth, N., 2-story brick engine room. Electric wires.
- October 12, 6:10 P. M. Phone—Fifteenth and Front. False alarm.
- October 13, 10:52 P. M. Phone—390 Jefferson. False alarm.
- October 14, 3:05 A. M. Box 51—201½ Third, 2-story frame lodging house. Cause, smoke from chimney.
- October 14, 4:39 P. M. Phone—1390 Mallory, 1-story frame dwelling. Burning flue.
- October 18, 2:23 A. M. Box 181—455 Alder, 5-story frame. Owner, Mrs. H. M. Rieman; occupier, Mrs. C. D. Brown. Hotel. Cause, unknown. Value building, \$25,000; contents, \$10,000. Loss building, \$322.66; contents, \$190.
- October 18, 10:47 A. M. Box 51—227 Salmon, 1-story frame. Owner, T. Woodard; occupier, Pairier & Coper. Blacksmith shop. Sparks chimney. Value building, \$300. Contents, \$250. Loss building, \$50.
- October 19, 7:40 P. M. Box 79—1031 Macadam, 1½-story frame. Owner, M. A. Glohn; occupier, Mrs. C. Cole. Dwelling. Overturned lamp. Value building, \$1,500; contents, \$800. Loss building, \$227; contents, \$204.
- October 19, 7:47 P. M. Phone—361½ Third, 2-story frame lodging house. Burning flue.
- October 20, 11:24 A. M. Still—527 Burnside, 2-story frame automobile garage. Gasoline explosion.
- October 20, 11:28 A. M. Phone—Twenty-second and Pettygrove. False alarm.
- October 21, 10 A. M. Phone—Twenty-third and Umatilla, 1-story frame. Owner, James McDole. Denatured alcohol still. Carelessness. Value still, \$500; contents, \$1,250. Loss still, \$250; contents, \$1,000.
- October 22, 9:34 A. M. Phone—324 Fourth, 2-story frame. Owner, T. Meacher; occupier, Mrs. A. McKinnon. Dwelling. Defective flue. Value building, \$1,000; contents, \$600. Loss building, \$90.

- October 22, 8:32 P. M. Phone—Sixth and Alder. Electric light pole. Crossed wires.
- October 22, 8:38 P. M. Phone—71 Trinity Place, 2-story frame dwelling. Burning flue.
- October 22, 8:43 P. M. Still—Twenty-first and Washington. False alarm.
- October 23, 4:46 A. M. Box 161—Foot of Oak. Owner, Open River Transportation Co. Steamboat. Fuel oil explosion. Value boat, \$40,000; contents, \$5,000. Loss boat, \$21,700; contents, \$4,800.
- October 23, 7:15 A. M. Phone—249 Salmon. False alarm.
- October 23, 7:20 P. M. Phone—69 Sixth, 2-story brick lodging house. Sparks stack.
- October 24, 7:36 A. M. Phone—414 Market, 2-story frame dwelling. Burning flue.
- October 24, 5:20 P. M. Box 145—206 Seventeenth, N., 1-story frame dwelling. Burning flue.
- October 26, 8:34 P. M. Box 131—324 Washington, 5-story brick, shoe store. Cause, escaping steam.
- October 27, 2:12 A. M. Box 142—245 Burnside, 2-story frame lodging house. Smoking.
- October 27, 4:18 P. M. Phone—85 West Park, 2-story frame dwelling. Burning flue.
- October 27, 7:39 P. M. Box 26—375 Sixteenth, N., 3-story frame, saloon. Defective flue.
- October 27, 10:35 P. M. Phone—11 East Eleventh, N., 1½-story frame dwelling. Burning flue.
- October 28, 5:56 P. M. Phone—285 Twenty-first, N., 2½-story frame dwelling. Burning flue.
- October 29, 2 P. M. Phone—Second and East Morrison. Rubbish.
- October 31, 1:30 P. M. Phone—Front and Yamhill. False alarm.
- October 31, 5:43 P. M. Box 145—193 Fifteenth, N., 2-story frame dwelling. Burning flue.
- October 31, 6:28 P. M. Box 54—251 Ankeny, 2-story frame. Owner, C. Burk estate; occupier, Mrs. M. L. Druly. Restaurant. Unknown. Value building, \$1,500; contents, \$2,000. Loss, building, \$1,500; contents, \$800.
- October 31, 6:28 P. M. Box 54—249 Ankeny, 2-story frame. Owner,

- C. Burk estate; occupier, Sing Lung. Laundry. Adj. fire. Value building, \$700; contents, \$400. Loss building, \$15.
- October 31, 6:28 P. M. Box 54—4½ Third, N., 2-story frame. Owner, C. Burk estate; occupier, Maud F. Wilson. Lodging house. Adj. fire. Value building, \$3,100; contents, \$650. Loss building, \$906; contents, \$363.50.
- October 31, 6:28 P. M. Box 54—4 Third, N., 2-story frame. Owner, C. Burk estate; occupier, M. Gale. Second hand store. Adj. fire. Value contents, \$2,000. Loss contents, \$500.
- October 31, 6:28 P. M. Box 54—2 Third, N., 2-story frame. Owner, C. Burk estate; occupier, J. Glickman. Liquor store. Adj. fire. Value contents, \$4,000. Loss contents, \$247.50.
- October 31, 6:28 P. M. Box 54—6 Third, N., 2-story frame. Owner, C. Burk estate; occupier, J. Byma. Fruit stand. Adj. fire. Value contents, \$100. Loss contents, \$30.
- October 31, 6:28 P. M. Box 54—8 Third, N., 2-story frame. Owner, C. Burk estate; occupier, Wah Hing & Co. Tailor shop. Value contents, \$3,000. Loss contents, \$692. Adj. fire.
- October 31, 11:23 P. M. Phone—251 Ankeny, 2-story frame. Ruins. Smoldering fire.
- November 1, 7:06 P. M. Phone—312 Oak, 3-story brick boarding-house. Burning flue.
- November 1, 7:38 P. M. Phone—326 Washington, 3-story frame livery stable. Burning flue.
- November 2, 4:49 P. M. Box 235—421 East Couch, 1-story frame. Owner, A. G. Hughson; occupier, R. Price. Dwelling. Sparks chimney. Value building, \$900; contents, \$100. Loss building, \$20.
- November 3, 11:43 A. M. Phone—460 East Clay, 1-story frame dwelling. Burning flue.
- November 4, 10:05 A. M. Phone—122 Sixth, 2-story frame saloon. Defective flue.
- November 4, 11:32 A. M. Phone—300 Jefferson, 2½-story frame dwelling. Burning flue.
- November 4, 6:58 P. M. Still—269 Front, 3-story brick. Owner, A. H. Burrell; occupier, N. C. Fertig. Clothing store. Cause, unknown. Value building, \$10,000; contents, \$3,000. Loss building, \$50; contents, \$762.

- November 5, 4:35 A. M. Box 137—722 Madison, 2-story frame. Owner, A. S. Pattullo. Dwelling. Carelessness. Value building, \$6,500; contents, \$3,000. Loss building, \$1,200; contents, \$2,350.
- November 5, 7:20 A. M. Phone—282 Munro, 1½-story frame dwelling. Overheated stove.
- November 6, 10:25 P. M. Still—445 East Clay, 1-story frame. Owner, T. Collinson; occupier, A. L. Raymond. Dwelling. Overturned lamp. Value building, \$1,000; contents, \$500. Loss building, \$5; contents, \$25.
- November 7, 11:20 A. M. Box 13—Foot of Washington. Steamboat "Columbia." Fuel oil explosion.
- November 7, 5:20 P. M. Phone—894 Minnesota, 1-story frame dwelling. Burning flue.
- November 8, 6:15 P. M. Box 79—Multnomah Box Factory. Owners, Multnomah Box Factory. Lumber yard. Cause, cigarette. Value building \$4,100; contents, \$30,000. Loss building, \$151; contents, \$2,933.82.
- November 8, 6:45 P. M. Phone—195 Park, 2-story frame dwelling. Burning flue.
- November 9, 5:23 P. M. Box 326—717 Vancouver, 2-story frame dwelling. Burning flue.
- November 9, 5:32 P. M. Still—250 First, 1-story frame bath house. Overheated chimney.
- November 10, 7:45 P. M. Still—174 Gibbs, 1-story frame dwelling. Burning flue.
- November 10, 8:35 P. M. Box 53—193 West Park, 3-story frame. Owner, H. E. Dosch; occupier, Mrs. J. Muldoon. Lodging house. Unknown. Value building, \$3,000; contents, \$1,000. Loss building, \$50; contents, \$35.
- November 11, 5:45 P. M. Phone—441 Third, 2½-story frame dwelling. Burning flue.
- November 12, 6:25 P. M. Box 29—75 Twenty-second, N., 2-story frame dwelling. Burning flue.
- November 12, 9:10 P. M. Box 235—49 East Sixth, N., 1-story frame. Owner, Chas. Arata; occupier, John Ludewell. Dwelling. Cause, unknown. Value building, \$25. Loss, \$25.
- November 12, 9:42 P. M. Phone—Rear of 89 Sixth. Rubbish. Spontaneous combustion.

- November 12, 10:20 P. M. Still—528 Lexington, 1½-story frame dwelling. Burning flue.
- November 14, 7:10 A. M. Phone—132 Third, 2-story brick, ticket office. Cause, smoking furnace.
- November 14, 7:45 P. M. Still—263 Morrison, 3-story brick. Owner, C. A. Alisky; occupier, Sam Rosenblatt & Co. Clothing store. Electric iron. Value building, \$65,000; contents, \$60,000.
- November 15, 11:33 P. M. Box 31—First and Hooker. Owner, Portland R. L. & P. Co. Electric light pole. Crossed wires.
- November 17, 4:55 P. M. Phone—82½ Second, 3-story brick, restaurant. Burning flue.
- November 18, 1:23 P. M. Phone—19 East Thirty-first, 2-story frame dwelling. Burning flue.
- November 18, 6:50 P. M. Phone—772 East Couch, 1-story frame dwelling. Burning flue.
- November 18, 8 P. M. Still—264 First, 3-story brick, restaurant. Burning flue.
- November 19, 6:12 A. M. Still—460 Going, 1½-story frame dwelling. burning flue.
- November 19, 12:14 P. M. Box 53—211 Park, 1½-story frame dwelling. Oil stove.
- November 19, 2:43 P. M. Box 79—972 Macadam, 2-story frame, sash and door factory. Sparks stack.
- November 19, 11:13 P. M. Box 15—3½ Second, N., 4-story brick. Owner, J. F. Shea; occupier, A. N. Fosdick. Restaurant. Defective range. Value building, \$50,000; contents, \$1,000. Loss building, \$54; contents, \$10.
- November 19, 11:20 P. M. Box 27—555 Davis, 2-story frame. Owner, Paul Wessinger. Dwelling. Carelessness. Value building, \$14,000; contents, \$15,000. Loss building, \$1,148.70; contents, \$1,750.
- November 20, 3:25 P. M. Phone—321 Sixth, 2-story frame dwelling. Overheated furnace.
- November 21, 6:38 A. M. Box 32—261 Fourteenth, 1-story frame. Owner, A. B. Steinbach; occupier, H. H. Northup. Dwelling. Carelessness. Value building, \$2,500; contents, \$1,500. Loss building, \$96. Contents, \$65.
- November 22, 1:03 P. M. Box 234—112 Grand avenue, 1-story frame, plumbing shop. Cause, carelessness.

- November 22, 4:58 P. M. Phone—348 Oak, 2-story frame dwelling. Burning flue.
- November 23, 12:55 P. M. Phone—1045 East Tenth, 1-story frame dwelling. Burning flue.
- November 23, 5:10 P. M. Still—641 Williams avenue, 1-story frame dwelling. Burning flue.
- November 23, 6:13 P. M. Still—820 Water, 1½-story frame dwelling. Burning flue.
- November 23, 6:19 P. M. Phone—504 Bidwell, 1½-story frame dwelling. Burning flue.
- November 23, 6:22 P. M. Phone—1020 East Market, 2-story frame dwelling. Burning flue.
- November 23, 6:34 P. M. Phone—979 East Yamhill, 1½-story frame dwelling. Burning flue.
- November 24, 8:48 A. M. Phone—189 Fifth, 2½-story frame dwelling. Burning flue.
- November 25, 12:13 A. M. Phone—Sixth and Glisan. Electric light pole. Crossed wires.
- November 25, 1 A. M. Box 312—Foot of Russell. Electric light pole. Crossed wires.
- November 25, 6:21 A. M. Phone—342 San Rafael, 2-story frame dwelling. Burning flue.
- November 25, 5 P. M. Box 37—621 Fourth, 2-story frame dwelling. Burning flue.
- November 25, 5:55 P. M. Phone—641 East Seventeenth, 1½-story frame dwelling. Burning flue.
- November 25, 6 P. M. Phone—477 East Eleventh, 2-story frame dwelling. Burning flue.
- November 26, 9:05 P. M. Phone—108 Carolina, 1-story frame. Owner, F. Desiata; occupier, M. R. Hason. Wood shed. Cause, unknown. Value building, \$40; contents, \$15. Loss building, \$40; contents, \$15.
- November 27, 5:20 P. M. Still—1221 Garfield, 2-story frame dwelling. Smoking furnace.
- November 27, 9:37 P. M. Phone—32 Seventh, N., 2-story frame dwelling. Sparks chimney.

- November 28, 8:24 P. M. Phone—369 Washington, 2-story brick. Vacant. Spontaneous combustion.
- November 30, 1:09 P. M. Phone—Thirteenth and Columbia, 1-story frame. False alarm.
- November 30, 4:10 P. M. Phone—446 Tenth, 2-story frame dwelling. Burning flue.
- December 1, 7:44 A. M. Phone—235 Twenty-first, N., 2-story frame dwelling. Open flue.
- December 2, 4:55 A. M. Box 16—Rear of 94 Front, N., 2-story brick. Owner Portland Gas Co. Generator building. Leaking oil pipe. Value building, \$40,000. Loss building, \$75.
- December 2, 5:32 A. M. Phone—310 Sherman, 2-story frame dwelling. Burning flue.
- December 2, 6:38 A. M. Still—489½ Washington, 2-story frame apartment house. Gas explosion.
- December 2, 9:29 P. M. Phone—549 Milwaukie, 2-story frame dwelling. Burning flue.
- December 3, 12:05 A. M. Phone—106½ Third, N., 1-story frame, harbor shop. Matches.
- December 3, 9:56 A. M. Box 63—135 Eleventh, 2-story frame. Owner, P. J. Main; occupier, Mrs. L. Bearslee. Dwelling. Cause, unknown. Value building, \$2,500; contents, \$550. Loss building, \$152; contents, \$60.
- December 3, 6:47 P. M. Phone—730 Northup, 2½-story frame dwelling. Burning flue.
- December 3, 7:45 P. M. Phone—41 Goodsell, 2½-story frame dwelling. Burning flue.
- December 4, 5:12 A. M. Phone—1034 East Main, 1½-story frame dwelling. Burning flue.
- December 4, 7:25 A. M. Still—Second and East Oak. Accident. Cow in ditch.
- December 4, 12:35 P. M. Phone—350 East Second, 1½-story frame dwelling. Burning flue.
- December 5, 9:52 A. M. Phone—115 West Park, 2-story frame dwelling. Burning flue.
- December 6, 5:33 P. M. Box 327—365 Morris, 1-story frame dwelling. Burning flue.

- December 7, 6:28 P. M. Box 92—Eighth and Marshall, 1-story frame. Owner, N. P. Terminal Co. Yard office. Defective flue. Value building, \$300; contents, \$100. Loss building, \$200; contents, \$100.
- December 7, 11 P. M. Phone—312 Oak, 3-story brick boarding house. Burning flue.
- December 8, 12:02 P. M. Phone—101 East Eleventh, 1½-story frame dwelling. Burning flue.
- December 8, 7:23 P. M. Phone—Fifth and Montgomery. False alarm.
- December 8, 7:28 P. M. Phone—372½ First, 3-story frame lodging house. Overheated stove.
- December 9, 10:32 A. M. Box 68—Twenty-sixth and Thurman. False alarm.
- December 9, 11:21 A. M. Box 12—187 Morrison, 2-story frame. Owner, Meier & Frank; occupier, Jones & Maher. Restaurant. Cause, spontaneous combustion. Value building, \$12,000; contents, \$8,000. Loss building, \$13.50; contents, \$49.65.
- December 9, 11:27 P. M. Box 31—694 Second, 2-story frame dwelling. Lighted cigar.
- December 10, 6:05 A. M. Phone—82 East Seventh, N., 1-story frame wood shed. Carelessness.
- December 10, 5:06 P. M. Box 212—200 East Eighth, 1-story frame dwelling. Burning flue.
- December 10, 7:45 P. M. Phone—312 Sixth, 2-story frame dwelling. Burning flue.
- December 11, 5:30 P. M. Box 96—544 Overton, 2-story frame dwelling. Burning flue.
- December 12, 8:27 A. M. Box 147—Southeast corner Seventh and Northrup, 1-story frame. N. P. Terminal Co. Yard office. Lighted pipe. Value building, \$150; contents, \$200. Loss building, \$20; contents, \$25.
- December 12, 10:32 P. M. Box 258—Grand avenue and Caruthers. False alarm.
- December 13, 3:22 P. M. Phone—1710 East Nineteenth, South, 1-story frame dwelling. Burning flue.
- December 13, 6:23 P. M. Phone—759 East Tenth, N., 1-story frame. Owner, Philip Schwarts. Dwelling. Unknown. Value building, \$800; contents, \$250. Loss building, \$800; contents, \$250.

- December 13, 8:10 P. M. Phone—328 Tenth, 2-story frame dwelling. Burning flue.
- December 14, 9:18 P. M. Phone—221 West Park, 2-story frame dwelling. Burning flue.
- December 15, 8:28 A. M. Phone—379 Thirty-first, N., 2-story frame dwelling. Defective hearth.
- December 15, 11:15 A. M. Still—155 Sixteenth, 2-story frame dwelling. Burning flue.
- December 15, 12:30 P. M. Box 94—415 Twenty-fourth, N. Gasoline stove.
- December 15, 10:09 P. M. Box 9—Ninth and Everett. False alarm.
- December 15, 10:11 P. M. Box 98—1084 Wilson, 1-story frame. Owner, Nye Kerman. Dwelling. Defective flue. Value building, \$2,000; contents, \$1,000. Loss building, \$25; contents, \$30.
- December 16, 2:20 P. M. Phone—666 East Taylor, 2-story frame dwelling. Burning flue.
- December 16, 6:50 P. M. Phone—185 Sixteenth, N., 2-story frame dwelling. Burning flue.
- December 16, 9:18 P. M. Still—632 East Twelfth, 2-story frame dwelling. Burning flue.
- December 17, 11:35 A. M. Box 342—Northwest corner Gantenbein and Sellwood, 1½-story frame. Owner, Forbes Presbyterian Church. Cause, unknown. Value building, \$7,000; contents, \$2,000. Loss building, \$7,000; contents, \$2,000.
- December 17, 7:15 P. M. Phone—495 East Davis, 1-story frame dwelling. Burning flue.
- December 17, 7:38 P. M. Phone—Foot of Savier, boat house. Burning flue.
- December 18, 3:47 P. M. Still—404 East Seventh, 2-story frame. Owner, W. S. Green; occupier, G. C. Stannard. Dwelling. Matches. Value building, \$1,800; contents, \$600. Loss building, \$25; contents, \$18.95.
- December 18, 4:47 P. M. Still—845 First, 1-story frame dwelling. Burning flue.
- December 18, 5:19 P. M. Still—594 East Tenth, 2-story frame dwelling. Burning flue.

- December 18, 5:58 P. M. Box 217—103 East Twelfth, 1-story frame. Owner, Miss V. Bascher; occupier, O. F. Cady. Dwelling. Cause, unknown. Value building, \$1,500; contents, \$900. Loss building, \$314.50; contents, \$100.
- December 18, 7:46 P. M. Still—262 Front, 5-story brick. Owner, L. L. Ledbetter; occupier, Philip Rosummy. Second hand store. Unknown. Value, building, \$52,000; contents, \$3,000. Loss building, \$185; contents, \$1,000.
- December 18, 11:27 P. M. Phone—406 Burnside, 2-story frame. Owner, Mary C. Mayer; occupier, A. H. Griswold. Dwelling. Sparks chimney. Value building, \$2,500; contents, \$1,500. Loss building, \$7.
- December 19, 5:24 A. M. Box 79—Macadam and Bancroft. False alarm.
- December 19, 5:28 A. M. Box 138—Twenty-third and Washington. False alarm.
- December 19, 7:38 A. M. Still—246 First, 2-story brick saloon. Burning flue.
- December 19, 8:11 A. M. Phone—866 East Flanders, 2-story frame dwelling. Burning flue.
- December 19, 8:35 A. M. Phone—632 East Madison, 1½-story frame dwelling. Burning flue.
- December 19, 3:06 P. M. Phone—188 First, 3-story brick, furniture store. Burning flue.
- December 19, 7:53 P. M. Box 16—246 Flanders, 1-story frame. Owner, H. Westermire; occupier, S. St. Clair. Store-room. Matches. Value, building, \$500; contents, \$400. Loss, building, \$500; contents, \$400.
- December 19, 7:53 P. M. Box 16—Rear of 244 Flanders, 2-story frame. Wood sheds adj. fire. Value, building, \$150; contents, \$20. Loss, building, \$50.
- December 19, 7:53 P. M. Box 16—Rear of 89 Second, N., 2-story frame. Owner, H. Westermire; occupier, S. St. Clair. Wood sheds adj. fire. Value, building, \$150; contents, \$20. Loss, building, \$25.
- December 21, 7:15 P. M. Phone—309½ Fifth, 2-story frame dwelling. Burning flue.
- December 22, 4:25 P. M. Box 23—86 West Park, 2-story frame. Owner, John Cordano; occupier, Mrs. C. E. Rollins. Dwelling. Overheated stove. Value, building, \$5,000; contents, \$2,000. Loss, building, \$65; contents, \$343.28.

- December 22, 6:30 P. M. Phone—612 Third, 1-story frame dwelling. Burning flue.
- December 23, 2:20 P. M. Still—347 Second, 1½-story frame. Owner, J. Kamm; occupier, Wollerson & Barber. Tailor shop. Gasoline explosion. Value, building, \$500; contents, \$600. Loss, building, \$150; contents, \$200.
- December 23, 5:15 P. M. Box 234—189 E. Ninth, 1-story frame dwelling. Children, matches.
- December 23, 6:09 P. M. Phone—380 E. Washington, 1½-story frame dwelling. Burning flue.
- December 25, 2:45 P. M. Phone—486 Washington, 2-story frame. Gents' furnishing store. False alarm.
- December 25, 3:24 P. M. Phone—735 Hoyt, 2-story frame dwelling. Burning flue.
- December 26, 10:08 P. M. Phone—129 Nineteenth N., 3-story frame dwelling. Burning flue.
- December 27, 1:18 P. M. Phone—918 E. Main, 2-story frame dwelling. Carelessness.
- December 28, 5:04 P. M. Box 94—769 Raleigh, 1-story frame. P. R. L. & P. Co. Foundry. Sparks cupola.
- December 29, 2:20 A. M. Box 526—265 Morrison. False alarm.
- December 29, 7:45 P. M. Box 245—148 E. Twentieth, 2-story frame dwelling. Burning flue.
- December 29, 10:10 P. M. Box 7—341 Columbia, 2-story frame stable. Carelessness.
- December 29, 10:15 P. M. Box 326—750 Cleveland avenue, 1-story frame dwelling. Burning flue.
- December 30, 5:50 P. M. Still—372 E. Third, 2-story frame dwelling. Burning flue.
- December 30, 8:45 P. M. Phone—1043 Hawthorne avenue, 1½-story frame dwelling. Burning flue.
- December 30, 8:58 P. M. Phone—900 Garfield avenue, 1-story frame dwelling. Burning flue.
- December 31, 1:30 P. M. Box 75—633 Second, 1-story frame dwelling. Burning flue.
- December 31, 6:20 P. M. Phone—Twenty-second and Glisan. False alarm.

December 31, 6:50 P. M. Still—511 Rodney avenue, 1-story frame. Owner, L. S. White. Summer house. Lamp explosion. Value, building, \$125; contents, \$250. Loss, building, \$75; contents, \$200.
 December 31, 7:15 P. M. Phone—423 Lincoln East, 2-story frame dwelling. Burning fire.
 December 31, 8:28 P. M. Phone—255 Holiday, 2-story frame drug store. Crossed wires.

ANNUAL REPORT OF OFFICERS AND STAFF FOR YEAR ENDING DECEMBER 31ST, 1907.

NAME	Position	AGE	Occupation	Residence
David Campbell	Chief Engineer . . .	43	Chief Engineer, F. D. .	446 Jefferson st.
M. Laudenklos	Asst. Chief Engineer	49	Lineman	266 2nd st.
Jno. E. Young	Battalion Chief . . .	39	Marble Cutter	511 Glisan st.
Lee G. Holden	" "	43	Carpenter	
Chas. A. Savarian	Supt. F. A. Tel. . . .	40	Electrician	111 13th st., N.
Geo. L. Stewart	Master Mechanic . . .	53	Machinist	520 E. Washington st.
Mathew Walsh	Machinist	42	"	542 2nd st.
W. G. Dexter	Instrument maker . . .	45	Tool maker	565 1/2 Jefferson st.
H. McMullen	Relief Engineer	62	Machinist	The Giebart, 3rd and Taylor
W. J. Phillips	Hydrantman	30	"	766 Ivon st.
Harry C. Wright	Switch board operator	28	Structural iron Worker	338 Grant st.
E. Houchet	" "	24	Scene Shifter	212 Union ave., N.
E. L. Nelson	" "	22	Stage hand	291 2nd st.
R. D. Laisner	Supply driver	23	Laborer	296 Ivy st.
J. L. Ambrose	Lineman F. A. Tel. . .	32	Lineman	284 Clay st.
W. L. Trullinger	" "	36	"	94 14th st., N.

ANNUAL REPORT OF FIRE BOAT GEO. H. WILLIAMS, CO. NO. 1, FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, Foot of East Washington Street.

Badge	NAME	Position	Age	Occupation	Residence
200	W. M. Smith	Captain	35	Painter	1031 Mallory ave.
201	Henry C. Johnson	Lieutenant	30	Undertaker	Fire Boat.
202	W. H. Whitcomb	Master	56	Master	49 E. 9th st.
203	W. W. Babbidge	Sub. Pilot	37	Pilot	694 E. Ankeny st.
204	Chas. Specknagle	First Engineer	44	Engineer	435 E. Alder st.
205	George Epperly	Second Engineer	40	"	Fire Boat.
206	E. D. Kellogg	Sub. third Engineer	40	"	1242 E. Yamhill st.
210	Earl Chase	Hoseman	25	Boiler helper	393 Grand ave.
213	Everett S. Pechin	"	24	Waiter	Fire Boat.
215	Wm. A. Ezard	"	24	Weaver	956 E. 19th st., N.
209	R. I. Voss	"	23	Millman	494 E. 17th st.
211	W. J. Miller	"	28	Steamboatman	102 E. 11th st.
216	Thos. A. Grenfell	Driver	26	Laborer	Fire Boat.
214	C. W. Timmerman	Sub. Hoseman	22	Seaman	600 Kingman st.
212	A. L. McMartin	"	25	Laborer	Fire Boat.
217	Stuart Grenfell	"	23	"	"
207	H. S. Littlefield	Stoker	28	Fireman	"
208	E. O. Dunlap	Sub. Stoker	22	"	"
156	John Junor	"	26	"	"

No. of alarms responded to: 83; bell, 79; telephone, 3; still, 1. Hours in service, 64:42.

ANNUAL REPORT OF FIRE BOAT CO. NO. 1.—Continued.

Appointments: A. L. Brazee, April 18; Wm. A. Ezard, May 24; W. J. Miller, May 24; A. Bascomb, May 24; Chas. Specknagle, July 6; George Epperly, July 14; Jos. Wolfs, July 15; Thos. A. Clark, July 30.

Transfers: G. W. Weygandt from Fire Boat to Eng. Co. No. 11, April 17; A. Bascomb, from Fire Boat to Eng. Co. No. 5, July 8; H. S. Littlefield, from Eng. Co. No. 9 to Fire Boat, Aug. 2; D. L. Penney, from Fire Boat to Eng. Co. No. 7, Sept. 12.

Resignations: Thos. P. Campbell, Jan. 3; A. B. Crow, April 2; Clarence D. Kellogg, April 15; Thos. M. Thackabery, April 15; Frederick W. Short, April 30; Geo. W. Russell, May 11; A. L. Brazee, June 28; H. G. Turzinski, July 20; Joe Wolfs, Aug. 10.

Removal: Thos. A. Clark, Nov. 5.

Accidents at Fires: E. O. Dunlap, broke bone in ankle, Dec. 9.

Inventory: Apparatus, 1 Fire Boat, name Geo. H. Williams; one hose wagon; hose, 2050 feet 3½-inch; 42.50 feet, 2¾-inch; 50 feet, 2-inch; 75 feet, 1-inch; horses, 2; harness, 1 double set.

ANNUAL REPORT OF ENGINE CO. NO. 1 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, Fourth Street, Between Morrison and Yamhill.

Badge	NAME	Position	Age	Occupation	Residence
1	A. W. Dolson	Captain	40	Lather	170 Fourth st.
2	G. Johnson	Lieutenant	25	Fireman	" "
3	E. C. Smith	Engineer	30	Engineer	" "
4	C. O. Williams	Stoker	39	"	" "
5	F. O. Knox	Driver	31	Teamster	" "
6	C. Pierce	Hoseman	46	Lineman	" "
7	E. J. Charboneau	"	23	Embalmer	" "
8	G. McDonald, sub.	"	32	Teamster	" "
9	E. J. Heath	"	34	"	" "
10	J. Lennox	Driver	28	"	" "

No. of alarms responded to: 253; bell, 162; telephone, 86; still, 5. Hours in service: 162:30.

Appointments: G. R. Watson, May 23d; C. O. Williams, May 24th; J. Lennox, July 31st; E. J. Charboneau, July 31st.

Transfers: Wm. Maas, to Engine 3, April 21st; J. A. Schmidtke, from Hose 3 to Engine 1, April 17th; J. A. Schmidtke, to Engine 9, May 24.

Resignations: J. C. McEwan, resigned April 10th; R. W. Stafford, resigned June 2d.

Removal: G. R. Watson, Nov. 15th.

Inventory: Apparatus, one hose wagon, one extra first-class Metropolitan engine; hose, 2050 feet 2¾-in. hose; 300 feet 1½-in. hose; horses, 5; harness, 1 double set; 1 triple set.

ANNUAL REPORT OF ENGINE CO. NO. 3, FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 510 Washington Street.

Badge	NAME	Position	Age	Occupation	Residence
30	Jas. Dillane	Captain	32	Fireman	510 Washington st.
31	W. H. Maas	Lieutenant	27	Ratchet Setter	" "
32	William H. Hembree	Engineer	42	Engineer	394 Grand ave., N.
34	J. S. Freeman	Driver	33	Teamster	510 Washington st.
38	F. H. Russell	"	23	Laborer	" "
33	Arthur A. Cooper	Hoseman	26	Planer man	" "
35	William Logan Robertson	"	23	Cook	" "
36	Ira Fitzgerald	"	22	Laborer	" "
37	George J. Felton	"	29	Fireman	" "
39	A. G. Wohlrahe	Stoker	42	Engineer	" "

No. of alarms responded to: 203; bell, 142; telephone, 46; still, 15. Hours in service: 139:10.

Appointments: George J. Felton, May 24th; Ira Fitzgerald, May 24th; Alfred B. Cunningham, May 24th; William H. Hembree, July 6th; William Logan Robertson, July 31st.

Transfers: W. D. Heath, to Hose No. 1, Feb. 11th; W. C. Spieckelmier, to Chemical No. 1, Feb. 12th; Harry A. Pollock, from Eng. No. 6, Feb. 12th; Louis G. Simon, from Hose No. 6, Feb. 12th; Harry A. Pollock, to Hose No. 6, April 18th; W. H. Maas, from Eng. No. 1, April 21st; George W. Tabaka, from Hose No. 6, April 30th; Clarence D. Shane, to Hose No. 4, Aug. 15th; Arthur A. Cooper, from Hose No. 4, Aug. 15th; Alfred B. Cunningham, to Eng. No. 6, Nov. 15th.

Resignations: F. W. Kroll, Feb. 22d; Chas. Lawwill, March 13th; F. L. Harr, March 3d; Harley Davis, April 20th; Louis G. Simon, May 9th; George W. Tabaka, May 11th.

Accidents at Fires: Lieutenant W. D. Heath, spike run in foot, Jan. 10th, at Box 517.

Inventory: Apparatus, 1 extra first-class Metropolitan engine, 1 hose wagon; hose, 2000 feet 2¾-inch wax treated hose, 300 feet 1½-inch wax treated hose; horses, 5; harness, 1 double and 1 triple set.

ANNUAL REPORT OF ENGINE CO. NO. 4 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 370 Fourth Street.

Badge	NAME	Position	Age	Occupation	Residence
40	J. B. Simpson	Captain	41	Fireman	425 Fifth st.
41	E. L. Johnson	Lieutenant	25	"	370 Fourth st.
42	Chas. L. Winters	Engineer	34	Engineer	383½ "
47	L. D. Truman	Driver	31	Teamster	370 "
46	Martin Metzler	Hoseman	26	Fireman	370 "
	Substitutes	"		"	370 "
43	T. Pedersen	Driver	26	Teamster	275 Montgomery st.
45	Holger Christoffersen	Hoseman	21	Laborer	370 Fourth st.
44	John T. Patterson	Stoker	30	Engineer	370 "

No. of alarms responded to: 211; bell, 144; telephone, 59; still, 8. Hours in service: 157:50.

Appointments: Maurice W. Manning, March 7 at 6 P. M.; Claud D. Jett, May 31 at 6 P. M.; J. S. Baldwin, March 7 at 6 P. M.; Dewitt C. Williams, Sept. 21 at 6 P. M.

Transfers: J. P. Bird, from Eng. Co. No. 4 to Eng. Co. No. 5, Jan. 31, at 6 P. M.; J. H. Van Lorn, from Eng. No. 4 to Eng. No. 5, Feb. 15, at 6 P. M.; Dewitt C. Williams, from Eng. No. 4 to Eng. No. 9, Dec. 9 at 6 P. M.; Maurice W. Manning, from Eng. Co. No. 4 to Truck Co. No. 2, May 31 at 6 P. M.

Resignations: Fred J. McElwain, Jan. 5, at 6 P. M.; I. R. Mickley, Jan. 13, at 7 A. M.; T. Pedersen, Aug. 10 at 6 P. M.; J. S. Baldwin, Oct. 4 at 6 P. M.

Inventory: Apparatus, one first-class Metropolitan engine; 1 hose wagon; hose, 1600 feet 2½ and 250 feet 2¼-inch Keystone and 300 feet 1½-inch Keystone; horses, 5 head; harness, 1 double set and 1 triple set.

ANNUAL REPORT OF ENGINE CO. NO. 5 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 811 Front Street.

Badge	NAME	Position	Age	Occupation	Residence
50	L. N. Riley	Captain	43	Fireman	808 First st.
51	A. G. Steele	Acting Lieutenant	24	Elevatorman	811 Front st.
52	E. L. Thompson	Engineer	32	Engineer	812 "
53	Thomas Clarence Turlay	Driver	21	Teamster	845 First st.
54	Fred Fox	"	45	Wood Sawyer	781 Water st.
55	J. P. Bird	Hoseman	26	Fireman	630 Fifth st.
56	J. M. Van Lom	"	23	Teamster	810 First street
57	Andy Bascomb	Stoker	23	Stoker	811 Front st.

No. of alarms responded to: 51; bell, 37; telephone, 5; still, 9. Hours in service: 34:45.

Appointments: Thomas Clarence Turlay, March 7th.

Transfers: J. W. Van Lorn, to Engine 4, Jan. 31; J. P. Bird, from Engine 4, Jan. 31; Lieutenant E. L. Johnson, to Engine 4, Feb. 15th; J. W. Van Lorn, from Engine 4, Feb. 15; Chas. A. Sylvester, to Engine 11, April 17th; Andy Bascomb, from Fire Boat, July 8th.

Accidents at Fires: Thomas Clarence Turlay, right hand burned; J. P. Bird, sprained back.

Inventory: Apparatus, 1 third-class Clapp & Jones engine, 1 hose wagon; hose, 1900 feet 2½-inch hose, 300 feet 1½-inch hose; horses, 5; harness, 1 double set, 1 triple set.

ANNUAL REPORT OF ENGINE CO. NO. 6 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, Twenty-second and Nicolai Streets.

Badge	NAME	Position	Age	Occupation	Residence
60	W. C. Slaughterback	Captain	42	Planerman	769 Roosevelt st.
67	Sigurd Olson	Act. Lieutenant	27	Longshoreman	485 N. Twenty-first st.
62	Warren F. Smith	Engineer	39	Engineer	687 York st.
63	C. Reifenrath	Driver, Engine	31	Teamster	Engine House
64	Burnard D. Hutchings	" Hose	23	"	"
65	William A. West	Hoseman	21	Fireman	"
66	Joseph O. Denzel	"	24	Engineer	"
61	A. B. Cunningham	Stoker	23	"	"

No. of alarms responded to: 58; bell, 48; telephone, 6; still, 4. Hours in service: 70.

Appointments: Bernard D. Hutchings, hoseman, March 7th; John McCulloch, hoseman, May 24th; William C. Tyson, stoker, June 8th; Joseph O. Denzel, hoseman, July 31st; William A. West, hoseman, July 31st; B. McKinley, stoker, Sept. 17th.

Transfers: Lieut. Harry A. Pollock, to Engine No. 3, Feb. 12th; John Keegan, hoseman, to Hose No. 6, Feb. 17th; Ernest C. Lewis, hoseman, to Hose No. 1, June 7th; A. B. Cunningham, stoker, from Engine No. 3, Nov. 15th.

Resignations: Charles C. Donnell, hoseman, March 6th; John McCulloch, hoseman, June 19th; William C. Tyson, stoker, Aug. 31st; B. McKinley, stoker, Oct. 11th.

Accidents at Fires: Warren F. Smith, engineer, nail torn from finger, hand injured, responding to Box 68, Dec. 9th.

Inventory: Apparatus, 1 Clapp & Jones second-class engine, 1 hose wagon; hose, 2000 feet 2½-inch waxed Keystone, 300 feet 1½-inch Victor cotton; horses, 5; harness, 1 triple set, 1 double set.

ANNUAL REPORT OF ENGINE CO. NO. 7 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 40 E. Third Street.

Badge	NAME	Position	Age	Occupation	Residence
70	E. J. Wolcott	Captain	32	Horse-shoer	305 Fifth st.
74	A. W. Wefel	Act. Lieutenant	26	Broom-maker	208 Union ave.
71	Thomas C. Smith	Engineer	56	Engineer	366 E. Glisan st.
75	G. W. Allen	Stoker	33	"	1½ Union ave.
72	L. D. Penney	Driver, Engine	36	Teamster	26 E. Third st.
73	Jesse G. Wigginton	" Wagon	25	Clerk	386 E. Lincoln st.
77	James Monto	Hoseman	25	Fireman	40 E. Third st.
76	F. L. Jaques	"	27	Steward	406 E. Ankeny st.

No. of alarms responded to: 71; bell, 54; telephone, 16; still, 1. Hours in service: 78:28.

Appointments: F. L. Jaques, May 24th, 6 P. M.; G. W. Allen, May 28th, 6 P. M.

Transfers: Captain F. W. Roberts, to Engine No. 12, April 23d, 6 P. M.; C. C. Martin, to Engine No. 12, April 23d, 6 P. M.; D. D. Stokes, to Truck No. 4, July 16th, 6 P. M.; A. W. Wefel, from Truck No. 4, July 16th, 6 P. M.; Lieut. E. J. Wolcott, from Hose 3, Aug. 5th, 6 P. M.; D. C. Penney, from Fire Boat, Sept. 12th, 6 P. M.

Resignations: E. J. Craig, Sept. 12th, 6 P. M.

Removal: J. M. McMahan.

Accidents at Fires: E. J. Craig, elbow dislocated Feb. 16th.

Inventory: Apparatus, 1 third-class Metropolitan engine, 1 hose wagon; hose, 1000 feet 2½-inch Keystone, 1000 feet 2½-inch Paragon, 300 feet 1½-inch Keystone; horses, 4; harness, 2 double sets.

ANNUAL REPORT OF ENGINE CO. NO. 8 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 287 Russell Street.

Badge	NAME	Position	Age	Occupation	Residence
80	F. B. May	Captain	42	Painter	286 Stanton st.
81	J. G. Stevens	Lieutenant		Stage Carpenter	512½ Williams ave.
82	J. H. Campbell	Engineer	36	Engineer	1042 "
83	L. P. Brown	Driver, Engine	54	Teamster	1000 Grand ave.
84	O. H. Bray	" Hose	25	"	344 Russell st.
87	R. E. McMichael	Stoker	31	Inspector	690 Gantenbein ave.
85	W. S. Walling	Hoseman	25	Carpet Weaver	533 Rodney ave.
86	J. McKillop	"	23	Fireman	Engine House.

No. of alarms responded to: 59; bell, 22; telephone, 23; still, 14. Hours in service: 58:37.

Appointments: Temporarily, J. H. Campbell, Feb. 10th, 6 P. M.; temporarily, J. McKillop, Oct. 10th, 6 P. M.; R. E. McMichael, May 24th, 6 P. M.; W. S. Walling, July 30th, 6 P. M.

Transfers: T. J. Petersan, to Truck 5, Oct. 2d, 6 P. M.

Resignations: L. B. Ward, May 13th, 6 P. M.; W. S. Coleman, July 1st, 6 P. M.

Accidents at Fires: T. J. Petersan, hit by falling chimney, Sept. 27, scalp wound.

Inventory: Apparatus, 1 third-class Clapp & Jones engine, Fox boiler, Aug. 22d, 1905; hose, 1950 feet 2½-inch, 300 feet 1½-inch cotton hose; horses, 4; harness, two double sets.

ANNUAL REPORT OF ENGINE CO. NO. 9 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 162 Thirty-fifth Street.

Badge	NAME	Position	Age	Occupation	Residence
115	Wm. Hanson	Captain	44	Carpenter	165 E. Thirtyfifth st.
97	Wm. H. Case	Lieutenant	32	Painter	167 " "
90	R. L. Correll	Engineer	51	Engineer	164 " "
93	D. C. Millican	Stoker	28	Fireman	160 " "
95	Norris C. Davis	Driver, Engine	32	Teamster	211 " "
98	John A. Schmidtke	" Wagon	26	"	1061 E. Taylor st.
117	Silas E. Moeser	Hoseman	33	Upholsterer	782 E. Salmon st.

No. of alarms responded to: 20; bell, 23; telephone, 6; still, 0. Hours in service: 75:27.

Appointments: John A. Schmidtke, May 24, 6 P. M.; Silas E. Moeser, July 31, 6 P. M.; Wm. H. Case, appointed Lieutenant, Dec. 5, 6 P. M.

Transfers: Victor T. Neal, to Engine No. 11, April 18, 6 P. M.; Harry S. Littlefield, to Fire Boat, Aug. 2d, 5:15 P. M.; D. C. Millican, from Engine No. 4, Dec. 9, 6 P. M.; Lieut. Thomas J. Mountain, to Truck No. 4, Oct. 3, 6 P. M.

Resignations: J. F. Kalkofen, July 16, 6 P. M.

Inventory: Apparatus, 1 fifth-class Amoskeag engine, 1 combination wagon; hose, 1800 feet 2½-inch; 150 feet ¾-inch chemical hose; horses, 4; harness, 2 double sets.

ANNUAL REPORT OF ENGINE CO. NO. 10 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 1250 Macadam Road.

Badge	NAME	Position	Age	Occupation	Residence
110	E. V. Hale	Captain	26	Fireman	806 Front st.
111	A. M. Crewse	Lieutenant	25	Clerk	102 Nebraska st.
112	J. M. Mallon	Acting Engineer	41	Engineer	1250 Macadam Road
113	J. C. Drain	Driver	29	Teamster	156 Boundary ave.
115	M. R. Hanson	"	23	Fireman	108 Carolina st.
114	P. J. Loomis	Stoker	33	"	996 Corbett st.
117	John Feretti	Hoseman	30	Teamster	1250 Macadam Road
116	John T. Howlett	Sub. Hoseman	26	Stack Painter	1820 Fiske st.

No. of alarms responded to: 18; bell, 7; telephone, 5; still, 6. Hours in service: 36:00.

Appointments: I. L. Kollenborn, March 8, 1907, 6 P. M.; P. J. Loomis, stoker, May 22, 1907, 6 P. M.; J. M. Mallon, May 22, 1907, 6 P. M.; acting engineer and stoker; J. L. Carter, May 23, 1907, 6 P. M.; John Feretti, Aug. 7, 1907, 6 P. M.

Resignations: A. F. Howlett, March 3, 1907, 6 P. M.; J. L. Carter, June 11, 1907, 6 P. M.; I. L. Kollenborn, Aug. 25, 1907, 6 P. M.

Inventory: Apparatus, 1 fourth-class Silshy engine, 1 hose wagon; hose, 1950 feet 2½-inch cotton hose, 300 feet 1½-inch hose; horses, 4; harness, 2 double sets.

ANNUAL REPORT OF ENGINE CO. NO. 11 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 545 Powell Street.

Badge	NAME	Position	Age	Occupation	Residence
220	Everett V. Borden	Captain	36	Painter	381 E. 8th st.
227	George W. Weygandt	Act. Lieutenant	32	Electrician	768 E. 21st st.
222	A. C. Olson	Act. Engineer	47	Engineer	641 E. 15th st.
226	Charles A. Sylvester	Driver	24	Teamster	601 E. 12th st.
224	Victor Neal	"	27	Carpenter	604 Milwaukie st.
223	William C. Varney	Act. Stoker	23	Sailor	621 E. 13th st.
225	Joseph Curran	Hoseman	27	Laborer	545 Powell st.
221	Herman A. Bates	"	25	Sawyer	691 Milwaukie st.

No. of alarms responded to: 25; bell, 8; telephone, 13; still, 4. Hours in service: 19:58.

Appointments: William C. Varney, May 24; Joseph Curran, May 24; Herman A. Bates, May 24.

Transfers: Captain Everett V. Borden, from Hose No. 6, April 18; Acting Lieutenant George W. Weygandt, from Fire Boat, April 17; Charles A. Sylvester, from Engine No. 5, April 17; Victor Neal, from Engine No. 9, April 18.

Inventory: Apparatus, 1 Metropolitan third-class engine, 1 hose wagon; hose, 2000 feet 2½-inch cotton hose, 300 feet 1½-inch cotton hose; horses, 4; harness, 2 double set.

ANNUAL REPORT OF ENGINE CO. NO. 12 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 63 East Twenty-eighth Street North, Cor. Davis.

Badge	NAME	Position	Age	Occupation	Residence
230	F. W. Roberts	Captain	31	Fireman	70 E. 27th st. N.
231	Fred B. Day	Lieutenant	27	"	114 E. 28th st., N.
232	Geo. C. Waldron	Engineer	28	Engineer	63 E. 28th st., N.
233	C. C. Martin	Driver, Engine	29	Teamster	63 E. 27th st., N.
235	R. C. Fisher	" Wagon	32	"	40 E. 28th st., N.
238	John S. Buhite	Hoseman	28	Fireman	63 " " "
236	Chas. F. Smith	Stoker	32	Stoker	835 E. Flanders st.
239	E. D. Clark, Sub.	Hoseman	22	Clerk	63 E. 28th st., N.

No. of alarms responded to: 10; bell, 5; telephone, 4; still, 1. Hours in service: 16:25.

Appointments: H. L. Arey, April 23d; Chas. F. Smith, John S. Buhite and F. J. McElwain, May 24th; Geo. C. Waldron, July 8th; Frank J. Lust, Aug. 2d.

Transfers: F. W. Roberts and C. C. Martin, from Engine No. 7, April 23d; R. C. Fisher, from Hose No. 2, April 24th; Fred B. Day, from Hose No. 3, April 24th; F. J. Lust, to Hose 2, Dec. 12th.

Resignations: H. L. Arey, July 8th; F. J. McElwain, Aug. 2d.

Inventory: Apparatus, 1 Metropolitan engine, third class; one hose wagon; hose, 2000 feet Keystone 2½-inch wax treated hose, 300 feet Bowers 1½-inch hose; horses, 4; harness, 2 double sets.

ANNUAL REPORT OF TRUCK CO. NO. 1 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 168 Fourth Street, Between Morrison and Yamhill Streets.

Badge	NAME	Position	Age	Occupation	Residence
100	F. Dowell	Captain	37	Fireman	291 Eugene st.
101	Edward Grenfell	Lieutenant	24	"	353 16th st.
102	Wm. F. Harrman	Driver	35	Teamster	231 5th st.
103	Edward McDonald	Ladderman	34	Collar maker	235 Broadway st.
104	Harry J. Beck	"	23	Fireman	462 Davis st.
108	Gibson Montague	"	29	"	407 3rd st.
229	A. H. Ulfers	"	22	Gasoline Engineer	168 4th st.
107	Winifred H. Ring	"	26	Farmer	" "
228	C. T. Potter	"	24	Fireman	" "
106	J. M. Howe, sub.	"	25	"	420 Mason st.

No. of alarms responded to: 226; bell, 102; telephone, 113; still, 11. Hours in service: 162:11.

Appointments: E. L. Nelson, March 7th; Patrick A. McHugh, May 24th; Winifred H. Ring, May 24th; C. T. Potter, July 31st; Harry J. Beck, Acting Lieutenant from Feb. 9th to Dec. 5th; Edward Grenfell, App. Lieutenant Dec. 5th, 6 P. M.

Transfers: Lieut. H. E. Hawkins, to Captain Chemical No. 1, Feb. 9th; Wm. W. Shipman, to operator City Hall, May 24th; E. L. Nelson, to operator, July 20th.

Resignations: Thomas A. Clark, May 4th; Patrick A. McHugh, Nov. 1st, 1907.

Accidents at Fires: Edward McDonald, thrown from tiller, October 2d, at First and Ankeny Streets.

Inventory: Apparatus, 1 combination truck and chemical, 2 40-gal. tanks, 65 ft. ground extension and equipment; hose, 150 feet ¾-inch chemical hose and 32 feet 2½-inch wax cotton; horses, 3; harness, 1 triple set; 3 extra horses in Supply Dept.

ANNUAL REPORT OF TRUCK CO. NO. 2 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 368 Fourth Street.

Badge	NAME	Position	Age	Occupation	Residence
120	R. Canuto	Captain	32	Clerk	366½ Fourth st.
121	R. J. Williams	Lieutenant	27	Gas maker	246 Grant st.
125	W. J. Taggart	Driver	34	Teamster	368 Fourth st.
127	P. W. Winklebleck	Ladderman	33	Fireman	" "
124	J. Peterson	Sub. Ladderman	26	Sailor	" "
126	H. F. Yandle	" "	22	Donkey Engineer	" "
122	F. E. Murphy	" "	24	Eireman	" "
123	A. M. Poindexter	" "	23	Miner	" "

No. of alarms responded to: 186; bell, 106; telephone, 73; still, 7. Hours in service: 114.

Appointments: J. L. Ambrose, Aug. 1, 6 P. M.; J. L. Duncan, Aug. 14, 6 P. M.

Transfers: M. W. Manning, May 30, 6 P. M., from Engine Co. No. 4; T. J. Coreney, Oct. 32, 6 P. M., to Truck Co. No. 5; J. L. Ambrose, Nov. 15, 6 P. M., to Electrical Dept.

Resignations: C. E. Hewston, July 31, 6 P. M.; M. W. Manning, Oct. 14, 6 P. M.

Removal: O. Dunn, April 27, 6 P. M.; J. L. Duncan, Oct. 11, 6 P. M.

Accidents at Fires: T. J. Coveney, fell, breaking rib at fire, May 27, 1:40 P. M. Died: T. W. Bubb, July 1; cause, complication of diseases.

Inventory: Apparatus, 1 Hayes truck, third class; hose, 12 feet 2½-inch; horses, 3; harness, 1 3-horse hitch harness.

ANNUAL REPORT OF TRUCK CO. NO. 3 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 511 Glisan Street.

Badge	NAME	Position	Age	Occupation	Residence
130	Z. S. Elliott	Captain	42	Porter	126 N. 15th st.
136	Lloyd R. Lambert	Lieutenant, Act.	23	Woodsmen	490 Glisan st.
132	J. Haines	Driver	30	Teamster	471 Flanders st.
131	Charley Abbott	Truckman	23	Farmer	511 Glisan st.
134	Charles Haberland	"	33	Carpenter	" "
135	Guy H. Parmenter	"	26	Millman	206 N. 17th st.
137	Edwin P. Liestrem	"	23	Bridge Carpenter	511 Glisan st.
133	J. L. Loftis	"	34	Teamster	269 Larrabee st.

No. of alarms responded to: 165; bell, 93; telephone, 62; still, 10. Hours in service: 114:59.

Appointments: William E. Shell, May 24; Charles Haberland, May 24; Edwin P. Siestrum, July 31.

Transfers: E. Tooley to Hose Co. No. 1, March 18th; Burr McKinley to Engine Co. No. 6, Sept 17th;; William E. Shell to Chemical Co. No. 1, Dec. 5th; Charley Abbott, from Hose Co. No. 1, Dec. 5th.

Resignations: George Finney, April 18th; Monroe Lingle, July 28th.

Inventory: Apparatus, 1 fourth-class Hayes truck; horses, 3; harness, single sets, 3.

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ANNUAL REPORT OF TRUCK CO. NO. 4 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 42 East Third Street.

Badge	NAME	Position	Age	Occupation	Residence
140	Thos. J. Mountain	Captain	53	Teamster	1095 E. Morrison st.
141	R. Gee	Act. Lieutenant	45	Carpenter	19 E. 7th st.
142	G. S. Tennant	Driver	28	Teamster	30 E. 3rd st.
146	Jacob Rickers	Truckman	26	Hatter	42 "
145	D. D. Stokes	"	24	Carpenter	141 Grand ave.
Sub.	T. H. Cunniff	"	28	Teamster	42 E. 3rd st.
Sub.	Geo. G. Chute	"	25	Painter	42 "
Sub.	P. J. McKelty	"	26	Farmer	42 "

No. of alarms responded to: 135; bell, 98; telephone, 32; still, 5. Hours in service: 115.

Appointments: Thos. J. Mountain, Oct. 3d, 1907, Captain.

Transfers: D. D. Stokes, from Engine No. 7 to Truck No. 4, July 16th, 6 P. M.; C. F. Neale, from Truck No. 4 to Truck No. 5, Oct. 2d, 6 P. M.; Alex Stinson, from Truck No. 4 to Truck No. 5, Oct. 2d, 6 P. M.; C. E. Lindloff, from Truck No. 4 to Truck No. 5, Oct. 2d, 6 P. M.; J. H. Bateman, from Truck No. 4 to Truck No. 5, Oct. 2d, 6 P. M.; Thos. J. Mountain, from Engine No. 9 to Truck No. 4, Oct. 3d, 6 P. M.

Inventory: Apparatus, 1 fourth-class Hayes truck; hose, 12½ feet 2½-inch; horses, 3; harness, 3 sets.

ANNUAL REPORT OF TRUCK CO. NO. 5 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 289 Russell Street.

Badge	NAME	Position	Age	Occupation	Residence
150	C. F. Neale	Captain	41	Carriage-smith	330 San Raphael st.
151	A. Stimson	Act. Lieutenant	41	Barber	510 Ainsworth st.
152	F. J. Peterson	Driver	46	Teamster	313 Eugene st.
153	J. H. Bateman	Ladderman	34	Car repairer	293 Russell st.
154	C. E. Lindloff	"	27	Car Inspector	305 Ivy street
155	H. B. Hatcher, sub.	"	35	Teamster	287 Russell st.
156	F. J. Coveney	"	30	Longshoreman	643 Borthwick st.
157	B. Francois, sub.	"	23	Machinist helper	287 Russell st.

No. of alarms responded to: 13; bell, 4; telephone, 7; still, 2. Hours of service: 11:20.

Appointments: C. F. Neale, Oct. 2d, 1907; A. Stinson, Oct. 2d, 1907; F. J. Peterson, Oct. 2d, 1907; J. H. Bateman, Oct. 2d, 1907; C. E. Lindloff, Oct. 2d, 1907; F. J. Coveney, Nov. 1st, 1907.

Accidents at Fires: F. J. Coveney, struck on head by falling timber, Dec. 17th, 1907.

Inventory: Apparatus, 1 fourth-class Hayes truck; horses, 2; harness, 1 double set.

ANNUAL REPORT OF HOSE CO. NO. 1 FOR YEAR ENDING DECEMBER 31, 1907.

Location, 69 Second Street.

Badge	NAME	Position	Age	Occupation	Residence
160	W. D. Heath	Captain	39	Fireman	287 Fourth st.
161	E. Tooley	Lieutenant	39	Teamster	205 N. 16th st.
162	P. W. Howlett	Driver	24	Teamster	69 Second st.
164	E. C. Lewis	Hoseman	29	Painter	" "
165	A. F. Howlett	"	27	Fireman	" "
163	J. M. Welsh	"	25	Laborer	" "

No. of alarms responded to: 200; bell, 105; telephone, 86; still, 9 Hours in service: 144:10.

Appointments: W. D. Heath, Captain, Feb. 11, 6 P. M.; John Metzler, May 23, 6 P. M.; A. F. Howlett, Mary 23, 6 P. M.; Chas. Abbott, July 31, 6 P. M.

Transfers: W. D. Heath, from Engine No. 3, Feb. 11th, 6 P. M.; P. W. Howlett, from driver of Hose No. 6 to driver Hose No. 1, Feb. 13, 6 P. M.; E. Tooley, from Lieut. Truck No. 3 to Lieut. Hose No. 1, March 18, 6 P. M.; W. H. Green to driver of Chemical No. 1, May 23, 6 P. M.; E. C. Lewis, from Engine No. 6, June 7, 6 P. M.; Chas. Abbott to Truck No. 3, Dec. 5, 6 P. M.; J. M. Welsh, from Hose No. 6, Dec. 5, 6 P. M.

Resignations: L. A. Ullfers, March 16, 6 P. M.; John Metzler, June 1, 12 M.

Removal: Captain L. J. Gardner; Lieutenant J. H. Hickey and Driver J. H. Cox, Feb. 9, 6 P. M.; E. W. Merritt, June 7, 1907.

Inventory: Apparatus, 1 four-wheeled hose carriage; hose, 1950 feet 2½-inch wax treated; horses, 2; harness, 1 set double harness.

ANNUAL REPORT OF HOSE CO. NO. 2 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 273 First Street.

Badge	NAME	Position	Age	Occupation	Residence
170	J. W. Stevens	Captain	25	Clerk	273 First st.
171	F. A. Zellner	Act. Lieutenant	28	Tanner	" "
172	B. T. French	Driver	25	Laundry Driver	" "
173	M. R. Stark	Hoseman	24	Gasoline Engineer	" "
174	R. J. Abbott	"	23	Asbestos worker	" "
175	F. J. Lust	"	24	Carpenter	" "

No. of alarms responded to: 200; bell, 94; telephone, 83; still, 23. Hours in service: 150:16.

Appointments: B. T. French, March 7; A. DesBouillons, May 24; R. J. Abbott, May 24.

Transfers: R. C. Fisher, to Engine No. 12, April 24; F. J. Lust, from Engine No. 12, Dec. 12.

Resignations: A. DesBouillons, Aug. 25.

Inventory: Apparatus, 1 four-wheeled hose wagon; hose, 2050 feet 2½-inch, 300 feet 1½-inch Key-stone hose; horses, 2; harness, 1 double set.

ANNUAL REPORT OF HOSE CO. NO. 3 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 367 East Seventh Street.

Badge	NAME	Position	Age	Occupation	Residence
180	H. M. Bust	Captain	45	Fireman	381 E. 8th st.
184	M. V. Brown	Hoseman	27	Baker	148½ E. 33rd st.
185	Fred C. Schmidtke	Driver	21	Teamster	367 E. 7th st.
183	Glen W. Griffin	Hoseman	23	Merchant	367 E. 7th st.
181	David A. Whitley	"	22	Teamster	14 Vere Aire-Sub.
182	Edward L. Sinex	"	25	Seaman	367 E. 7th st.-Sub.

No. of alarms responded to: 93; bell, 64; telephone, 29; still, 3. Hours in service, —.

Appointments: Milton V. Brown, May 24th, at 10 A. M.; Fred C. Schmidtke, May 25th, at 4 P. M.; Glen W. Griffin, July 29th, 12:05 P. M.; Frank C. Needham, Aug. 7, 6 P. M.

Transfers: Fred B. Day, April 24th, to Engine No. 12, 6 P. M.; James T. Emert, July 21, 6 P. M., to Hose No. 4; M. O. Bliss, from Chemical No. 3, Oct. 8, 6 P. M.

Resignations: C. D. Geil, April 1.

Removals: Frank C. Needham, Oct. 16, 6 P. M.; M. O. Bliss, Nov. 12, 12 M.

Inventory: Apparatus, 1 four-wheeled hose wagon; hose, 2000 feet wax treated cotton; horses, 2; harness, 1 set double.

ANNUAL REPORT OF HOSE CO. NO. 4 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 1660 Thirteenth Street.

Badge	NAME	Position	Age	Occupation	Residence
21	Geo. W. Stokes	Captain	41	Fireman	613 Tenino Ave.
27	J. F. Emert	Driver	30	Carpenter	571 " "
26	Clarnce D. Shane	Hoseman	28	Teamster	568 Miller "
23	Vrene V. Eyston	"	28	Carpenter	1672½ E. 13th st.
25	Gus V. Barks	"	28	Logger	1660 E. 13th st.
22	Ralph G. Voss	"	32	Teacher	" " "

No. of alarms responded to: 6; bell, 0; telephone, 4; still, 2. Hours in service: 5:24.

Appointments: Verne V. Eyston, August 1, 1907; Gus V. Barks, August 1, 1907; Ralph G. Voss, August 1, 1907.

Transfers: Arthur A. Cooper, to Engine No. 3, August 15, 1907; Clarence D. Shane, from Engine No. 3, August 15, 1907.

Inventory: Apparatus, 1 Amoskeag hose reel; hose, 1728 feet 2-inch Keystone; horses, 4; harness, 1 set double, "Berry collars."

ANNUAL REPORT OF HOSE CO. NO. 6 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 329 N. Twentieth Street.

Badge	NAME	Position	Age	Occupation	Residence
190	Harry A. Pollock	Captain	29	R. R. Brakeman	327 N. 20th st.
191	W. C. Spickelmier	Lieutenant	28	Carpenter	Engine House
192	John W. Martin	Driver	28	Transfer Man	" "
193	James G. Brann	Hoseman	26	Painter	" "
194	H. Van Lom	"	29	Clerk	" "
195	W. A. Wilson	"	27	Engineer	328 1/2 N. 17th st.

No. of alarms responded to: 92; bell, 40; telephone, 49; still, 3. Hours in service: 71:05.

Appointments: John M. Welsh, Jan. 16; Geo. W. Tabaka, March 8; H. Van Lorn, March 7; John W. Martin, May 24; James G. Brann, July 31.

Transfers: Pearl Howlett, to Hose Co. No. 1, Feb. 13; L. G. Simon, to Engine Co. No. 3, Feb. 12; John Keegan, from Engine Co. No. 6, Feb. 17; Everett V. Borden, to Engine Co. No. 11, April 18; Harry A. Pollock, from Engine Co. No. 3, April 18; Geo. W. Tabaka, to Engine Co. No. 3, April 30; W. C. Spickelmier, from Chemical Co. No. 1, Dec. 5; John M. Welsh, to Hose Co. No. 1, Dec. 5.

Resignations: Arthur Pullen, Feb. 14; Charles M. Shipman, July 6; John Keegan, Oct. 9.

Removal: H. Blackford, Jan. 19.

Inventory: Apparatus, 1 hose wagon; hose, 2000 feet 2 1/2-in. cotton, 300 feet 1 1/2-in. cotton; horses, 2; harness, 1 double set.

ANNUAL REPORT OF CHEMICAL CO. NO. 1 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 69 Second Street.

Badge	NAME	Position	Age	Occupation	Residence
11	H. E. Hawkins	Captain	27	Fireman	69 Second st.
12	W. H. Green	Driver	31	Salesman	228 Seventh st.
13	William E. Shell	Pipeman	29	Engineer	69 Second st.

No. of alarms responded to: 176; bell, 89; telephone, 78; still, 9. Hours in service: 122:51.

Appointments: H. E. Hawkins, Captain of Chemical No. 1, Feb. 9th, 12 M.

Transfers: H. E. Hawkins, from Lieutenant of Truck No. 1 to Captain of Chemical No. 1, Feb. 9th, 12 M.; W. C. Spickelmier, from Engine No. 3 to Chemical No. 1, Feb. 12th, 6 P. M.; W. H. Green, from Hose No. 1 to Chemical No. 1, May 23d, 6 P. M.; W. C. Spickelmier, from Chemical No. 1 to Lieutenant of Hose No. 6, Dec. 5th, 6 P. M.; William E. Shell, from Truck No. 3 to Chemical No. 1, Dec. 5th, 6 P. M.

Removals: A. Turnbull; G. H. Guild and F. W. Kipper, Feb. 8th, 6 P. M.

Inventory: Apparatus, 1 double 80-gal. Champion Chemical; hose, 250 feet 1-inch Chemical; horses, 2; arness, 1 double set.

ANNUAL REPORT OF CHEMICAL CO. NO. 2 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 273 First Street.

Badge	NAME	Position	Age	Occupation	Residence
14	W. R. Kerrigan	Captain	44	Stone Mason	273 First st.
15	T. McLeod	Driver	37	Teamster	" "
16	F. H. Rittenour	Pipeman	28	Clerk	" "

No. of alarms responded to: 215; bell, 112; telephone, 82; still, 21. Hours in service, 159.

Inventory: Apparatus, 1 Champion double 6 Chemical; hose, 250 feet 1-inch rubber; horses, 2; harness, 1 double set.

ANNUAL REPORT OF CHEMICAL CO. NO. 3 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 227 Union Avenue North.

Badge	NAME	Position	Age	Occupation	Residence
17	J. G. Stevens	Act. Captain	40	Stage Carpenter	512½ Williams Ave.
18	Geo. W. Dustin, Jr.	Sub. Driver	30	Surveyor	335 E. 15th st. N.

No. of alarms responded to: 65; bell, 31; telephone, 27; still, 7. Hours in service: 69:49.

Transfers: O. M. Bliss, to Hose No. 3, 6 P. M., Oct. 8th.

Resignation: D. M. Lloyd, Sept. 3d, 6 P. M.

Inventory: Apparatus, 1 3½ Champion double 60-gallon tank Chemical; hose, 200 feet Chemical; horses, 2; harness, 1 double set.

ANNUAL REPORT OF CHEMICAL CO. NO. 4 FOR YEAR ENDING DECEMBER 31ST, 1907.

Location, 1027 Union Avenue North.

Badge	NAME	Position	Age	Occupation	Residence
112	W. C. Morrison	Captain	40	Fireman	1061 E. 6th st. N.
111	Charles Reznor	Driver	39	Fireman	1014 Union Ave. N.
112	W. A. Smith	Pipeman	29	School Teacher	University Ave.

No. of alarms responded to: 30; bell, 5; telephone, 20; still 5. Hours in service: 35:29.

Appointments: W. A. Smith, as pipeman, Aug. 1st, 1907.

Inventory: Apparatus, Chemical engine, 2-60 gal.; hose, 200 feet 1-inch; horses, 2; harness, 1 double set.

HYDRANTS.

NORTHERN DISTRICT.

- Front and Morrison streets, northeast corner, 6-inch supply.
- Front and Alder, southeast corner, 6-inch supply.
- Front and Alder, northwest corner, 6-inch supply.
- Front and Washington, northeast, 6-inch supply.
- Front and Washington, northwest, 6-inch supply.
- Front and Stark, southwest corner, 6-inch supply.
- Front and Stark, northwest corner, 6-inch supply.
- Front and Oak, northeast corner, 6-inch supply.
- Front and Oak, northwest corner, 6-inch supply.
- Front and Pine, northwest corner, 6-inch supply.
- Front and Pine, northeast corner, 6-inch supply.
- Front and Ash, southeast corner, 6-inch supply.
- Front and Ash, northeast corner, 6-inch supply.
- Front, between Ankeny and Ash, east side, 6-inch supply.
- Front and Ankeny, southwest corner, 6-inch supply.
- Front and Burnside, southwest corner, 6-inch supply.
- Front and Burnside, northeast corner, 6-inch supply.
- Front and Couch, southwest corner, 4-inch supply.
- Front and Couch, northwest corner, 6-inch supply.
- Front and Couch, northeast corner, 6-inch supply.
- Front and Davis, northwest corner, 6-inch supply.
- Front and Davis, northeast corner, 6-inch supply.
- Front and Everett, southeast corner, 6-inch supply.
- Front and Everett, northwest corner, 6-inch supply.
- Front and Flanders, northeast corner, 6-inch supply.
- Front and Flanders, southeast corner, 6-inch supply.
- Front, between Glisan and Hoyt, west side, 3-inch supply.
- Front and Glisan, southwest corner, 6-inch supply.
- Front and Hoyt, west side, 4-inch supply.
- Front and Johnson, northwest corner, 3-inch supply.
- O. R. & N. freight shed, south end, 3-inch supply.
- O. R. & N. freight shed, midway, 3-inch supply.
- O. R. & N. freight shed, north end, 3-inch supply.
- Front and Northrup, northwest corner, 3-inch supply.
- Front and Pettygrove, southwest corner, 3-inch supply.
- Front and Quimby, northwest corner, 6-inch supply.
- Front and Raleigh, southwest corner, 6-inch supply.
- Front and Savier, northwest corner, 6-inch supply.
- Front and Thurman, northwest corner, 6-inch supply.

HYDRANTS—Continued.

Northern District.

Front and Upshur, northwest corner, 6-inch supply.
 Stock Yards, west, 6-inch supply.
 Front and Nineteenth, in front of Iron Works, west side, 6-inch supply.
 Front and Hull, southwest corner, 6-inch supply.
 Front and Charles, northeast corner, 6-inch supply.
 Front and John, southwest corner, 6-inch supply.
 Front and Colton, southwest corner, 6-inch supply.
 Front and Rock, southwest corner, 6-inch supply.
 North Pacific Mill Yard, 8 hydrants, 3-inch supply.
 First and Morrison, northeast corner, 4-inch supply.
 First and Washington, northeast corner, 6-inch supply.
 First and Oak, northwest corner, 6-inch supply.
 First and Pine, northwest corner, 4-inch supply.
 First and Ankeny, northwest corner, 6-inch supply.
 First and Burnside, southeast corner, 6-inch supply.
 First and Couch, southeast corner, 4-inch supply.
 First and Everett, southwest corner, 6-inch supply.
 First and Everett, northwest corner, 6-inch supply.
 First and Flanders, northeast corner, 6-inch supply.
 Second and Morrison, northeast corner, 6-inch supply.
 Second and Morrison, northwest corner, 6-inch supply.
 Second and Alder, southwest corner, 6-inch supply.
 Second and Alder, northwest corner, 6-inch supply.
 Second and Washington, northeast corner, 6-inch supply.
 Second and Washington, northwest corner, 6-inch supply.
 Second and Washington, southwest corner, 6-inch supply.
 Second and Stark, southwest corner, 6-inch supply.
 Second and Stark, northwest corner, 6-inch supply.
 Second and Oak, northwest corner, 6-inch supply.
 Second and Oak, southwest corner, 6-inch supply.
 Second and Pine, northwest corner, 6-inch supply.
 Second and Pine, southwest corner, 6-inch supply.
 Second and Ash, southwest corner, 4-inch supply.
 Second and Ash, southwest corner, 6-inch supply.
 Second and Ash, northwest corner, 6-inch supply.
 Second and Ankeny, southwest corner, 6-inch supply.
 Second and Ankeny, northwest corner, 6-inch supply.
 Second, between Ash and Ankeny, east side, 4-inch supply.
 Second and Burnside, northwest corner, 6-inch supply.
 Second and Burnside, southwest corner, 6-inch supply.
 Second and Couch, southwest corner, 6-inch supply.

HYDRANTS—Continued.

Northern District.

Second and Couch, northwest corner, 6-inch supply.
 Second and Davis, southwest corner, 3-inch supply.
 Second and Davis, southwest corner, 6-inch supply.
 Second and Davis, northwest corner, 6-inch supply.
 Second and Everett, southwest corner, 6-inch supply.
 Second and Everett, northwest corner, 6-inch supply.
 Second and Flanders, southwest corner, 6-inch supply.
 Second and Flanders, northwest corner, 6-inch supply.
 Second and Glisan, southeast corner, 6-inch supply.
 Second and Glisan, southwest corner, 6-inch supply.
 Third and Alder, northwest corner, 3-inch supply.
 Third and Washington, northeast corner, 6-inch supply.
 Third and Stark, southwest corner, 3-inch supply.
 Third and Stark, northeast corner, 6-inch supply.
 Third and Oak, southeast corner, 6-inch supply.
 Third and Pine, southwest corner, 3-inch supply.
 Third and Ankeny, northwest corner, 3-inch supply.
 Third and Burnside, southwest corner, 3-inch supply.
 Third and Couch, southwest corner, 3-inch supply.
 Third and Davis, southwest corner, 3-inch supply.
 Third and Everett, southwest corner, 3-inch supply.
 Third and Flanders, southwest corner, 3-inch supply.
 Third and Glisan, northwest corner, 6-inch supply.
 Fourth and Morrison, northeast corner, 4-inch supply.
 Fourth and Alder, southeast corner, 4-inch supply.
 Fourth and Washington, northeast corner, 4-inch supply.
 Fourth and Stark, southwest corner, 6-inch supply.
 Fourth and Oak, southwest corner, 6-inch supply.
 Fourth and Pine, southwest corner, 6-inch supply.
 Fourth and Pine, southeast corner, 6-inch supply.
 Fourth and Couch, northeast corner, 4-inch supply.
 Fourth and Davis, southwest corner, 3-inch supply.
 Fourth and Davis, southwest corner, 6-inch supply.
 Fourth and Everett, northeast corner, 6-inch supply.
 Fourth and Glisan, northeast corner, 4-inch supply.
 Fourth and Glisan, northwest corner, 6-inch supply.
 Fifth and Alder, northeast corner, 4-inch supply.
 Fifth and Alder, northwest corner, 6-inch supply.
 Fifth and Washington, northeast corner, 4-inch supply.
 Fifth and Washington, southwest corner, 6-inch supply.
 Fifth and Stark, northwest corner, 6-inch supply.

HYDRANTS—Continued.

Northern District.

Fifth and Oak, northeast corner, 4-inch supply.
 Fifth and Oak, southwest corner, 6-inch supply.
 Fifth and Pine, southwest corner, 6-inch supply.
 Fifth and Ankeny, southeast corner, 6-inch supply.
 Fifth and Ankeny, southwest corner, 6-inch supply.
 Fifth and Burnside, southwest corner, 6-inch supply.
 Fifth and Couch, southwest corner, 6-inch supply.
 Fifth and Couch, southeast corner, 3-inch supply.
 Fifth and Davis, southwest corner, 6-inch supply.
 Fifth and Everett, southeast corner, 6-inch supply.
 Fifth and Flanders, northwest corner, 6-inch supply.
 Fifth and Hoyt, southeast corner, 6-inch supply.
 Sixth and Alder, northeast corner, 4-inch supply.
 Sixth and Washington, southwest corner, 4-inch supply.
 Sixth and Stark, southwest corner, 6-inch supply.
 Sixth and Stark, southwest corner, 3-inch supply.
 Sixth and Oak, northwest corner, 6-inch supply.
 Sixth and Pine, southwest corner, 3-inch supply.
 Sixth and Couch, northwest corner, 3-inch supply.
 Sixth and Glisan, northwest corner, 3-inch supply.
 Sixth and Irving, northwest corner, 3-inch supply.
 Seventh and Alder, northwest corner, 6-inch supply.
 Seventh and Washington, southwest corner, 6-inch supply.
 Seventh and Washington, northwest corner, 6-inch supply.
 Seventh and Stark, northwest corner, 6-inch supply.
 Seventh and Oak, northwest corner, 6-inch supply.
 Seventh and Oak, northeast corner, 6-inch supply.
 Seventh and Ankeny, northwest corner, 6-inch supply.
 Seventh and Burnside, northwest corner, 6-inch supply.
 Seventh and Couch, northwest corner, 6-inch supply.
 Seventh and Davis, northwest corner, 6-inch supply.
 Seventh and Everett, northwest corner, 6-inch supply.
 Seventh and Flanders, northwest corner, 6-inch supply.
 Seventh and Flanders, northwest corner, 4-inch supply.
 Seventh and Glisan, northwest corner, 6-inch supply.
 Seventh and Hoyt, northwest corner, 4-inch supply.
 Seventh and Hoyt, southwest corner, 6-inch supply.
 Seventh and Johnson, southeast corner, 3-inch supply.
 Park and Morrison, northeast corner, 6-inch supply.
 Park and Alder, southeast corner, 6-inch supply.
 Park and Alder, northeast corner, 4-inch supply.

HYDRANTS—Continued.

Northern District.

Park and Washington, northeast corner, 6-inch supply.
 Park and Stark, southeast corner, 6-inch supply.
 Park and Stark, southwest corner, 6-inch supply.
 Park and Burnside, southwest corner, 6-inch supply.
 Park and Davis, southwest corner, 3-inch supply.
 Park and Glisan, northeast corner, 6-inch supply.
 West Park and Morrison, northwest corner, 4-inch supply.
 West Park and Alder, northeast corner, 6-inch supply.
 West Park and Washington, southwest corner, 4-inch supply.
 Ninth and Burnside, northeast corner, 6-inch supply.
 Ninth and Hoyt, northeast corner, 4-inch supply.
 Tenth and Morrison, northwest corner, 4-inch supply.
 Tenth and Alder, southwest corner, 4-inch supply.
 Tenth and Washington, northwest corner, 6-inch supply.
 Tenth and Stark, southwest corner, 6-inch supply.
 Tenth and Stark, northwest corner, 6-inch supply.
 Tenth and Burnside, southeast corner, 6-inch supply.
 Tenth and Davis, northwest corner, 6-inch supply.
 Tenth and Davis, southwest corner, 6-inch supply.
 Tenth and Everett, southwest corner, 6-inch supply.
 Tenth and Everett, northwest corner, 6-inch supply.
 Tenth and Flanders, southwest corner, 6-inch supply.
 Tenth and Flanders, northwest corner, 6-inch supply.
 Tenth and Glisan, northwest corner, 6-inch supply.
 Tenth and Glisan, southwest corner, 6-inch supply.
 Tenth and Irving, northwest corner, 6-inch supply.
 Tenth and Irving, southwest corner, 6-inch supply.
 Tenth and Johnson, southwest corner, 6-inch supply.
 Tenth and Johnson, northwest corner, 6-inch supply.
 Tenth and Kearney, southwest corner, 6-inch supply.
 Tenth and Kearney, northwest corner, 6-inch supply.
 Tenth and Lovejoy, southwest corner, 6-inch supply.
 Tenth and Lovejoy, northwest corner, 6-inch supply.
 Eleventh and Alder, northeast corner, 6-inch supply.
 Eleventh and Stark, southeast corner, 3-inch supply.
 Eleventh and Burnside, northwest corner, 6-inch supply.
 Eleventh and Davis, southwest corner, 6-inch supply.
 Eleventh and Everett, southeast corner, 3-inch supply.
 Eleventh and Flanders, northwest corner, 6-inch supply.
 Eleventh and Irving, southwest corner, 3-inch supply.
 Twelfth and Burnside, northeast corner, 6-inch supply.

HYDRANTS—Continued.

Northern District.

Twelfth and Davis, southeast corner, 3-inch supply.
 Twelfth and Davis, southwest corner, 6-inch supply.
 Twelfth and Glisan, southeast corner, 3-inch supply.
 Twelfth and Lovejoy, southeast corner, 3-inch supply.
 Twelfth and Northrup, southeast corner, 3-inch supply.
 Thirteenth and Burnside, northwest corner, 6-inch supply.
 Thirteenth and Flanders, northwest corner, 6-inch supply.
 Thirteenth and Kearney, northwest corner, 3-inch supply.
 Fourteenth and Alder, southwest corner, 3-inch supply.
 Fourteenth and Alder, northwest corner, 6-inch supply.
 Fourteenth and Washington, northwest corner, 3-inch supply.
 Fourteenth and Washington, northwest corner, 6-inch supply.
 Fourteenth and Burnside, northwest corner, 6-inch supply.
 Fourteenth and Couch, southwest corner, 6-inch supply.
 Fourteenth and Davis, southwest corner, 4-inch supply.
 Fourteenth and Everett, southwest corner, 6-inch supply.
 Fourteenth and Flanders, southwest corner, 6-inch supply.
 Fourteenth and Johnson, southwest corner, 3-inch supply.
 Fourteenth and Overton, southwest corner, 3-inch supply.
 Fourteenth and Quimby, southwest corner, 3-inch supply.
 Fourteenth and Savier, southeast corner, 6-inch supply.
 Fourteenth and Savier, southwest corner, 3-inch supply.
 Fourteenth and Thurman, southwest corner, 6-inch supply.
 Fifteenth and Burnside, northeast corner, 6-inch supply.
 Fifteenth and Davis, southwest corner, 4-inch supply.
 Fifteenth and Flanders, southeast corner, 3-inch supply.
 Fifteenth and Thurman, southwest corner, 3-inch supply.
 Sixteenth and Washington, southeast corner, 6-inch supply.
 Sixteenth and Hoyt, northwest corner, 6-inch supply.
 Sixteenth and Kearney, southwest corner, 6-inch supply.
 Sixteenth and Northrup, southwest corner, 3-inch supply.
 Sixteenth and Pettygrove, northwest corner, 3-inch supply.
 Sixteenth and Savier, northwest corner, 4-inch supply.
 Seventeenth and Washington, northwest corner, 6-inch supply.
 Seventeenth and Davis, southwest corner, 3-inch supply.
 Seventeenth and Flanders, northwest corner, 6-inch supply.
 Seventeenth and Marshall, northwest corner, 3-inch supply.
 Seventeenth and Upshur, northwest corner, 6-inch supply.
 Eighteenth and Washington, northwest corner, 4-inch supply.
 Eighteenth and Everett, northwest corner, 3-inch supply.
 Eighteenth and Irving, northwest corner, 4-inch supply.

HYDRANTS—Continued.

Northern District.

Eighteenth and Kearney, northwest corner, 3-inch supply.
 Eighteenth and Overton, northeast corner, 3-inch supply.
 Eighteenth and Quimby, northeast corner, 3-inch supply.
 Eighteenth and Savier, northeast corner, 3-inch supply.
 Nineteenth and Washington, northeast corner, 3-inch supply.
 Nineteenth and Davis, southeast corner, 3-inch supply.
 Nineteenth and Flanders, southeast corner, 3-inch supply.
 Nineteenth and Hoyt, southeast corner, 6-inch supply.
 Nineteenth and Johnson, southeast corner, 3-inch supply.
 Nineteenth and Lovejoy, southeast corner, 3-inch supply.
 Nineteenth and Northrup, southeast corner, 3-inch supply.
 Nineteenth and Pettygrove, southeast corner, 3-inch supply.
 Nineteenth and Raleigh, southeast corner, 3-inch supply.
 Nineteenth and Thurman, northwest corner, 3-inch supply.
 Nineteenth and Upshur, southeast corner, 3-inch supply.
 Nineteenth and Vaughn, northeast corner, 3-inch supply.
 Nineteenth and Sherlock avenue, southeast corner, 3-inch supply.
 Twentieth and Washington, northeast corner, 3-inch supply.
 Twentieth and Everett, southeast corner, 3-inch supply.
 Twentieth and Irving, southeast corner, 3-inch supply.
 Twentieth and Kearney, southeast corner, 3-inch supply.
 Twentieth and Marshall, northeast corner, 3-inch supply.
 Twentieth and Quimby, northwest corner, 3-inch supply.
 Twentieth and Thurman, northwest corner, 3-inch supply.
 Twentieth and Roosevelt, northeast corner, 6-inch supply.
 Bet. Twentieth and Twenty-first on Johnson, north side, 4-inch supply.
 Twenty-first and Davis, southeast corner, 4-inch supply.
 Twenty-first and Everett, southeast corner, 4-inch supply.
 Twenty-first and Flanders, southeast corner, 3-inch supply.
 Twenty-first and Hoyt, southeast corner, 3-inch supply.
 Twenty-first and Johnson, southeast corner, 3-inch supply.
 Twenty-first and Kearney, southeast corner, 4-inch supply.
 Twenty-first and Marshall, southeast corner, 4-inch supply.
 Twenty-first and Northrup, northwest corner, 3-inch supply.
 Twenty-first and Pettygrove, southeast corner, 4-inch supply.
 Twenty-first and Quimby, northeast corner, 3-inch supply.
 Twenty-first and Savier, northwest corner, 3-inch supply.
 Twenty-first and Thurman, northeast corner, 4-inch supply.
 Twenty-first and Vaughn, southeast corner, 4-inch supply.
 Twenty-first and Roosevelt, southeast corner, 4-inch supply.
 Twenty-first and Reed, southeast corner, 4-inch supply.

HYDRANTS—Continued.

Northern District.

Twenty-second and Washington, northeast corner, 3-inch supply.
 Twenty-second and Everett, southeast corner, 3-inch supply.
 Twenty-second and Glisan, southeast corner, 3-inch supply.
 Twenty-second and Irving, southeast corner, 3-inch supply.
 Twenty-second and Lovejoy, southeast corner, 3-inch supply.
 Twenty-second and Northrup, southeast corner, 3-inch supply.
 Twenty-second and Pettygrove, southeast corner, 3-inch supply.
 Twenty-second and Savier, southeast corner, 3-inch supply.
 Twenty-second and Thurman, northeast corner, 3-inch supply.
 Twenty-second and Vaughn, northwest corner, 4-inch supply.
 Twenty-second and Upshur, northeast corner, 3-inch supply.
 Twenty-second and Wilson, northeast corner, 3-inch supply.
 Twenty-second and York, northeast corner, 3-inch supply.
 Twenty-second and Nicolai, southeast corner, 3-inch supply.
 Lucretia Place and Washington, northwest corner, 4-inch supply.
 Lucretia Place and Everett, southwest corner, 6-inch supply.
 Fairbanks and Nicolai, between Twenty-second and Twenty-third, 6-inch supply.
 Twenty-third and Washington, northwest corner, 3-inch supply.
 Twenty-third and Flanders, southeast corner, 3-inch supply.
 Twenty-third and Glisan, southeast corner, 3-inch supply.
 Twenty-third and Hoyt, southeast corner, 3-inch supply.
 Twenty-third and Johnson, northeast corner, 3-inch supply.
 Twenty-third and Lovejoy, northeast corner, 3-inch supply.
 Twenty-third and Northrup, northwest corner, 3-inch supply.
 Twenty-third and Quimby, northeast corner, 3-inch supply.
 Twenty-third and Savier, northwest corner, 3-inch supply.
 Twenty-third and Vaughn, northwest corner, 4-inch supply.
 Twenty-third and Roosevelt, northwest corner, 6-inch supply.
 Twenty-third and Nicolai, southeast corner, 6-inch supply.
 Between Twenty-third and Twenty-fourth on Nicolai, south side, 6-inch.
 Twenty-fourth and Washington, at brewery office, 3-inch supply.
 Twenty-fourth and Flanders, northeast corner, 3-inch supply.
 Twenty-fourth and Glisan, northeast corner, 6-inch supply.
 Twenty-fourth and Hoyt, northeast corner, 6-inch supply.
 Twenty-fourth and Irving, southeast corner, 6-inch supply.
 Twenty-fourth and Johnson, northeast corner, 3-inch supply.
 Twenty-fourth and Kearney, southwest corner, 3-inch supply.
 Twenty-fourth and Lovejoy, northeast corner, 3-inch supply.
 Twenty-fourth and Northrup, northwest corner, 3-inch supply.
 Twenty-fourth and Overton, northwest corner, 6-inch supply.

HYDRANTS—Continued.

Northern District.

Twenty-fourth and Pettygrove, northeast corner, 3-inch supply.
 Twenty-fourth and Savier, northeast corner, 3-inch supply.
 Twenty-fourth and Roosevelt, northeast corner, 6-inch supply.
 Twenty-fourth and Nicolai, southeast corner, 3-inch supply.
 Vaughn and Dover, northeast corner, 4-inch supply.
 Cornell and Hoyt, St. Vincent's Hospital, 4-inch supply.
 Cornell and St. Vincent's Hospital, east side, 6-inch supply.
 Two hydrants on Melinda ave. at St. Vincent's Hospital, 4-inch supply.
 Twenty-fifth and Johnson, northeast corner, 3-inch supply.
 Twenty-fifth and Kearney, northeast corner, 4-inch supply.
 Twenty-fifth and Marshall, northeast corner, 3-inch supply.
 Twenty-fifth and Northrup, northeast corner, 6-inch supply.
 Twenty-fifth and Pettygrove, northeast corner, 6-inch supply.
 Twenty-fifth and Savier, northeast corner, 3-inch supply.
 Twenty-fifth and Thurman, northeast corner, 6-inch supply.
 Twenty-fifth and Upshur, northwest corner, 6-inch supply.
 Twenty-fifth and Vaughn, northeast corner, 4-inch supply.
 Twenty-fifth and Wilson, northeast corner, 4-inch supply.
 Lake, 200 feet north of Nicolai, 4-inch supply.
 Foot of Lake, 3-inch supply.
 Twenty-fifth and Nicolai, southwest corner, 6-inch supply.
 Vaughn, bet. Twenty-fifth and Twenty-sixth, north side, 4-inch supply.
 Twenty-sixth and Northrup, northeast corner, 6-inch supply.
 Twenty-sixth and Overton, southeast corner, 6-inch supply.
 Twenty-sixth and Savier, northeast corner, 4-inch supply.
 Twenty-sixth and Upshur, northeast corner, 6-inch supply.
 Twenty-sixth and Vaughn, northeast corner, 4-inch supply.
 Twenty-sixth and Nicolai, southeast corner, 6-inch supply.
 Twenty-seventh and Savier, northwest corner, 3-inch supply.
 Twenty-seventh and Thurman, northeast corner, 3-inch supply.
 Twenty-seventh and Upshur, northeast corner, 6-inch supply.
 Twenty-ninth and Raleigh, northwest corner, 4-inch supply.
 Twenty-ninth and Thurman, northeast corner, 6-inch supply.
 Thirty-second and Thurman, northwest corner, 4-inch supply.
 Thirty-second and Franklin, southwest corner, 4-inch supply.
 Rugby and Thurman, northwest corner, 4-inch supply.

FAIR GROUNDS HYDRANTS.

Head Vaughn, near Twenty-sixth, 6-inch supply.
 Foreign Building, southwest corner, 6-inch supply.
 Center Foreign Building, west side, 4-inch supply.
 Foreign Building, northwest corner, 4-inch supply.
 Foreign Building, center east side, 4-inch supply.
 Foreign Building, northeast corner, 4-inch supply.
 Foreign Building, northwest corner, 4-inch supply.
 Agriculture Building, northwest corner, 6-inch supply.
 Agriculture Building, southwest corner, 4-inch supply.
 Agriculture Building, north end, 6-inch supply.
 Oriental Building, southwest corner, 4-inch supply.
 Oriental Building, center west side, 4-inch supply.
 Manufactures Building, center west side, 6-inch supply.
 Washington Building, southeast corner, 4-inch supply.
 Total number of hydrants, Northern District, 377.

HYDRANTS.

Southern District.

Macadam and Curry, southeast corner, 6-inch supply.
 Macadam and Gaines, southwest corner, 3-inch supply.
 Macadam and Powell, northeast corner, 6-inch supply.
 Macadam, between Lowell and Bancroft, east side, 6-inch supply.
 Macadam and Bancroft, southeast corner, 6-inch supply.
 Macadam and Bancroft, southeast corner, 3-inch supply.
 Macadam, between Bancroft and Hamilton, east side, 6-inch supply.
 Macadam and Hamilton avenue, northeast corner, 3-inch supply.
 Macadam and Hamilton avenue, southeast corner, 6-inch supply.
 Macadam and Seymour, southeast corner, 6-inch supply.
 Macadam and Admiral, northeast corner, 3-inch supply.
 Macadam, between Terwilliger and Lee, east side, 3-inch supply.
 Macadam, between Terwilliger and Lee, east side, 6-inch supply.
 Macadam and Boundary, northeast corner, 6-inch supply.
 Macadam, between Sweeney and Boundary, east side, 6-inch supply.
 Macadam and Sweeney, southeast corner, 6-inch supply.
 Macadam, between Flower and Sweeney, east side, 3-inch supply.
 Macadam, between Sweeney and Flower, east side, 6-inch supply.
 Macadam and Flower, southwest corner, 6-inch supply.
 Macadam, between Flower and Thompson, west side, 6-inch supply.
 Macadam and Thompson, northeast corner, 6-inch supply.
 Macadam and Thompson, southwest corner, 6-inch supply.
 Macadam and Caroline, northeast corner, 3-inch supply.
 Macadam, between Thompson and Caroline, west side, 6-inch supply.
 Macadam and Dakota, southeast corner, 6-inch supply.
 Macadam, between Nevada and Miles, east side, 3-inch supply.
 Macadam, between Nebraska and Idaho, east side, 3-inch supply.
 Macadam, between Florida and Vermont, east side, 3-inch supply.
 Macadam, between California and Texas, east side, 3-inch supply.
 Macadam, between Nevada and Miles, east side, 3-inch supply.
 Macadam and Miles, southeast corner, 3-inch supply.
 Macadam, between Miles and Cemetery, east side, 3-inch supply.
 Macadam, between Miles and Cemetery, east side, 3-inch supply.
 Macadam and Tannery, east side, 4-inch supply.
 Florida, between Macadam and Virginia, south side, 4-inch supply.
 Hamilton and Ohio, northeast corner, 4-inch supply.
 Hood and Lincoln, northeast corner, 6-inch supply.

HYDRANTS—Continued.

Southern District.

Hood and Caruthers, southwest corner, 3-inch supply.
 Hood and Sheridan, southeast corner, 6-inch supply.
 Hood and Baker, northeast corner, 3-inch supply.
 Hood and Meade, southwest corner, 3-inch supply.
 Hood and Grover, southeast corner, 3-inch supply.
 Hood and Whittaker, southeast corner, 3-inch supply.
 Hood and Pennoyer, southeast corner, 3-inch supply.
 Kelly and Gaines, southeast corner, 4-inch supply.
 Kelly and Lane, southeast corner, 4-inch supply.
 Kelly and Abernethy, southeast corner, 4-inch supply.
 Kelly and Thomas, southeast corner, 4-inch supply.
 Kelly and Bancroft avenue, southeast corner, 4-inch supply.
 Kelly and Bancroft avenue, northwest corner, 4-inch supply.
 Kelly and Hamilton, southeast corner, 6-inch supply.
 Corbett and Porter, northwest corner, 3-inch supply.
 Corbett and Gibbs, southeast corner, 3-inch supply.
 Corbett and Curry, southeast corner, 3-inch supply.
 Corbett and Gaines, southeast corner, 3-inch supply.
 Corbett and Abernethy, southeast corner, 3-inch supply.
 Corbett and Lowell avenue, southeast corner, 3-inch supply.
 Corbett and Bancroft, southeast corner, 6-inch supply.
 Corbett and Hamilton, southeast corner, 3-inch supply.
 Virginia and Nebraska, southeast corner, 6-inch supply.
 Virginia and Idaho, northwest corner, 3-inch supply.
 Nebraska, between Virginia and Wisconsin, south side, 6-inch supply.
 Idaho, between Virginia and Wisconsin, north side, 4-inch supply.
 Wisconsin and Nebraska, southeast corner, 6-inch supply.
 Water and Columbia, southwest corner, 3-inch supply.
 Water and Clay, southwest corner, 3-inch supply.
 Water and Mill, northeast corner, 3-inch supply.
 Water and Montgomery, northeast corner, 3-inch supply.
 Water and Harrison, northeast corner, 3-inch supply.
 Water and Hood, east side, 6-inch supply.
 Water and Hooker, northwest corner, 3-inch supply.
 Water and Grover, southeast corner, 3-inch supply.
 Front and Morrison, southeast corner, 6-inch supply.
 Front and Yamhill, southeast corner, 6-inch supply.
 Front and Yamhill, northwest corner, 6-inch supply.
 Front and Taylor, southeast corner, 6-inch supply.
 Front and Taylor, northwest corner, 6-inch supply.
 Front and Salmon, southwest corner, 6-inch supply.

HYDRANTS—Continued.

Southern District.

Front and Salmon, northwest corner, 6-inch supply.
 Front and Main, southwest corner, 6-inch supply.
 Front and Main, northeast corner, 6-inch supply.
 Front and Madison, northeast corner, 6-inch supply.
 Front and Madison, southwest corner, 6-inch supply.
 Front and Jefferson, northwest corner, 4-inch supply.
 Front and Jefferson, northeast corner, 6-inch supply.
 Front and Columbia, southeast corner, 4-inch supply.
 Front and Columbia, northeast corner, 6-inch supply.
 Front and Clay, northeast corner, 6-inch supply.
 Front and Market, southwest corner, 4-inch supply.
 Front and Montgomery, southeast corner, 6-inch supply.
 Front and Hall, northeast corner, 6-inch supply.
 Front and Lincoln, northwest corner, 4-inch supply.
 Front and Caruthers, southwest corner, 4-inch supply.
 Front and Meade, southeast corner, 4-inch supply.
 Front and Porter, northwest corner, 6-inch supply.
 Front and Gibbs, northeast corner, 3-inch supply.
 Front and Curry, northeast corner, 3-inch supply.
 Front and Lowell, southwest corner, 4-inch supply.
 Front and Hamilton, southeast corner, 3-inch supply.
 First and Taylor, southwest corner, 4-inch supply.
 First and Salmon, southeast corner, 6-inch supply.
 First and Main, northwest corner, 4-inch supply.
 First and Madison, southwest corner, 4-inch supply.
 First and Jefferson, northeast corner, 4-inch supply.
 First and Columbia, southwest corner, 6-inch supply.
 First and Clay, southwest corner, 6-inch supply.
 First and Market, southwest corner, 6-inch supply.
 First and Mill, northwest corner, 6-inch supply.
 First and Montgomery, northwest corner, 6-inch supply.
 First and Harrison, southeast corner, 6-inch supply.
 First and Hall, southeast corner, 6-inch supply.
 First and College, east side, 6-inch supply.
 First and Lincoln, northeast corner, 6-inch supply.
 First and Grant, southeast corner, 3-inch supply.
 First and Grant, northwest corner, 6-inch supply.
 First and Sherman, southwest corner, 6-inch supply.
 First and Caruthers, southwest corner, 6-inch supply.
 First and Sheridan, southeast corner, 6-inch supply.
 First and Hooker, southeast corner, 6-inch supply.

HYDRANTS—Continued.

Southern District.

First and Woods, southeast corner, 3-inch supply.
 First and Whittaker, southeast corner, 3-inch supply.
 First and Pennqyer, southeast corner, 3-inch supply.
 First and Bancroft avenue, northeast corner, 3-inch supply.
 Second and Taylor, southwest corner, 6-inch supply.
 Second and Taylor, northwest corner, 6-inch supply.
 Second and Yamhill, southwest corner, 6-inch supply.
 Second and Yamhill, northwest corner, 6-inch supply.
 Second and Salmon, southwest corner, 6-inch supply.
 Second and Salmon, northwest corner, 6-inch supply.
 Second and Main, southwest corner, 6-inch supply.
 Second and Main, northwest corner, 6-inch supply.
 Second and Madison, southwest corner, 6-inch supply.
 Second and Madison, northwest corner, 6-inch supply.
 Second and Jefferson, northwest corner, 6-inch supply.
 Second and Jefferson, northeast corner, 6-inch supply.
 Second and Columbia, northwest corner, 4-inch supply.
 Second and Mill, southwest corner, 6-inch supply.
 Second and Harrison, southwest corner, 6-inch supply.
 Second and Lincoln, northwest corner, 3-inch supply.
 Second and Arthur, southeast corner, 6-inch supply.
 Second and Porter, northeast corner, 3-inch supply.
 Third and Yamhill, southwest corner, 4-inch supply.
 Third and Salmon, southwest corner, 4-inch supply.
 Third and Main, southwest corner, 6-inch supply.
 Third and Madison, southwest corner, 4-inch supply.
 Third and Clay, northwest corner, 3-inch supply.
 Third and Market, southwest corner, 4-inch supply.
 Third and Harrison, southwest corner, 4-inch supply.
 Third and Sheridan, northeast corner, 3-inch supply.
 Third and Hooker, northeast corner, 3-inch supply.
 Fourth, between Morrison and Yamhill, east side, 6-inch supply.
 Fourth and Salmon, northeast corner, 4-inch supply.
 Fourth and Salmon, southeast corner, 6-inch supply.
 Fourth and Madison, southeast corner, 4-inch supply.
 Fourth and Jefferson, northeast corner, 3-inch supply.
 Fourth and Mill, southwest corner, 4-inch supply.
 Fourth, between Mill and Montgomery, east side, 6-inch supply.
 Fourth and Harrison, northwest corner, 3-inch supply.
 Fourth and Hall, southwest corner, 6-inch supply.
 Fourth and Lincoln, northwest corner, 3-inch supply.

HYDRANTS—Continued.

Southern District.

Fourth and Sherman, southwest corner, 4-inch supply.
 Fourth and Sheridan, northwest corner, 4-inch supply.
 Fourth and Hooker, southeast corner, 4-inch supply.
 Fourth and Woods, northeast corner, 3-inch supply.
 Fifth and Morrison, southwest corner, 6-inch supply.
 Fifth and Yamhill, northwest corner, 6-inch supply.
 Fifth and Taylor, northwest corner, 6-inch supply.
 Fifth and Salmon, southwest corner, 6-inch supply.
 Fifth and Main northwest corner, 6-inch supply.
 Fifth and Madison, northwest corner, 6-inch supply.
 Fifth and Jefferson, southeast corner, 3-inch supply.
 Fifth and Jefferson, northwest corner, 6-inch supply.
 Fifth and Columbia, southeast corner, 4-inch supply.
 Fifth and Market, southeast corner, 6-inch supply.
 Fifth and Hall, northeast corner, 6-inch supply.
 Fifth and Grant, southwest corner, 3-inch supply.
 Sixth and Morrison, southeast corner, 4-inch supply.
 Sixth and Yamhill, southeast corner, 4-inch supply.
 Sixth and Madison, southeast corner, 6-inch supply.
 Sixth and Clay, northeast corner, 3-inch supply.
 Sixth and Harrison, southwest corner, 4-inch supply.
 Sixth and Hall, northeast corner, 6-inch supply.
 Sixth and Sherman, southeast corner, 3-inch supply.
 Sixth and Sheridan, northeast corner, 3-inch supply.
 Seventh and Morrison, southwest corner, 6-inch supply.
 Seventh and Yamhill, northwest corner, 6-inch supply.
 Seventh and Taylor, northwest corner, 6-inch supply.
 Seventh and Salmon, northwest corner, 6-inch supply.
 Seventh and Market, southeast corner, 3-inch supply.
 Seventh and Montgomery, northeast corner, 3-inch supply.
 Seventh and Jackson, southeast corner, 3-inch supply.
 Seventh and Lincoln, northeast corner, 3-inch supply.
 Seventh and Grant, northeast corner, 3-inch supply.
 Park and Yamhill, southwest corner, 6-inch supply.
 Park and Yamhill, northeast corner, 6-inch supply.
 Park and Taylor, southwest corner, 6-inch supply.
 Park and Salmon, northwest corner, 6-inch supply.
 West Park and Yamhill, southeast corner, 4-inch supply.
 West Park and Salmon, northwest corner, 4-inch supply.
 West Park and Jefferson, northwest corner, 4-inch supply.
 West Park and Clay, northwest corner, 3-inch supply.

HYDRANTS—Continued.

Southern District.

West Park and Mill, southwest corner, 3-inch supply.
 West Park and Harrison, southwest corner, 3-inch supply.
 West Park and College, southwest corner, 3-inch supply.
 Tenth and Yamhill, southwest corner, 4-inch supply.
 Tenth and Salmon, northwest corner, 4-inch supply.
 Tenth and Madison, northwest corner, 6-inch supply.
 Tenth and Jefferson, northwest corner, 6-inch supply.
 Eleventh and Salmon, northwest corner, 4-inch supply.
 Eleventh and Hall, northwest corner, 6-inch supply.
 Twelfth and Madison, northwest corner, 6-inch supply.
 Twelfth and Jefferson, northwest corner, 3-inch supply.
 Thirteenth and Salmon, northwest corner, 4-inch supply.
 Thirteenth and Columbia, southeast corner, 4-inch supply.
 Thirteenth and Montgomery, northwest corner, 3-inch supply.
 Thirteenth and Harrison, northeast corner, 6-inch supply.
 Thirteenth and Hall, northeast corner, 6-inch supply.
 Fourteenth and Morrison, southwest corner, 4-inch supply.
 Fourteenth and Taylor, northwest corner, 3-inch supply.
 Fourteenth and Main, southwest corner, 3-inch supply.
 Fourteenth and Jefferson, southwest corner, 3-inch supply.
 Fourteenth and Clay, northwest corner, 4-inch supply.
 Columbia, between Fourteenth and Sixteenth, north side, 4-inch supply.
 Clay, between Fourteenth and Sixteenth, north side, 4-inch supply.
 Market, between Fourteenth and Sixteenth, north side, 4-inch supply.
 Mill, between Fourteenth and Sixteenth, north side, 4-inch supply.
 Sixteenth and Jefferson, northwest corner, 6-inch supply.
 Sixteenth and Madison, northwest corner, 6-inch supply.
 Sixteenth and Taylor, southeast corner, 3-inch supply.
 Sixteenth and Montgomery, northeast corner, 3-inch supply.
 Sixteenth and College, southeast corner, 4-inch supply.
 Sixteenth and Clifton, northeast corner, 4-inch supply.
 Sixteenth and Elizabeth, northeast corner, 3-inch supply.
 Seventeenth and Jefferson, southeast corner, 4-inch supply.
 Seventeenth and Clay, northeast corner, 3-inch supply.
 Seventeenth and Myrtle, northeast corner, 4-inch supply.
 Chapman and Morrison, southeast corner, 4-inch supply.
 Chapman and Taylor, northeast corner, 3-inch supply.
 Chapman and Main, northwest corner, 4-inch supply.
 Chapman and Madison, northwest corner, 4-inch supply.
 Chapman and Mill, northeast corner, 3-inch supply.
 Chapman and Myrtle, southwest corner, 3-inch supply.

HYDRANTS—Continued.

Eastern District.

Chapman and Elizabeth, southwest corner, 3-inch supply.
 Stout and Main, southwest corner, 3-inch supply.
 Stout and Jefferson, northwest corner, 3-inch supply.
 Ford and Main, northeast corner, 3-inch supply.
 Ford and Market Street drive, southwest corner, 4-inch supply.
 King and Park avenue, southwest corner, 3-inch supply.
 St. Clair and Park avenue, northeast corner, 3-inch supply.
 Twentieth and Spring, northeast corner, 3-inch supply.
 Twentieth and Laurel, northwest corner, 3-inch supply.
 Twentieth and Jackson, southwest corner, 3-inch supply.
 Twentieth and Carter, southwest corner, 4-inch supply.
 260 feet north of Carter on Twentieth, south side, 4-inch supply.
 Twentieth and Market Street drive, 3-inch supply.
 King and Madison, northwest corner, 4-inch supply.
 King and Wayne, southwest corner, 3-inch supply.
 St. Clair and Madison, northeast corner, 4-inch supply.
 St. Clair and Wayne, northeast corner, 3-inch supply.

Total number of hydrants in Southern District, 259.

HYDRANTS.

Eastern District.

Fire Boat, foot of East Washington street, 4-inch supply.
 East Water and Hawthorne avenue, southwest corner, 4-inch supply.
 East Water and East Clay, southeast corner, 4-inch supply.
 East Water and East Taylor, southeast corner, 6-inch supply.
 East Water and East Ash, northeast corner, 6-inch supply.
 East First and East Market, northeast corner, 6-inch supply.
 East First and East Clay, southeast corner, 4-inch supply.
 East First and East Clay, northeast corner, 6-inch supply.
 East First and Hawthorne avenue, southeast corner, 6-inch supply.
 East First and East Madison, southeast corner, 6-inch supply.
 East First and East Main, southwest corner, 6-inch supply.
 East First and East Main, northeast corner, 6-inch supply.
 East First and East Yamhill, southeast corner, 6-inch supply.
 East First and East Yamhill, northeast corner, 6-inch supply.
 East First and East Belmont, southeast corner, 6-inch supply.
 East First and East Belmont, northeast corner, 6-inch supply.
 East First and East Morrison, southeast corner, 6-inch supply.
 East First and East Morrison, northeast corner, 6-inch supply.
 East First and East Washington, southeast corner, 6-inch supply.
 East First and East Stark, southeast corner, 6-inch supply.
 East First and East Oak, southeast corner, 6-inch supply.
 East First and East Ash, southwest corner, 6-inch supply.
 East First and East Ankeny, southeast corner, 6-inch supply.
 East First and East Burnside, southeast corner, 6-inch supply.
 East First and East Glisan, southeast corner, 6-inch supply.
 East First and East Irving, southeast corner, 6-inch supply.
 East First and Holladay avenue, southeast corner, 6-inch supply.
 East Second and Multnomah, southeast corner, 4-inch supply.
 East Second and Halsey, northeast corner, 4-inch supply.
 East Third and East Mill, northeast corner, 4-inch supply.
 East Third and East Market, northeast corner, 6-inch supply.
 East Third and East Morrison, southwest corner, 6-inch supply.
 East Third and East Oak, northwest corner, 6-inch supply.
 East Third and East Ankeny, southwest corner, 6-inch supply.
 East Third and East Burnside, southeast corner, 6-inch supply.
 East Third and East Davis, southeast corner, 6-inch supply.
 Union avenue and Ivon, northeast corner, 4-inch supply.

HYDRANTS—Continued.

Eastern District.

Union avenue and East Caruthers, southeast corner, 4-inch supply.
 Union avenue and East Clay, southeast corner, 4-inch supply.
 Union avenue and East Morrison, northeast corner, 4-inch supply.
 Union avenue and East Alder, northeast corner, 4-inch supply.
 Union avenue and East Washington, southeast corner, 6-inch supply.
 Union avenue and East Pine, northeast corner, 4-inch supply.
 Union avenue and East Ankeny, northeast corner, 4-inch supply.
 Union avenue and East Burnside, southeast corner, 6-inch supply.
 Union avenue and East Burnside, southwest corner, 6-inch supply.
 Union avenue and East Couch, southeast corner, 6-inch supply.
 Union avenue and East Davis, southeast corner, 6-inch supply.
 Union avenue and East Glisan, northeast corner, 6-inch supply.
 Union avenue and Hoyt, northeast corner, 6-inch supply.
 Union avenue and Irving, northeast corner, 6-inch supply.
 Union avenue and Oregon, northeast corner, 6-inch supply.
 Union avenue and Pacific, northeast corner, 6-inch supply.
 Union avenue and Holladay avenue, northeast corner, 4-inch supply.
 Union avenue and Multnomah, southeast corner, 4-inch supply.
 Union avenue and Weidler, southeast corner, 4-inch supply.
 Grand avenue and Taggart, northeast corner, 4-inch supply.
 Grand avenue and East Lincoln, southeast corner, 4-inch supply.
 Grand avenue and Stephens, southeast corner, 4-inch supply.
 Grand avenue and Hawthorne, northeast corner, 6-inch supply.
 Grand avenue and East Salmon, southeast corner, 4-inch supply.
 Grand avenue and East Taylor, southeast corner, 6-inch supply.
 Grand avenue and East Yamhill, southeast corner, 6-inch supply.
 Grand avenue and Belmont, southeast corner, 6-inch supply.
 Grand avenue and East Morrison, southeast corner, 6-inch supply.
 Grand avenue and East Alder, southeast corner, 6-inch supply.
 Grand avenue and East Washington, southeast corner, 6-inch supply.
 Grand avenue and East Stark, southeast corner, 6-inch supply.
 Grand avenue and East Pine, southeast corner, 6-inch supply.
 Grand avenue and East Ash, southeast corner, 6-inch supply.
 Grand avenue and East Ankeny, southeast corner, 6-inch supply.
 Grand avenue and East Burnside, southeast corner, 6-inch supply.
 Grand avenue and East Burnside, southwest corner, 6-inch supply.
 Grand avenue and East Couch, southeast corner, 6-inch supply.
 Grand avenue and East Davis, southeast corner, 6-inch supply.
 Grand avenue and East Everett, southeast corner, 6-inch supply.
 Grand avenue and Broadway, southwest corner, 4-inch supply.
 East Sixth and East Market, northeast corner, 6-inch supply.

HYDRANTS—Continued.

Eastern District.

East Sixth and Belmont, southwest corner, 4-inch supply.
 East Sixth and East Alder, southeast corner, 6-inch supply.
 East Sixth and East Pine, southwest corner, 6-inch supply.
 East Sixth and East Ankeny, southeast corner, 4-inch supply.
 East Sixth and East Burnside, southwest corner, 6-inch supply.
 East Sixth and East Burnside, northeast corner, 6-inch supply.
 East Sixth and East Davis, southeast corner, 4-inch supply.
 East Sixth and East Clackamas, southwest corner, 4-inch supply.
 East Sixth and Halsey, northeast corner, 6-inch supply.
 East Seventh and East Grant, southeast corner, 4-inch supply.
 East Seventh and East Harrison, southeast corner, 4-inch supply.
 East Seventh and East Mill, northeast corner, 4-inch supply.
 East Seventh and East Clay, southeast corner, 4-inch supply.
 East Seventh and Hawthorne avenue, southwest corner, 6-inch supply.
 East Seventh and Madison, southwest corner, 6-inch supply.
 East Seventh and East Main, southwest corner, 6-inch supply.
 East Seventh and East Salmon, southwest corner, 6-inch supply.
 East Seventh and East Taylor, southwest corner, 6-inch supply.
 East Seventh and East Yamhill, southwest corner, 6-inch supply.
 East Seventh and Belmont, southwest corner, 6-inch supply.
 East Seventh and East Morrison, southwest corner, 6-inch supply.
 East Seventh and East Alder, southwest corner, 6-inch supply.
 East Seventh and East Oak, southwest corner, 4-inch supply.
 East Seventh and East Burnside, southwest corner, 6-inch supply.
 East Seventh and Pacific, northeast corner, 4-inch supply.
 East Seventh and Multnomah, southwest corner, 4-inch supply.
 East Seventh and Tillamook, northeast corner, 4-inch supply.
 East Eighth and Center, northeast corner, 4-inch supply.
 East Eighth and Karl, northeast corner, 4-inch supply.
 East Eighth and Brooklyn, northwest corner, 4-inch supply.
 East Eighth and East Sherman, northeast corner, 4-inch supply.
 East Eighth and East Lincoln, southeast corner, 4-inch supply.
 East Eighth and East Stephens, southwest corner, 4-inch supply.
 East Eighth and East Market, northeast corner, 6-inch supply.
 East Eighth and East Taylor, southeast corner, 6-inch supply.
 East Eighth and East Morrison, southwest corner, 4-inch supply.
 East Eighth and East Pine, southeast corner, 4-inch supply.
 East Eighth and East Burnside, southeast corner, 4-inch supply.
 East Eighth and East Burnside, southwest corner, 6-inch supply.
 East Eighth and East Everett, southeast corner, 4-inch supply.
 East Eighth and Halsey, northeast corner, 6-inch supply.

HYDRANTS—Continued.

Eastern District.

East Eighth and Broadway, southwest corner, 4-inch supply.
 East Ninth and Beacon, southwest corner, 4-inch supply.
 East Ninth and East Sherman, southwest corner, 4-inch supply.
 East Ninth and East Clay, southwest corner, 4-inch supply.
 East Ninth and Belmont, southwest corner, 4-inch supply.
 East Ninth and East Washington, southwest corner, 4-inch supply.
 East Ninth and East Davis, southwest corner, 4-inch supply.
 East Ninth and Holladay avenue, southeast corner, 4-inch supply.
 East Ninth and Multnomah, southwest corner, 4-inch supply.
 East Tenth and East Caruthers, southwest corner, 4-inch supply.
 East Tenth and East Market, northwest corner, 6-inch supply.
 East Tenth and East Oak, southeast corner, 4-inch supply.
 East Tenth and East Ankeny, southeast corner, 4-inch supply.
 East Eleventh and East Sherman, southeast corner, 4-inch supply.
 East Eleventh and East Lincoln, southeast corner, 4-inch supply.
 East Eleventh and Stephens, southeast corner, 4-inch supply.
 East Eleventh and East Market, northwest corner, 6-inch supply.
 East Eleventh and East Clay, southeast corner, 4-inch supply.
 East Eleventh and East Burnside, southeast corner, 4-inch supply.
 East Twelfth and East Market, northwest corner, 6-inch supply.
 East Twelfth and Hawthorne avenue, northeast corner, 6-inch supply.
 East Twelfth and East Main, southeast corner, 6-inch supply.
 East Twelfth and East Taylor, southeast corner, 6-inch supply.
 East Twelfth and Belmont, southwest corner, 4-inch supply.
 East Twelfth and East Morrison, southeast corner, 4-inch supply.
 East Twelfth and East Washington, southwest corner, 4-inch supply.
 East Twelfth and East Oak, southeast corner, 4-inch supply.
 East Twelfth and East Pine, southwest corner, 4-inch supply.
 East Twelfth and East Couch, southeast corner, 4-inch supply.
 East Twelfth and East Davis, southwest corner, 4-inch supply.
 East Twelfth and East Irving, southeast corner, 6-inch supply.
 East Twelfth and Broadway, southwest corner, 4-inch supply.
 East Twelfth and Tillamook, northeast corner, 4-inch supply.
 East Thirteenth and Rhine, southeast corner, 4-inch supply.
 East Thirteenth and Powell, northeast corner, 4-inch supply.
 East Thirteenth and East Alder, southeast corner, 6-inch supply.
 East Thirteenth and East Alder, southeast corner, 6-inch supply.
 East Thirteenth and East Stark, southeast corner, 6-inch supply.
 East Fourteenth and Belmont, southwest corner, 4-inch supply.
 East Fourteenth and East Alder, southeast corner, 6-inch supply.
 East Fifteenth and Clinton, southeast corner, 4-inch supply.

HYDRANTS—Continued.

Eastern District.

East Fifteenth and East Stark, southeast corner, 6-inch supply.
 East Fifteenth and Broadway, southwest corner, 4-inch supply.
 East Fifteenth and Tillamook, northeast corner, 4-inch supply.
 East Sixteenth and Karl, southeast corner, 4-inch supply.
 East Sixteenth and Hawthorne ave., northwest corner, 6-inch supply.
 East Sixteenth and East Main, southeast corner, 4-inch supply.
 East Sixteenth and East Taylor, southeast corner, 6-inch supply.
 East Sixteenth and East Morrison, southwest corner, 4-inch supply.
 East Sixteenth and East Pine, southeast corner, 6-inch supply.
 East Sixteenth and East Ankeny, southeast corner, 4-inch supply.
 East Sixteenth and East Davis, southeast corner, 4-inch supply.
 East Eighteenth and Powell, northwest corner, 4-inch supply.
 East Eighteenth and Clinton, southwest corner, 4-inch supply.
 East Eighteenth and East Pine, southwest corner, 6-inch supply.
 East Eighteenth and East Burnside, southeast corner, 6-inch supply.
 East Eighteenth and East Everett, southeast corner, 6-inch supply.
 East Nineteenth and East Main, southeast corner, 4-inch supply.
 East Nineteenth and East Stark, southeast corner, 4-inch supply.
 East Nineteenth and East Ash, southeast corner, 6-inch supply.
 East Nineteenth and Oregon, southeast corner, 4-inch supply.
 East Nineteenth and Clackamas, southeast corner, 6-inch supply.
 East Nineteenth and Tillamook, northeast corner, 4-inch supply.
 East Twentieth and Karl, southwest corner, 4-inch supply.
 East Twentieth and East Yamhill, northeast corner, 6-inch supply.
 East Twentieth and East Morrison, northwest corner, 4-inch supply.
 East Twentieth and East Burnside, southeast corner, 4-inch supply.
 East Twentieth and East Irving, southwest corner, 4-inch supply.
 East Twenty-first and Bush, northwest corner, 4-inch supply.
 East Twenty-first and Powell, southeast corner, 4-inch supply.
 East Twenty-first and Brooklyn, southeast corner, 4-inch supply.
 East Twenty-first and Ivon, northeast corner, 4-inch supply.
 East Twenty-first and East Main, southeast corner, 6-inch supply.
 East Twenty-first and Halsey, northeast corner, 6-inch supply.
 East Twenty-first and Broadway, southeast corner, 4-inch supply.
 East Twenty-second and Hawthorne, northeast corner, 6-inch supply.
 East Twenty-second and East Taylor, northeast corner, 4-inch supply.
 East Twenty-second and East Stark, southeast corner, 4-inch supply.
 East Twenty-second and East Ankeny, southwest corner, 4-in. supply.
 East Twenty-third and East Main, southwest corner, 6-inch supply.
 East Twenty-third and Clackamas, southeast corner, 6-inch supply.
 East Twenty-fourth and East Burnside, southeast corner, 4-in. supply.

HYDRANTS—Continued.

Eastern District.

East Twenty-fourth and East Davis, northeast corner, 6-inch supply.
 East Twentyfifth and East Salmon, southwest corner, 6-inch supply.
 East Twenty-sixth and Powell, northeast corner, 4-inch supply.
 East Twenty-sixth and Kelley, northeast corner, 6-inch supply.
 East Twenty-sixth and Brooklyn, southeast corner, 6-inch supply.
 East Twenty-sixth and Division, southeast corner, 4-inch supply.
 East Twenty-sixth and Hawthorne ave., northeast corner, 6-in. supply.
 East Twenty-sixth and East Ankeny, southwest corner, 4-inch supply.
 East Twenty-eighth and East Main, northeast corner, 6-inch supply.
 East Twenty-eighth and East Taylor, southeast corner, 6-inch supply.
 East Twenty-eighth and East Stark, northwest corner, 6-inch supply.
 East Twenty-eighth and East Pine, northwest corner, 6-inch supply.
 East Twenty-eighth and East Burnside, southeast corner, 6-in. supply.
 East Twenty-eighth and East Davis, northwest corner, 6-inch supply.
 East Twenty-eighth and East Flanders, northwest corner, 6-in. supply.
 East Twenty-eighth and East Hoyt, southeast corner, 6-inch supply.
 East Twenty-eighth and Holladay ave., southwest corner, 6-in. supply.
 East Twenty-eighth and Broadway, southwest corner, 4-inch supply.
 East Twenty-ninth and Gladstone, southwest corner, 4-inch supply.
 East Twenty-ninth and Irving, southwest corner, 6-inch supply.
 East Thirtieth and East Ankeny, southwest corner, 4-inch supply.
 East Thirtieth and East Flanders, southwest corner, 6-inch supply.
 East Thirty-first and East Pine, northeast corner, 4-inch supply.
 East Thirty-first and East Gleason, southeast corner, 6-inch supply.
 East Thirty-third and Gladstone, southwest corner, 4-inch supply.
 East Thirty-third and Belmont, southeast corner, 6-inch supply.
 Between Thirty-third and Thirty-fourth on Clinton, southeast corner,
 6-inch supply.
 Margin and Halsey, southeast corner, 6-inch supply.
 Crosby and Clackamas, northwest corner, 6-inch supply.
 Crosby and McMillen, northwest corner, 6-inch supply.
 Larrabee and Holladay avenue, southeast corner, 6-inch supply.
 200 feet south of Albina avenue, east side of River street, 6-in. supply.
 100 feet south of Albina avenue, east side of River street, 6-in. supply.
 400 feet north of Dupont street, east side of Larrahee, 6-inch supply.
 Crosby and Holladay, southeast corner, 6-inch supply.
 Larrabee and Dupont, northeast corner, 6-inch supply.
 Larrabee, 200 feet north of Dixon, 6-inch supply.
 Larrabee and Dixon, northeast corner, 6-inch supply.
 Larrabee and Broadway, northeast corner, 6-inch supply.
 Larrabee and Cherry, northeast corner, 6-inch supply.

Larrabee and McMillen, northeast corner, 6-inch supply.
 Larrabee and Halsey, northeast corner, 6-inch supply.
 Larrabee and Hassalo, northeast corner, 6-inch supply.
 Adams and Holladay avenue, southeast corner, 6-inch supply.
 Benton and Clackamas, southeast corner, 4-inch supply.
 Wheeler and Clackamas, southwest corner, 4-inch supply.
 Ross and Cherry, northeast corner, 4-inch supply.
 Ross and Dixon, southwest corner, 4-inch supply.
 Three hydrants in Inman-Poulsen Company's yard.

Total number of hydrants in East District, 252.

HYDRANTS.

SUNNYSIDE DISTRICT.

East Thirtieth and Davis, southeast corner, 6-inch supply.
 East Thirtieth and East Stark, southwest corner, 6-inch supply.
 East Thirty-first and East Taylor, northeast corner, 4-inch supply.
 East Thirty-second and East Stark, southeast corner, 6-inch supply.
 East Thirty-third and Morrison, northeast corner, 4-inch supply.
 East Thirty-third and Belmont, southeast corner, 6-inch supply.
 East Thirty-fourth and Hawthorne ave., northeast corner, 4-in. supply.
 East Thirty-fourth and East Main, southeast corner, 4-inch supply.
 East Thirty-fourth and East Taylor, southeast corner, 4-inch supply.
 East Thirty-fourth and Belmont, southeast corner, 4-inch supply.
 East Thirty-fourth and East Alder, northwest corner, 4-inch supply.
 East Thirty-fourth and East Stark, southeast corner, 4-inch supply.
 Margaret avenue and Murry, southwest corner, 4-inch supply.
 Margaret avenue and Division, northwest corner, 6-inch supply.
 Margaret avenue, 200 feet south of Hawthorne, 4-inch supply.
 East Thirty-fifth and East Madison, northwest corner, 4-inch supply.
 East Thirty-fifth and East Taylor, northwest corner, 6-inch supply.
 East Thirty-fifth and East Yamhill, northwest corner, 6-inch supply.
 East Thirty-fifth and East Morrison, northwest corner, 4-inch supply.
 East Thirty-sixth and East Main, northeast corner, 4-inch supply.
 East Thirty-seventh and East Alder, northeast corner, 6-inch supply.
 East Fortieth and Hawthorne avenue, southeast corner, 6-inch supply.
 East Fortieth and East Taylor, northeast corner, 4-inch supply.
 East Forty-first and East Division, southwest corner, 6-inch supply.
 East Forty-sixth and East Stark, southeast corner, 6-inch supply.
 West avenue, between Base Line road and Belmont, east side, 6-inch supply.
 West avenue and Park avenue, southwest corner, 6-inch supply.

Total number of hydrants in Sunnyside District, 27.

HYDRANTS.

ALBINA DISTRICT.

River and Albina avenue, southeast corner, 4-inch supply.
 River and Albina avenue, northeast corner, 6-inch supply.
 River and Lewis, northeast corner, 6-inch supply.
 River and Clark, northeast corner, 6-inch supply.
 River and Harding, northeast corner, 6-inch supply.
 River and Randolph, northeast corner, 6-inch supply.
 River and Nesmith, northeast corner, 4-inch supply.
 River and Marion, southeast corner, 4-inch supply.
 Loring and Clark, southeast corner, 4-inch supply.
 Loring and Randolph, southeast corner, 4-inch supply.
 Loring and Randolph, northeast corner, 6-inch supply.
 Railroad and Randolph, southwest corner, 4-inch supply.
 Railroad and Russell, northeast corner, 4-inch supply.
 Goldsmith and Randolph, northwest corner, 4-inch supply.
 Goldsmith and Harding, southwest corner, 4-inch supply.
 Montana avenue and Beech, southeast corner, 4-inch supply.
 Missouri avenue and Fremont, northeast corner, 4-inch supply.
 Missouri avenue and Failing, southeast corner, 4-inch supply.
 Missouri avenue and Mason, southeast corner, 4-inch supply.
 Missouri avenue and Prescott, southeast corner, 4-inch supply.
 Delay and Russell, northeast corner, 4-inch supply.
 Delay and Morris, northeast corner, 6-inch supply.
 Mississippi avenue and Knott, southeast corner, 6-inch supply.
 Mississippi avenue and Stanton, southeast corner, 4-inch supply.
 Mississippi avenue and Morris, northwest corner, 6-inch supply.
 Mississippi avenue and Fremont, northeast corner, 4-inch supply.
 Mississippi avenue and Beech, southeast corner, 4-inch supply.
 Mississippi avenue and Shaver, northeast corner, 4-inch supply.
 Mississippi avenue and Skidmore, northeast corner, 4-inch supply.
 Albina avenue and Goldsmith, northeast corner, 6-inch supply.
 Albina avenue and Russell, southwest corner, 4-inch supply.
 Albina avenue and Sellwood, southwest corner, 4-inch supply.
 Albina avenue and Morris, southeast corner, 6-inch supply.
 Borthwick and Knott, northwest corner, 4-inch supply.
 Borthwick and Munroe, northwest corner, 4-inch supply.
 Borthwick and Fremont, northeast corner, 4-inch supply.
 Borthwick and Shaver, southeast corner, 4-inch supply.
 Mason and Borthwick, southeast corner, 6-inch supply.

HYDRANTS—Continued.

Albina District.

Starr and Russell, southwest corner, 3-inch supply.
 Commercial and Knott, southeast corner, 6-inch supply.
 Commercial and Morris, northwest corner, 4-inch supply.
 Commercial and Beech, southeast corner, 4-inch supply.
 Commercial and Shaver, southeast corner, 6-inch supply.
 Commercial and Skidmore, northeast corner, 6-inch supply.
 Gantenbein avenue and Russell, southeast corner, 6-inch supply.
 Vancouver avenue and Russell, southwest corner, 6-inch supply.
 Vancouver avenue and Knott, southwest corner, 6-inch supply.
 Vancouver avenue and Fargo, northwest corner, 4-inch supply.
 Vancouver avenue and Beech, northwest corner, 4-inch supply.
 Williams avenue and Cherry, southeast corner, 4-inch supply.
 Williams avenue and Hancock, northwest corner, 6-inch supply.
 Williams avenue and Tillamook, southwest corner, 6-inch supply.
 Williams avenue and Page, southwest corner, 6-inch supply.
 Williams avenue and Russell, southwest corner, 6-inch supply.
 Williams avenue and Sellwood, southwest corner, 6-inch supply.
 Williams avenue and Fremont, northeast corner, 4-inch supply.
 Williams avenue and Morris, southwest corner, 6-inch supply.
 Williams avenue and Failing, southeast corner, 4-inch supply.
 Williams avenue and Cook, northeast corner, 4-inch supply.
 Williams avenue and Mason, southwest corner, 4-inch supply.
 Williams avenue and Alberta, southwest corner, 4-inch supply.
 Hendricks and Shaver, northwest corner, 6-inch supply.
 Rodney avenue and San Rafael, southeast corner, 4-inch supply.
 Rodney avenue and Eugene, southwest corner, 4-inch supply.
 Rodney avenue and Russell, southeast corner, 4-inch supply.
 Rodney avenue and Sellwood, southwest corner, 4-inch supply.
 Rodney avenue and Fremont, northwest corner, 4-inch supply.
 Rodney avenue and Fargo, northwest corner, 6-inch supply.
 Union avenue and Tillamook, southwest corner, 4-inch supply.
 Union avenue and Sacramento, northwest corner, 4-inch supply.
 Union avenue and Russell, southwest corner, 6-inch supply.
 Union avenue and Stanton, southwest corner, 6-inch supply.
 Union avenue and Morris, northwest corner, 4-inch supply.
 Union avenue and Cook, northwest corner, 4-inch supply.
 Union avenue and Failing, southeast corner, 6-inch supply.
 Union avenue and Skidmore, southeast corner, 6-inch supply.
 Union avenue and Going, southwest corner, 4-inch supply.
 Union avenue and Alberta, southwest corner, 6-inch supply.
 Grand avenue and Wygant, northwest corner, 6-inch supply.

HYDRANTS—Continued.

Albina District.

300 feet east of Union avenue on Eugene, south side, 6-inch supply.
 East Sixth and Beech, northeast corner, 4-inch supply.
 East Sixth and Alberta, southwest corner, 6-inch supply.
 East Seventh and Eugene, southwest corner, 6-inch supply.
 East Seventh and Wygant, northwest corner, 6-inch supply.
 East Eighth and Failing, southeast corner, 6-inch supply.
 East Eighth and Mason, southwest corner, 6-inch supply.
 East Tenth and Skidmore, southwest corner, 6-inch supply.
 East Tenth and Alberta, southwest corner, 6-inch supply.
 East Twelfth and Failing, southeast corner, 6-inch supply.
 East Twelfth and Mason, northwest corner, 6-inch supply.
 East Twelfth and Prescott, southwest corner, 6-inch supply.
 East Fourteenth and Alherta, southwest corner, 6-inch supply.
 East Twenty-third and Thompson, southwest corner, 6-inch supply.
 East Twenty-seventh and Wasco, southeast corner, 6-inch supply.
 Randall and Nelson, northwest corner, 4-inch supply.

Total number of hydrants in Albina District, 96.

HYDRANTS.

PIEDMONT DISTRICT.

Williams avenue and Highland, southwest corner, 4-inch supply.
 Union avenue and Killingsworth, northwest corner, 4-inch supply.
 Union avenue and Mechanic, northwest corner, 4-inch supply.
 Union avenue and Garrett, northwest corner, 4-inch supply.
 Union avenue and Ainsworth, southwest corner, 4-inch supply.
 East Eighth and Ainsworth, southeast corner, 4-inch supply.
 Albina and Killingsworth, southeast corner, 6-inch supply.
 East Sixteenth and Going, southwest corner, 4-inch supply.

Total number of hydrants in Piedmont District, 8.

HYDRANTS

MILWAUKIE ROAD.

Milwaukie and Clinton, southeast corner, 6-inch supply.
 Milwaukie and Powell, southeast corner, 6-inch supply.
 Milwaukie and Frederick, northwest corner, 4-inch supply.
 Milwaukie and Karl, southeast corner, 6-inch supply.
 Milwaukie and Rhone, southwest corner, 4-inch supply.
 Milwaukie and Caywood, southwest corner, 4-inch supply.
 Milwaukie, 200 feet south of Holgate, east side, 4-inch supply.
 Milwaukie and Harold, southeast corner, 4-inch supply.
 Milwaukie and Romona, southwest corner, 4-inch supply.
 Milwaukie and Duke, southeast corner, 4-inch supply.
 Milwaukie and Oak, southwest corner, 4-inch supply.

Total number of hydrants in Milwaukie Road, 11.

Water and Spokane, east side of mill yard, 4-inch supply.
 Seventh and Umatilla, northeast corner, 3-inch supply.
 Ninth and Bidwell, southwest corner, 6-inch supply.
 Ninth and Lexington, southeast corner, 4-inch supply.
 Ninth and Spokane, southeast corner, 3-inch supply.
 Ninth and Umatilla, southeast corner, 3-inch supply.
 Ninth and Marion, northeast corner, 6-inch supply.
 Ninth and Sherrett, southeast corner, 4-inch supply.
 Eleventh and Bidwell, southeast corner, 6-inch supply.
 Eleventh and Lexington, southeast corner, 4-inch supply.
 Eleventh and Spokane, southwest corner, 4-inch supply.
 Eleventh and Umatilla, northeast corner, 4-inch supply.
 Thirteenth and Sherrett, northeast corner, 4-inch supply.
 Thirteenth and Umatilla, northwest corner, 3-inch supply.
 Thirteenth and Spokane, southwest corner, 3-inch supply.
 Thirteenth and Linn, northeast corner, 4-inch supply.
 Fifteenth and Leo, southeast corner, 6-inch supply.
 Fifteenth and Nehalem, southeast corner, 6-inch supply.
 Fifteenth and Umatilla, northeast corner, 4-inch supply.
 Seventeenth and Spokane, southwest corner, 4-inch supply.
 Seventeenth and Umatilla, northwest corner, 4-inch supply.
 Nineteenth and Spokane, southwest corner, 4-inch supply.
 Nineteenth and Umatilla, northwest corner, 4-inch supply.
 Twenty-first and Tacoma, northwest corner, 4-inch supply.
 Twenty-first and Umatilla, northwest corner, 4-inch supply.
 First and Maple, southeast corner, 4-inch supply.

Total number of hydrants in Sellwood District, 26.

Total number of hydrants in city, 1056.

CISTERNS.

LOCATION, CAPACITY, AND SIZE OF SUPPLY.

Northern District.		Gallons.	Feed Pipe Inches.
First and Alder	20,000	3	
First and Washington	20,000	4	
First and Stark	23,000	4	
First and Oak	20,000	4	
First and Ash	20,000	4	
First and Burnside	15,000	4	
Second and Alder	20,000	6	
Second and Stark	20,000	4	
Second and Pine	25,000	6	
Second and Couch	20,000	6	
Second and Everett	20,000	6	
Third and Washington	15,000	6	
Fourth and Stark	20,000	3	
Fourth and Burnside	11,000	4	
Fifth and Washington	15,000	4	
Fifth and Oak	15,000	3	
Fifth and Everett	20,000	6	
Fifth and Glisan	20,000	3	
Sixth and Davis	20,000	4	
Seventh and Washington	15,000	6	
Seventh and Oak	15,000	6	
Seventh and Burnside	16,000	6	
Eighth and Everett	20,000	4	
Ninth and Everett	17,000	4	
Tenth and Couch	15,000	6	
Tenth and Glisan	20,000	2 and 6	
Twelfth and Washington	15,000	4	
Twelfth and Johnson	20,000	6	
Thirteenth and Burnside	20,000	6	
Fourteenth and Glisan	20,000	4	
Fourteenth and Marshall	20,000	3	
Sixteenth and Davis	20,000	6	
Twentieth and Glisan	20,000	4	
Twenty-first and Washington	20,000	4	

EASTERN DISTRICT.

	Gallons.	Feed Pipe Inches.
Union avenue and East Pine	20,000	4
Union avenue and Fremont	20,000	2
Grand avenue and East Washington	20,000	6
Grand avenue and East Clay	25,000	4
East Twelfth and East Ankeny	25,000	6
East Fourteenth and East Pine	25,000	6
Williams avenue and Cherry	20,000	1½
Williams avenue and Beech	20,000	4
Loring and Harding	20,000	4
Mississippi avenue and Goldsmith	20,000	6
Minnesota and Beech	20,000	4

SOUTHERN DISTRICT.

	Gallons.	Feed Pipe Inches.
Front and Harrison	20,000	3
Front and Columbia	20,000	6
Front and Madison	20,000	4
First and Meade	20,000	3
First and Mill	15,000	4
First and Jefferson	15,000	3
First and Salmon	20,000	4
First and Taylor	20,000	4
First and Morrison	20,000	3
Second and Caruthers	20,000	3
Second and Hall	20,000	4
Third and Grant	20,000	3
Third and Montgomery	12,000	6
Third and Jefferson	15,000	6
Third and Taylor	20,000	4
Third and Morrison	20,000	4
Fourth and Clay	20,000	4
Fifth and Caruthers	20,000	3
Fifth and Taylor	15,000	3

SOUTHERN DISTRICT—Continued.

	Gallons.	Feed Pipe Inches.
Fifth and Morrison	15,000	4
Sixth and College	20,000	3
Sixth and Mill	20,000	3
Sixth and Main	18,000	3
Seventh and Harrison	15,000	6
Seventh and Jefferson	20,000	3
Seventh and Salmon	15,000	3
Seventh and Morrison	8,000	6
Tenth and Hall	20,000	3
Tenth and Clay	20,000	3
Eleventh and Jefferson	20,000	3
Eleventh and Salmon	20,000	3
Eleventh and Morrison	20,000	two 4
Thirteenth and Madison	20,000	3
Fourteenth and Market	20,000	3
Lownsdale and Morrison	15,000	4
Seventeenth and Yamhill.....	20,000	3

Total number of cisterns, 81.

ANNUAL REPORT

—OF—

Corporation Yard Keeper

M. Laudenklos, Assistant Chief Engineer, Keeper of Corporation Yard, 329 North Twentieth street.

INVENTORY.

1 third-class Silsby engine (unserviceable), 1 two-wheel hose cart and harness, 30 sacks coal, 1000 shingles, 1 engine pole, 1 truck pole, 2 ceiling springs, 2 door springs, 2 springs for extra first-class engine, 1 set of Grant roller bearings for extra first-class engine, 1 Grant roller-bearing hub (complete), 3 single sets of harness (complete), 4 5-inch double blocks, 4 old engine springs, 2 crowbars, 200 pounds old brass, 1 supply wagon, 1 two-wheel cart, 1 set single harness, 1 double harness, 2 engine springs for extra first-class engine.

M. LAUDENKLOS
Assistant Chief.

Inventory of Machine Shop

1 58-pound anvil, 1 105-pound anvil, 4 arbors for lathe, 12 assorted Armstrong lathe tools, 1 3-inch, 1 2½-inch, 1 1½-inch Butt expanders; 1 brazing bellows and burner, 3 small broaches, 1 cloth buffer, 1 1½ by 22-inch and 1 1½ by 10-inch boring bars, 7 2-inch belts, 3 1½-inch and 2 4-inch belts, 1 3-inch Cushman geared scroll chuck, 2 sets of jaws, 1 9-inch Union Manufacturing Company scroll chuck, 2 sets of jaws, 1 6-inch Union Manufacturing Company geared scroll, 2 sets of jaws, 1 6-inch Independent chuck, 1 set of jaws, 1 Pratt Chuck Company's drill chuck, 1 Millers Falls Company's pin chuck, 1 chronograph, 1 pipe cutter, 1 coupling for shafting, 3 hot chisels, 1 hardy, 8 cold chisels, 1 ½-inch 60-degree counter sink, 1 ton chain blocks, 2 6-inch screw clamps, 1 clips for paper, 1 8-inch and 1 8-inch carborundum wheels, 1 coal stove and pipe, 1 20-inch Barnes drill press, 1 hand portable press, 1 chain press for brace, 1 machinist's ratchet; pipe dies, 1 1-inch R., 1-inch L.; 1 ¾-inch R., ¾-inch L.; 1 ½-inch, 1 ⅝-inch, 1 ¼-inch; and 1 pipe die stock, 2 boiler tube dies, 1 2½-inch hose nipple die, 1 set of wire gauge drills from 1 to 56 inclusive, 32 Morse twist drills, assorted sizes; 1 set of alphabet dies, 3 sets of numbering dies, 8 lathe dogs, 1 emery wheel, 1 8-inch face plate, 1 6-inch face plate, 1 Champion forge with hood and pipe, 1 gasoline blow-pot, 1 file card, 1 2-inch blacksmith's flatter, 1 gear-cutting attachment for lathe, 1 gauge plate for taps and drills, 3 knurling tools, 1 handle for same, 1 12-inch 6-foot Barnes lathe, 22 gear wheels, 1 counter shaft, 1 steady rest, 1 follower rest, 1 pad center, 1 crotch center, 1 square center, 1 12-inch face plate, 1 driving plate, 1 set of lathe centers, 1 18-inch Porter lathe with counter shaft, 2 steady rests, 1 15-inch 4-jaw chuck, 1 18-inch face plate, 1 9-inch driving plate, 1 full set of gears, 1 20-inch double-ended mandril for buffer, 1 9-inch double-end mandril for grinder, 1 5-horse power G. E. motor, 2 fuse blocks, 2 switches, 1 starting rheostat, 2 7-16 by 4-inch milling tools, 10 milling tools (assorted sizes), 3 milling tools for gear cutters, 1 nail puller, 1 oil stone, 4 squirt cans, 1 old man for ratchet, 1 16-inch jack plane, 1 pair 8-inch side cutting plyers, 2 diagonal cutting, 15 wooden pulleys, 6 blacksmith punches, 1 set patterns and core boxes for 2½-inch Armstrong shut-off, 1 set patterns for 1½-inch shut-off for 1½-inch hose, with increasers from 2½ to 3-inch, 1 set of patterns and core boxes for rotary cellar pipe, 1 set of patterns for slip joints, 1 set of patterns for snap

holders, 1 set of patterns for heater, 3 sets of 4-inch patterns for engine take-off, reducers to 3½ to 3-inch to 2½-inch, 1 set of Babcock patterns, 2 shell reamers, 1 adjustable wrench for taps, 1 12-inch Smith & Mills shaper, 1 countershaft, 8 parallels, 1 hand saw, 1 power hack saw, 1 scroll saw, 4 circular metal saws, 1 spoke shave, 1 11-16-inch shafting, 30 feet; 1 countershaft, 1¼ by 3 feet; 1 jack shaft, 1¼-inch by 3 feet; 7 top and bottom assorted blacksmith swages, 1 tee iron beam 15 feet long for carrier, 2 test pumps, 7 pairs of blacksmith tongs, 5 tube expanders from 1-inch to 2-inch, 30 lathe tools, 6 hand lathe tools, 1 set of Green River taps and dies from ¼ to ¾-inch, odd taps for engines (3-inch, 2¾-inch and 2¼-inch), 21 machine taps (assorted sizes), pipe taps from 1-inch to ⅝-inch, 1 set of Wells Bros.' screw plate and dies (10 sizes), 1 stop watch, 1 4-inch test gauge, 1 6-inch steam gauge, 2 4-inch bench vises, 1 5-inch blacksmith vise, 1 pipe vise, 5 monkey wrenches, 23 castings for Berry hangers, 4 castings for diaphragms, 3 bars of Armstrong tool steel, 2 bars of octagon tool steel, 1 bar of ⅝ by ⅝ tool steel, 3 half sets of Berry hames, 3 feet of fiber paper, 3 harness hangers, 6 brake shoes for engines, 30 pounds of assorted rivets, 45 pounds of assorted machine bolts, 18 pounds of brass snap holders, 12 ceiling springs for harness hangers, 11 drain cocks for engines, 6 Ashworth shut-off nozzles, 5 fire lighters for engines, 4 three-way stopcocks, 350 pounds of iron (assorted sizes), 150 feet of pipe, 45 pounds of sheet packing, 8 pounds of steam packing, 6 pounds of water packing.

G. L. STEWART,
Master Mechanic.

Inventory Hydrant Dept.

1 Western chain block	\$ 9.00
1 brace	1.00
2 corking hammers	2.00
3 chain wrenches	15.00
3 cold chisels .....	.30
4 corking tools .....	.60
2 Johnson pumps	6.00
1 leather splitter	3.00
1 level	1.00
1 ladle, 6-inch	1.00
1 ladle, 4-inch .....	.40
1 lead pot	2.00
1 lead heater	3.00
1 crosscut saw	3.00
1 two-wheel cart	50.00
2 hose expanders	10.00
1 oil can .....	.30
2 picks	1.20
1 plumber's friend .....	.50
3 shovels	1.00
1 spoon shovel .....	.75
2 Stilson wrenches	3.00
1 screw driver .....	.30
1 hand saw .....	.75
1 14-inch Stilson wrench	1.50
1 steam gauge	1.00
1 8-pound sledge hammer	1.00
1 trowel .....	.50
1 tool chest	6.00
1 washer cutter .....	.50
2 sets hydrant patterns	50.00
1 supply wagon	250.00
1 small wagon	100.00
1 wagon top	50.00
1 set double harness	40.00
1 set single harness	20.00
2 horse covers	5.00
2 horses	150.00

INVENTORY OF PROPERTY

—OF THE—

Fire Alarm Telegraph

80 miles of outside line construction, @ \$100.00.....	\$10,400.00
86 fire alarm signal boxes @ \$125.00 each.....	10,650.00
56 fire alarm signal boxes @ \$100.00 each.....	5,600.00
34 fire alarm signal boxes @ \$50.00 each.....	1,700.00
67 keyless doors for signal boxes @ \$20.00 each.....	1,340.00
74,350 feet of 2 pair rubber covered underground cable.....	11,237.00
12,500 feet of 8 pair rubber covered underground cable.....	4,862.50
12,500 feet of 3 pair rubber covered underground cable.....	3,070.00
6,900 feet of 6 pair rubber covered underground cable.....	2,965.50
2,000 feet of 1 pair rubber covered underground cable.....	220.00
3,500 feet of 1 conductor rubber covered underground cable.....	192.50
1 tower bell and striker	3,000.00
6 tower bells @ \$50.00 each	300.00
2 whistles and blowers	950.00
3 Gamewell switchboards	4,300.00
779 cells storage battery	1,100.00
3 marble protector panels	150.00
2 automatic repeaters	1,600.00
2 repeater stands and cabinet	95.00
1 four-dial manual transmitter	2,000.00
1 stand for transmitter	42.00
1 frame for switchboards	237.00
19 large hole perforating registers	2,375.00
13 small hole perforating registers	975.00
1 manual transmitter and character wheels	247.00
1 time stamp	237.50
1 ink-marking register	125.00
20 6-inch turtle gongs	380.00
21 oak instrument boards	1,410.00
1 portable voltmeter	75.00
2 battery testing volunteers	30.00
20 electric light brackets	50.00
12 18-inch gongs	1,500.00

10 15-inch gongs	1,000.00
1 14-inch gong	40.00
1 15-inch gong and indicator	185.00
9 8-inch gongs	360.00
3 6-inch gongs	105.00
8 visual indicators	400.00
60 small relays	150.00
12 main line relays	300.00
3 call bell sets	21.00
43 automatic switches	322.00
20 telephone extension bell switches	15.00
1200 feet of 6-pair submarine cable	648.00
4 miles No. 10 line wire	237.00
125 feet 50-pair telephone cable	37.50
Tracers for gong striker and cases	39.00
2 sets of gong striker patterns	30.00
1 set of alarm box case patterns	15.00
1 stall door and unhitcher patterns	7.50
960 feet of circular loom	70.20
2500 lagscrews	128.50
3 machinist's hammers	3.00
20 pounds magnet wire	10.00
8 poles	75.00
15,000 feet No. 14 rubber covered wire	150.00
556 feet 10-pin crossarms	481.00
1 pair 6-foot cable wheels, shaft, etc.	35.00
1 strong back	5.00
1 winch	10.00
2 6-inch iron snatch blocks	9.00
500 feet 5-16-inch wire rope	12.00
2 canvas manhole covers	11.00
9 gallons ozite compound	18.00
1 boxwood dresser .....	.75
1 two-wheel push cart	10.00
1 hand saw	1.00
7 cable terminal boxes	22.00
1 work bench	5.00
1 blow torch	5.00
1 tool box	3.00
5 bits for brace	1.25
1 pair comealongs	2.50
1 set block and tackle	3.50
2 wire reels	10.00
102 single pole double throw switches	38.25

1650 feet of 1-inch iron pipe	47.75
450 feet of 1¼-inch iron pipe	20.75
2202 feet of 1½-inch iron pipe	173.00
30 feet of 2-inch iron pipe	1.50
1 steel tape line	6.00
1 brace	2.25
1 hack saw frame	1.50
6 padlocks	7.25
1 screw driver .....	.50
1 draw knife	1.00
1 hand ax	1.00
1 melting pot and ladle	1.25
1 pair diagonal and long nose pliers	1.25
1 Yankee drill and bits .....	.75
2 post hole diggers	3.25
3 picks and shovels	4.50
3 lanterns	1.00

ANNUAL REPORT

—OF THE—

WATER BOARD

Portland, Oregon, January 9, 1908.

The Water Board of the City of Portland, Oregon.

Gentlemen: The following is a statement of the property, implements and material in your possession or control pertaining to the waterworks on December 31st, 1907, together with the condition and approximate value thereof:

Real Property—	Acres.
Block 32, Seventh and Lincoln streets, Portland.....	1.00
Block 235, Tenth and Clifton streets, Portland.....	1.00
Block 150, Fourth and Market streets, Portland.....	.25
Block 139, lot 8, East Portland, site for office.....	.11.
Tract foot of Sherman street, Portland.....	.50
Tract foot of Stevens street, Portland.....	.60
Tract at Milwaukie and Powell streets, Portland.....	2.76
Tract near City Park, Portland.....	63.10
Two tracts for water tanks, Portland Heights.....	.08
One tract for water tanks, Willamette Heights.....	.06
Block 13, Albina District, Portland.....	1.00
Part of Block 26, Albina District, Portland.....	.17
Part of Block 6, Maegley Highland, Albina.....	.10
Part of Lot B, Patton Tract, Albina.....	.90
Tract E. 20th and Prescott streets, Vernon stand pipe.....	2.34
Tract near Palatine pump, Multnomah County.....	21.00
Tract for high service reservoir, Mt. Tabor, Multnomah Co....	5.75
Tract for low service reservoir, Mt. Tabor, Multnomah Co....	10.00
Tract for stand pipe near Lusteds.....	.50
Tracts near headworks and pipe line in Clackamas and Multnomah Counties	4,320.00
Total number of acres.....	4,431.22

WATERWORKS.

Bull Run Gravity System—

Headworks on Bull Run River, conduit thence to City Park, Portland, including two submerged pipes across the Willamette River, thirty-one miles altogether; two reservoirs at Mount Tabor and two at City Park; water power pumps for supplying Portland Heights and Willamette Heights, with one electric pump as auxiliary; also one water power pump at Reservoir No. 2 for supplying water to higher elevations on Mount Tabor. This system is in fairly good condition.

Distribution System—

Two hundred and thirty-five miles of water mains ranging from thirty to four inches in diameter and sixty-six miles of smaller pipes. Total three hundred and one miles. All in serviceable condition.

Pumping Plants—

Palatine pumping station on the Willamette River five miles above the City, and high service pumping station at Seventh and Lincoln streets, which formerly supplied all the water for that portion of the City west of the river. These pumps have never been used since the gravity system was completed, January 1, 1895, but they are kept in order and ready to supply water in case of accident to the Bull Run conduit; Albina pumping station supplying water to a portion of that district pumped from wells and also from the Bull Run main, was discontinued April 1st, 1907, but is held in readiness in case of emergency; pumping station in City Park supplying water to Portland Heights and Willamette Heights; former pumping station at Milwaukie and Powell streets, which originally supplied water pumped from wells to the East Portland district, and now used as a warehouse. Here are stored the pumps formerly used, and also the pumps purchased from the McGuire Co. and Mount Tabor Water Co., which at one time supplied water to a portion of the East Portland district. All these pumps are more or less worn by use, but they are in serviceable condition.

During the year 1903, soon after the present Charter took effect, the above described property (excepting extensions of mains and improvements to reservoirs made since that time) was appraised at \$6,516,000.00 by the appraisers employed by the City to appraise all of its property.

Since then the Water Board has added to said appraised value \$1,118,239.65 by expenditures for extending distributing mains and improving reservoirs, \$4,500.00 for purchase of site for branch office of East Portland, \$2,000.00 for purchase of site for stand pipe, \$5,859.00

for rebuilding Albina pump station, and \$49,111.21 for purchase of Mount Tabor, Piedmont and Woodlawn waterworks. This would make the present value \$7,695,709.86.

It is possible that the increase in value of the real property will offset whatever depreciation there may have been in the water mains, etc.

During the year 1907 the cash receipts for water sold amounted to \$559,531.10. After deducting \$160,000.00 for interest on the \$3,150,000.00 water bonds, \$31,500.00 for the Sinking Fund, \$49,111.21 for purchase of Mount Tabor, Piedmont and Woodlawn waterworks, and \$127,287.46 for operating and maintaining the waterworks and purchase and setting of meters (latter item amounting to \$43,279.31), the balance, to be used for extending mains and other improvements, was \$191,632.43. This amount would pay 2½ per cent interest on the \$7,695,709.86.

Material for Mains—

Cast iron pipes, 1,637.8 tons @ \$42.75.....	\$ 70,015.95
Steel riveted pipe, 42-inch, 250 feet @ \$3.00.....	750.00
Submerged pipe, 24-inch, 72 feet @ \$8.50.....	612.00
Kalamein pipe, 12-inch, 6,089 feet at \$1.75.....	10,655.75
Wrought iron pipe, 6-inch and 8-inch, 1,420 feet @ 10c (old)	142.00
Wrought iron pipe, 2-inch and 2½-inch, 3,500 feet @ 3c (old)	105.00
Cast iron specials, 344,010 pounds @ 3½c.....	12,040.35
Kalamein specials, 2,816 pounds @ 6c.....	168.96
Gates, 62	773.11
Patent gates, 234.....	8,142.30
Curb cock covers, 100.....	16.00
Curb cock covers with boxes, 160.....	41.60
Gate frames and covers, 64.....	285.12
Pig lead, 800 pounds @ \$5.00.....	40.00

Material for extending mains, also in good condition....\$103,788.14

IMPLEMENTS AND PORTABLE PROPERTY.

Meters—

¾-inch, 5,896 @ \$ 7.80.....	\$50,988.80
¾-inch, 352 @ 10.65.....	3,748.80
1 -inch, 279 @ 15.63.....	4,360.77
1½-inch, 3 @ 33.00.....	99.00
2 -inch, 42 @ 49.82.....	2,092.44
4 -inch, 2 @ 150.00.....	300.00

6,574

Tools and material at tool house.....	864.63
Tools and material in wagons.....	214.40

\$62,668.84

Tools, etc.	No.	Value.
Anvils	7	\$ 28.50
Alum, barrels	6	24.00
Augers	10	7.00
Auger bits	16	8.00
Axes	24	23.75
Axes, hand	9	7.75
Adze	3	3.00
Brush hooks	3	3.00
Brushes, horse sets	3	4.50
Brushes, paint	3	1.25
Brushes, scrub	6	1.00
Brushes, wire.....	3	.80
Bars, crow	29	22.50
Bars, draw	1	.75
Bars, claw	2	1.25
Bars, chisel	11	9.75
Bars, steel	2	1.00
Bars, tamping	12	6.00
Bars, pinch	2	2.00
Bellows, hand	1	.50
Bands, pounds	130	5.20
Bands, 33, 35 and 42-inch.....	13	178.00
Bolts, concrete, pounds.....	200	4.00
Bolts, machine, pounds.....	400	12.00
Bits, extension	3	2.25
Boxes, tool	8	18.50
Boxes, tool wagon.....	1	25.00
Boxes, gate	100	42.00
Boxes, meter	40	24.00
Blowers	2	41.00
Bricket oven	1	5.00
Blocks, chain	14	180.00
Blocks, wooden, single.....	6	5.25
Blocks, iron, single		3.00
Blocks, wooden, double.....	19	32.50
Blocks, snatch	4	19.00
Braces and bits, sets.....	5	12.00
Bits, sets	1	5.00

Brooms, cane	12	3.00
Brooms, corn	10	2.60
Buggies	3	80.00
Belting, 8-inch, feet.....	50	25.00
Cable, half-inch, feet.....	450	27.50
Cable, bundles	1	.75
Cans, oil	40	34.60
Cement, barrels	6	23.50
Cement, sacks	4	2.75
Cement, pounds	100	1.00
Canvas, square yards.....	154	26.00
Chairs	11	5.25
Carts, tool	3	115.00
Carts, dump	1	50.00
Carts, pipe	3	50.00
Carts, push	1	12.00
Caps	44	2.33
Chain, feet	188	20.00
Calking irons, pounds.....	310	40.25
Couplings, half-inch up.....	30	3.00
Climbers, pole, pairs.....	1	1.50
Chisels, cold, pounds.....	130	26.00
Chisels, bammer, pounds.....	80	18.25
Chisels, wood	5	1.75
Clamps, pipe, pounds.....	545	57.75
Clamps, gasket	5	1.25
Clamps	60	30.00
Coal, blacksmith, pounds.....	1500	16.00
Coal, furnace, pounds.....	1800	14.50
Candlesticks	5	1.25
Corporation cocks, 1/2-inch.....	96	37.66
Corporation cocks, 5/8-inch.....	55	32.30
Corporation cocks, 3/4-inch.....	12	9.00
Curb cocks, 1/2-inch	72	32.00
Curb cocks, 3/4-inch.....	60	34.00
Curb cocks 1-inch.....	8	4.50
Cutters, pipe	27	62.25
Clocks	1	4.00
Dies, pipe, sets.....	11	55.00
Dies, blacksmith, sets.....	1	10.00
Derricks	6	113.00
Derricks, gearing	2	125.00
Derricks, tripods	3	20.00

Desks	3	12.00
Drills, hand, pounds	30	4.60
Draw knife	1	.75
Dollys	4	10.50
Diamond points, pounds.....	50	6.50
Donkey engine	1	300.00
Ells, ½-inch up.....	110	22.00
Fittings, malleable, pounds.....	500	90.00
Fittings, brass, small, pounds.....	70	16.00
Forges	8	57.50
Forks	5	2.50
Furnaces, lead	9	80.00
Furnaces, wagon	1	50.00
Files	57	13.00
Gaskets	23	21.50
Gauges	5	12.50
Gauges, water, glass.....	20	17.75
Guards, wood	24	15.00
Grindstones	7	12.00
Gong signal	4	12.00
Hammers, sledge	20	35.50
Hammers, hand	27	24.00
Horses	8	965.00
Horse covers	3	5.00
Horse blankets	3	3.00
Harness sets	9	115.00
Hose, feet	250	22.50
Hydrant spanners	7	5.75
Keys, valve	72	124.50
Keys, stop cock	30	27.00
Keys, ratchet	1	20.00
Ladles, lead	17	39.50
Lamps	12	10.00
Lanterns	62	37.50
Lawn mowers	3	30.00
Lead, sheet, pounds	110	8.10
Lead, connections	61	52.00
Lead, runners	12	15.00
Levels, carpenter	5	6.00
Lumber, rough, feet	8300	99.00
Lumber, dressed, feet.....	3500	94.50
Lumber, treated, feet	3000	114.00
Lathe chuck	1	5.00

Maul, spike	1	1.50
Mattocks	16	16.00
Mops	3	.75
Nuts and washers, pounds.....	105	4.20
Nails, kegs	½	1.50
Nails, pounds	1000	36.00
Oil, gallons	165	35.00
Oil, valve, gallons	75	35.00
Oil, engine, gallons	40	10.00
Oil sets	2	15.00
Pots, lead	14	60.50
Pipe, feet	830	39.00
Pails, galvanized	27	9.75
Paper, tar, rolls	45	100.00
Packing, rubber, pounds.....	90	34.00
Packing, hemp, pounds	70	29.50
Plane, carpenters	3	3.50
Paint, metallic, barrels.....	½	3.00
Picks	152	120.25
Pumps, hand	7	130.00
Pulleys, wood	2	5.00
Posts, fence	10	2.00
Pump, steam, 8-inchx10-inch.....	1	250.00
Rakes	6	3.75
Rollers	2	25.00
Rope, packing, pounds.....	4300	178.00
Rope, manila, pounds.....	40	6.00
Ratchet	6	84.50
Resin, barrels	2	15.00
Steady rest, blacksmith	1	2.50
Steel, soft, pounds.....	900	27.00
Steel, old, pounds	100	10.00
Steel, tool, pounds	350	28.75
Scrap iron, pounds	31,000	310.00
Scrapers, flue	3	5.00
Saws, hand	19	45.00
Saw, sets	4	3.25
Scales, weighing	1	15.00
Screws, jack	9	52.00
Screw drivers	6	5.00
Scythes	4	4.00
Scythes, handles	1	1.50
Shovels	187	115.00

Stoves, oil	4	25.00
Squares, carpenter	5	4.00
Stocks and dies, sets	7	45.00
Staples, kegs	½	1.50
Surveying and electric instruments.....	16	520.00
Soap, boxes	1	1.50
Tampers	96	50.50
Tapping machines	10	978.00
Taps and dies, sets	1	3.00
Telephone boxes, iron	2	10.00
Telephone brackets	60	3.00
Telephone repair tools, sets.....	4	20.00
Tongs, chain	16	96.00
Tongs, forge, pairs.....	16	17.00
Tools, bench, pounds.....	100	10.00
Tools, yarning sets.....	4	2.00
Trowels, mortar	1	.75
Trucks, hand	7	29.50
Timber hooks	2	2.00
Thermometers	2	2.00
Tanks, water	3	125.00
Vises	12	41.00
Valves, float	1	1.00
Wagons	8	540.00
Wheelbarrows, iron	9	17.00
Wheelbarrows, wood	2	2.00
Wrenches, Stillson	12	13.00
Wrenches, Trimo	13	17.50
Wrenches, monkey	27	19.75
Wrenches, socket	1	1.00
Wrenches, engine	7	3.00
Total		\$ 9,094.14
Meters		\$62,668.84

Total of implements and portable property.....\$71,762.98

The foregoing inventory shows the approximate value of pipes and other materials available for extending mains, etc., to be \$103,788.14.

It also shows the present approximate value of meters to be \$62,668.84, and of implements, etc., \$9,094.14. Total, \$71,762.98.

On December 31, 1906, the valuation of meters was \$34,986.59, and of implements, etc., \$6,563.09. Total, \$41,549.68.

The increase during the year, due to purchases and after deductions for depreciation, was \$30,213.30. Deducting this amount from the above cash disbursements, \$127,287.46, shows that the cost of operating and maintaining the waterworks during the year 1907 was \$97,074.16, which is 17.3 per cent of the above \$559,531.10, cash received for water sold; an increase of 3.3 per cent due principally to installation of meters, of which 2,804 were installed during the year, making a total in use of 6,436, as against 3,572 a year ago. The interest on the bonds was 28.6 per cent, and sinking fund 5.6 per cent, leaving 48.5 per cent net profit available for extensions of the waterworks.

The total number of dwellings, stores and other places using and paying for water during the month of December, 1906, was 24,826. During December, 1907, the number was 29,966, an increase of 5,140, or 20.7 per cent. About one-third of this increase of 20.7 per cent was due to the addition to the city waterworks of dwellings, etc., formerly supplied by the three above-named private waterworks purchased by the City during 1907, and the remaining two-thirds to the growth of the City.

Of the above 29,966 places using and paying for water during December, 1907, 6,436, equivalent to 21.5 per cent, were supplied through meters.

These meters are used principally for checking the waste of water. Except for laundries, factories and other large consumers of water, and for hydraulic elevators, water is not sold at meter rates.

Each dwelling, store or other place supplied with water, is charged a schedule rate according to the number of fixtures. This is the minimum rate. If there is a meter attached and it shows that more water is used during any one month than is paid for at meter rates, by the schedule or minimum rate, the excess is charged for, in addition, at meter rates, namely, 12½ cents for 100 cubic feet, which is equivalent to 16 2-3 cents per thousand gallons.

RECAPITULATION.

Real property and gravity, distributing and pumping systems	\$7,695,709.86
Material on hand for extending mains.....	103,788.14
Meters, tools, etc., in hands of operating department.....	71,762.98
	<hr/>
	\$7,871,260.98

All of the above has been acquired by the sale of \$3,150,000.00 water bonds and by the net receipts for water sold during the twenty-

one years that the City has owned and operated the waterworks. The interest on the bonds, amount in the sinking fund and the cost of operation and maintaining the waterworks has been paid out of the receipts.

There has been no tax on property for water purposes.

The following is a summary of the earnings, receipts and disbursements during the year 1907:

RECEIPTS.

Gross earnings of the waterworks.....	\$639,083.80
Deduct due from City for water for fire protection, etc....	79,552.70
	<hr/>
Cash receipts of waterworks.....	\$559,531.10
Deduct operating expenses and repairs.....	97,074.16
	<hr/>
	\$462,456.94
Deduct increase in meters, tools, etc.....	30,213.30
	<hr/>
Net income from waterworks.....	\$432,243.64
Deduct interest on bonds	\$160,000.00
Deduct paid to sinking fund	31,500.00— 191,500.00
	<hr/>
	\$240,743.64

DISBURSEMENTS.

Extending mains	\$250,931.21
Waterworks purchased	49,111.21
Reservoirs, construction and repairs.....	16,595.58— 316,638.00
	<hr/>
	\$ 75,894.36
Funds on hand December 31, 1906.....	79,136.70
	<hr/>
Funds on hand December 31, 1907.....	\$ 3,242.34

The accompanying statement for each year shows that during the twenty-one years that the City has owned and operated the waterworks, the receipts and expenditures by the Water Department have been as follows:

RECEIPTS.

Gross earnings by the waterworks.....	\$6,692,684.00
Deduct due from City for water for fire protection, sprinkling, etc.	673,589.35
	<hr/>
Cash receipts from waterworks.....	\$6,019,094.65

Deduct operating expenses and repairs.....	1,123,373.66
	<hr/>
	\$4,895,720.99
Deduct for meters, tools, etc., on hand.....	71,762.98
	<hr/>
Net income from waterworks	\$4,823,958.01
Deduct interest on bonds.....	2,327,124.17
	<hr/>
	\$2,496,833.84
Deduct for sinking fund.....	94,500.00
	<hr/>
Net earnings used for extending mains and construction	\$2,402,333.84
Water bonds sold.....	\$2,900,000.00
Premium on bonds.....	222,200.70— 3,122,200.70
	<hr/>
	\$5,524,534.54

EXPENDITURES.

Waterworks purchased	\$ 771,833.41
Additional pumps and force mains.....	279,046.13
	<hr/>
	\$1,050,879.54
Deduct property sold	4,560.48
	<hr/>
	\$1,046,319.06
Extending distributing mains.....	1,607,162.14
Bull Run gravity system.....	2,867,811.00— 5,521,292.20
	<hr/>
Balance in water fund December 31, 1907.....	\$ 3,242.34

Respectfully,
FRANK T. DODGE, Superintendent.

ENGINEER'S OFFICE.

Water Department.

Portland, Oregon, January 9, 1908.

The Water Board, City of Portland, Oregon.

Gentlemen: The following report of the operations of the Construction Department for the year ending December 31, 1907, is respectfully submitted for your consideration:

Extending Mains.

During the first six months of the year the work of extending distribution mains was in active progress, and the construction of a number of important mains was authorized. Since July 1st this work has been interrupted awaiting the decision of the courts upon the new Charter amendments, and the work done since that time has been almost entirely that of completing extensions authorized earlier in the year.

During the year, mains 12 inches in diameter and over have been constructed as follows:

- 1200 feet 12-inch C. I. main, Dawson St., Portsmouth to McKenna Ave.
- 3283 feet 12-inch C. I. main, Union Ave., Killingsworth to Dekum Ave.
- 5150 feet 16-inch C. I. main, Grand Ave., Everett to Market Sts.
- 4120 feet 20-inch C. I. main, 14th St., Davis to Thurman Sts.
- 1016 feet 20-inch C. I. main, Lovejoy St., 10th to 14th Sts.
- 9506 feet 12-inch wood stave pipe, Reservoir No. 1 to intersection of Villa avenue and Broad street for the supply of the Montavilla district.

Total mains 12 inches diameter and over, 24,275 feet—4.6 miles.

Negotiations commenced during the year 1906 looking towards the purchase of the distribution mains laid and used by the Piedmont Water Co. and the Mount Tabor Water Co. were completed and the purchase price agreed upon early in the year. The formal transfer of the Mount Tabor plant was completed on April 1st upon the payment of \$25,000.00, and the transfer of the Piedmont plant was made effective June 1st upon the payment of \$20,000.00. Later in the year arrangements were completed for the purchase of the pipes owned by H. Kuhik, proprietor of the Woodlawn water system, for the sum of \$4,000.00, and the transfer was effected September 1st.

The following is a statement of the length of mains included in the properties purchased as above:

WATER SYSTEMS	Mains 4 in. dia. & over		Mains under 4 in. dia.		Mains all sizes	
	Feet	Miles	Feet	Miles	Feet	Miles
Piedmont	13,150	2.491	50,960	9.651	64,110	12.142
Mt. Tabor	7,140	1.352	104,615	19.813	111,755	21.165
Woodlawn	*1,450	.274	20,637	3.909	22,087	4.183
Total	21,740	4.117	176,212	33.373	197,952	37.400

*6-inch wood pipe.

Total mains of all sizes laid and purchased during the year .53.547 miles
 Total mains relaid with larger sizes 3.991

Net increase in mileage during the year 49.556 miles

- West Side 1.891 miles
- East Side 28.451 miles
- Albina 19.214 miles—49.556 miles

Total expenditures during the year account extending mains and the purchase of pipes connected with Mount Tabor, Piedmont and Woodlawn water systems:

- Extending mains \$250,931.21
- Waterworks purchased 49,111.21—\$300,042.42

The accompanying table shows the total mains of all sizes now in use to be as follows:

- Mains under 4 inches in diameter 65.903 miles
- Mains 4 inches in diameter and over . . . 235.518 miles—301.421 miles

Total mains of all sizes, including Palatine Hill mains, but not including Bull Run conduit:

- West Side 96.870 miles
- East Side 114.299 miles
- Albina 90.252 miles—301.421 miles
- Bull Run conduit, headworks to City Park 31.085 miles

Total 332.506 miles

During the year estimates of cost were prepared upon 124 petitions calling for a total of 42.47 miles of mains, ranging in size from 4 to 20 inches in diameter.

Total estimated cost of mains petitioned for.....\$372,480.00

Of these petitions quite a number were reported upon adversely by the Department, and of the remainder, several of the largest-sized mains have been ordered laid. Action upon a large number, however, has been deferred until the courts have rendered a decision upon the new Charter amendments.

Portland Heights Pump and Force Main.

The necessity for an increased supply for the Portland Heights district became apparent during the year 1906, and the cost of the work was included in the estimate for the year 1907. In March, 1907, contracts were awarded for the pump, electric motor and force main. The pump and motor have since been received and installed in the City Park power-house. The pipe for the force main has also been received and stored. These materials not arriving as soon as expected, it was found to be impossible to complete the work in time for use during the Summer months, and the laying of the main was therefore deferred until another year.

Zimmerman-Wells-Brown Co. were the contractors for furnishing one 500,000-gallon Gould pump and one General Electric 100 H. P. motor for operating pump for the sum of \$5,183.00.

Crane Company were awarded a contract for furnishing 6,000 linear feet 12-inch Kalameined Converse Lock Joint pipe for \$10,500.00, for use at the lower end of the force main.

For the upper portion of the force main cast iron pipe will be used, to be taken from the stock purchased of the American Cast Iron Pipe Company of Birmingham, Ala., under their contract for distribution mains.

Pelton Water Wheel and Pump at Reservoir No. 2.

During June a contract was awarded the Platt Iron Works for furnishing one 375,000-gallon Smith-Vaile pump, and one 40 H. P. Pelton water wheel for the sum of \$1,554.00. This wheel and pump are now installed in the gate-house at Reservoir No. 2, and are used for the supply of the higher levels of Mount Tabor in place of the Paradise Springs steam pump purchased as a part of the Mount Tabor Water Co. system and now dismantled. Connection with the Mount Tabor

pipe system has been made by means of a 6-inch cast iron main leading from Reservoir No. 2 to the old pump main at the intersection of Hawthorne and West avenues.

Reservoirs.

Willamette Heights Tank—

During the year 1906, in accordance with the recommendations of the National Board of Fire Underwriters, a 60,000-gallon concrete-lined tank was constructed at the northern extremity of the Willamette Heights main at El-445.6. This tank was connected with the high-service pump main supplying that district in December of last year, and has since rendered efficient service in equalizing the pressure in the mains.

South Portland Tank—

A tank of similar construction to that at Willamette Heights, and of equal capacity, has been built during the year at a point near the intersection of Bancroft avenue and West street in South Portland, at elevation 475. This tank is situated near the southern extremity of the main supplying the high-service district in the vicinity of Bancroft avenue, west of Front street. This tank was connected with the distribution mains in July, and has been in service since that time.

Portland Heights Tank—

In May a tract of land was secured as a site for the new 600,000-gallon reservoir for use in connection with the electric power pump as an additional supply for the Portland Heights district. The point selected is about one-half mile southwest from the present tank and at El-860.

The construction of this reservoir has not yet been undertaken, but it is desirable that it should be completed before the next warm season.

Drainage Tunnels at City Park—

The drainage tunnels under the sliding ground west of the City Park reservoirs have received careful attention during the year. The flow of water from these tunnels has varied with the season, ranging between 18,000 and 108,000 gallons per day, for the most part, or about the same as in previous years.

There still remains about 4,000 linear feet of these tunnels supported by the timber work placed when the tunnels were excavated in 1904 and 1905. These timbers are beginning to show signs of decay, and

will soon have to be replaced by a permanent lining of concrete. This work should be commenced during the coming season and at least one-half of the full amount completed during the year 1908. The remainder can be deferred until the following year.

Sliding Land Surveys.

During the year just passed, surveys of the sliding ground have been made at intervals of about three months. These surveys have shown an appreciable diminution of the movement during the year, the average movement of points observed, along the central portion of the original slide, being about 76-100 of an inch, or about $\frac{3}{4}$ of the movement observed during the year 1906.

Total expenditure during the year on account of reservoirs, \$16,595.58.

Additional Distribution Mains.

In addition to the large mains which have been favorably considered during the past year, some of them having been constructed already, the National Board of Fire Underwriters has recommended the construction of the following re-inforcement mains, viz.:

Chapman St., Jefferson to Washington.....	2,000 feet 12-inch main
(Should be 16-inch)	
7th and College to First and Hooker.....	4,570 feet 12-inch main
East Stark, 28th to 1st.....	7,050 feet 16-inch main
East 1st, Holladay to Hancock.....	2,400 feet 16-inch main
East 12th and Division to Grand Ave. and Market	3,950 feet 16-inch main
Thurman, 19th to 21st.....	1,040 feet 20-inch main
21st, Thurman to Colton.....	1,330 feet 20-inch main
Colton, 21st to N. Front.....	300 feet 20-inch main
Kearney (Lovejoy), 14th to 19th.....	1,300 feet 12-inch main

Total length24,440

Total estimated cost\$82,720

The foregoing complete the list of reinforcement mains named in the report of the National Board of Fire Underwriters issued in 1905.

There will also be required several large mains for connecting proposed new reservoirs with present distribution system, and for the further reinforcement of the same, but the size and length of these mains cannot be determined until the location of the reservoirs has been decided upon.

(Signed) Respectfully submitted,
D. D. CLARKE, Engineer.

**PIPE EXTENSIONS COMPLETED DURING THE YEAR 1907.
WEST SIDE**

Date	LOCATION OF MAIN			Size Inches	Length Feet
	Street	From Street	To Street		
Sept. to Nov. '06	Overton . . .	24th	26th	6	1038
1907					
May . .	Bancroft av. & West . . .	Ohio	Tank on West . . .	6	935
June . .	Fairbanks av.	Thurman . . .	Vaughn	6	510
" . .	Florida . . .	Macadam Road	Wisconsin	6	1068
" . .	Front	Fire protection	Ainsworth Dock . .	6	48
Dec. . .	14th	Thurman . . .	Davis	20	4120
" . .	Lovejoy . . .	10th	14th	20	1016
" . .	Miscellaneous	Hydrant Connec	tions	6	200
" . .	Front	Glisan	Flanders	6	48
" . .	By purchase	of Trinity Parish			
" . .	Trinity Place	Washington . .	Everett	6	745
" . .	Everett . . .	Trinity Place .	20th	6	260
			Total West Side .		9988
					1,891 miles

RECAPITULATION

WEST SIDE

Total length of 6 inch Pipe	0.919 miles
" " 20 " "	0.972 "
Total	1,891 miles

PIPE EXTENSIONS COMPLETED DURING THE YEAR 1907
EAST SIDE

Date	LOCATION OF MAINS			Size in.	L'gth Ft.
	Street	From Street	To Street		
1907					
Feb.	Tabor Ave.	Base Line Road.	Tabor	12	36
"	E. 17th . . .	Multnomah . .	Tillamook	8	2000
"	E. 19th . . .	Umatilla	Sherrett Ave. . . .	6	550
"	E. 24th . . .	Broadway	Tillamook	8	835
"	E. 24th . . .	3 Intersection .	Branches	6	25
Mar.	Sherrett Ave.	E. 13th	E. 19th	6	1500
May	Hawthorne	West Ave.	Euclid Ave.	8	1611
"	Euclid Ave	Hawthorne. . . .	Pump Station	6	475
"	Benton . . .	Dixon	Dupont	6	530
June	Belmont . . .	100 ft East of 20th	35th	8	4400
July	"	1 Intersection an	d 4 Hydrant Branch's	6	104
"	E. 6th	Ellsworth	Haworth	6	287
"	Broadway . .	24" main E of 34	th to 141" W. of 34th	8	36
Aug.	Grand Ave.	Everett	Market	16	5150
"	" "	" "	" "	6	20
Aug.	Clinton . . .	26th	Habersham Ave. . . .	8	4658
Nov.	"	"	"	"	"
Sept.	Claremont . .	Stark	Glisan	8	2620
"	"	"	"	6	132
Oct.	Habersham Av	Division	Ellsworth	6	1000
"	" "	Intersection bra	nch at Taggart	4	24
"	" "	" "	" " " Clinton	8	24
"	Taggart . . .	Habersham Ave.	236 ft West.	4	236
"	West Ave . .	Reservoir No. 2	Hawthorne Ave	6	2160

PIPE EXTENSIONS COMPLETED DURING THE YEAR 1907
EAST SIDE (Continued)

Date	LOCATION OF MAINS			Size in.	L'gth Ft
	Street	From Street	To Street		
1907					
Sept.	Broad	Villa Ave. . . .	Base L Road (Wood)	12	2651
"	B. L. Road and Kinzel	Broad	Hart "	12	3351
"	Hart, Clinton, 6th, Peterson.	Kinzel	Right of W to Res. 1 (Wood)	12	2111
"	Right of W. to Res. 1 & Tabor	Peterson	Reservoir 1, (Wood)	12	1393
Dec	Everett	Union Ave. . . .	Grand Ave.	8	302
Mar	By Purchase of	Land Com'ny of	Oregon		
"	Leo Ave. . . .	E. 7th	E. 15th	6	1570
"	" "	E. 7th	E. 15th	4	520
"	Bidwell	E. 7th	E. 13th	4	1540
"	Lexington . .	E. 7th	E. 15th	4	2090
"	Miller	E. 7th	E. 13th	4	1540
"	E. 7th	Leo Ave	Miller	4	780
"	E. 9th	" "	Bidwell	6	260
"	E. 11th	" "	"	6	260
"	E. 13th	" "	Miller	4	780
Dec	By Purchase of	Land Com'ny of	Oregon		
"	Boulevard . .	E. 7th	E. 13th	4	1594
"	Flavel	E. 11th	E. 13th	4	440
"	Rex	E. 9th	E. 13th	4	904
"	Malden	E. 7th	E. 13th	4	1540

9506

PIPE EXTENSIONS COMPLETED DURING THE YEAR 1907
EAST SIDE (Continued)

Date	LOCATION OF MAINS			Size in.	L'gth F't
	Street	From Street	To Street		
1907					
April .	By Purchase of	Mt. Tabor Water	Company	4	7140
" .	" " "	" " "	"	2½	5760
" .	" " "	" " "	"	2	49620
" .	" " "	" " "	"	1½	2840
" .	" " "	" " "	"	1¼	13530
" .	" " "	" " "	"	1	19360
" .	" " "	" " "	"	¾	11095
" .	" " "	" " "	"	½	2410
Dec. .	By Purchase of	Knapp & McKay			
" .	E. 35th	Hawthorne . . .	E. Harrison		
" .	E. Harrison . .	E. 35th	E. 34th.	6	1200
					112955
Total for East Side . 31,249 miles					

RECAPITULATION
EAST SIDE

16" Pipe = 0.975 miles	4" Pipe = 3.623 miles	1¼" Pipe = 3.563 miles
12" " = 1.807 "	2½" " = 1.091 "	1" " = 3.667 "
8" " = 3.122 "	2" " = 9.398 "	¾" " = 2.101 "
6" " = 1.907 "	1½" " = 0.539 "	½" " = 0.456 "
Total . . . 31.249 miles		

PIPE EXTENSIONS COMPLETED DURING THE YEAR 1907

ALBINA

Date	LOCATION OF MAINS			Size in.	L'gth F't
	Street	From Street	To Street		
1907					
Jan. . .	Grand Ave. .	Failing	Shaver.	6	450
Feb. . .	24th	Thompson	Tillamook	8	662
" . . .	17th	"	"	8	722
" . . .	Brazeo	Union Ave.	E. 7th	6	700
Mar. . .	Klickitat. . . .	" "	E. 7th	6	750
" . . .	Going	Williams Ave. . .	Vancouver Ave. . .	2	900
Apr. . .	Union Ave. . . .	Killingsworth A.	Dekum Ave.	12	3283
" . . .	" "	3 Intersection b	ranches	8	204
" . . .	" "	3 Hydrant and 5	Intersect'n branches	6	290
May . . .	E. 16, & Atwood	Ainsworth Ave.	Howe	6	2446
June . . .	Russell	Williams Ave. . .	Union Ave.	8	1320
" . . .	"	1 Branch connec	tion Rodney Ave. .	6	24
" . . .	"	2 Hydrant conne	ctions	4	24
Aug. . . .	Dekum Ave. . . .	Hendricks	Durham Ave.	2	256
"	" "	"	" "	8	1932
"	Hancock	16th	24th	6	2088
Aug. . . .	Peninsula Ave.	Pippin	Hartford		
Sept. . . .	" "	" "	" "	6	3636
Nov. . . .	Dawson	Portsmouth Ave.	McKenna	12	1200
"	" Inters	ection branch at	Monteith	8	96
"	" Int. bra	nches at Berkley,	Clarendon, Van Hou-		
"	" ten and	Exeter.	ten and	6	144
"	Vancouver Av.	Mason	Shaver.	6	432

PIPE EXTENSIONS COMPLETED DURING THE YEAR 1907

ALBINA (Continued)

Date	LOCATION OF MAINS			Size in.	L'gth F't
1907					
Sept.	By Purchase	The Woodlawn Water Plant, (Wood)		6	1450
"	"	"	"	2 1/2	7482
"	"	"	"	2	1545
"	"	"	Galv. Iron	2	1591
"	"	"	"	1 1/2	400
"	"	"	"	1	610
"	"	"	"	2	412
"	"	"	(Iron)	1 1/2	3025
"	"	"	"	1	2770
"	"	"	"	3/4	2802
June	By Purchase	The Piedmont Water Mains Wrot Iron		2	23695
"	"	"	"	1 1/2	15515
"	"	"	"	1 1/4	4550
"	"	"	"	1	4500
"	"	"	"	3/4	2700
"	"	"	"	6	3950
"	"	"	"	4	9200

Total for Albina, 107,756 = 20,408 miles

RECAPITULATION
ALBINA

12" Pipe = 0.849 miles	2 1/2" Pipe = 1.417 miles	1" Pipe = 1.492 miles
8" " = 0.935 "	2" " = 5.379 "	3/4" " = 1.042 "
6" " = 3.098 "	1 1/2" " = 3.587 "	Total, . . . 20,407 "
4" " = 1.747 "	1 1/4" " = 0.860 "	

RECAPITULATION
PIPE EXTENSIONS LAID AND PURCHASED DURING YEAR 1907

Size	West Side	East Side	Albina	Total Miles
	Miles	Miles	Miles	
1/2"		0.456		0.456
3/4"		2.101	1.042	3.143
1"		3.667	1.492	5.159
1 1/4"		2.563	0.860	3.424
1 1/2"		539	3.587	4.126
2"		9.398	5.379	14.777
2 1/2"		1.091	1.417	2.508
4"		3.623	1.747	5.370
6"	0.919	1.907	3.098	5.924
8"		3.122	0.935	4.057
10"				
12"		1.807	0.849	2.656
14"				
16"		0.975		0.975
20"	0.972			0.972
24"				
Totals	1.891	31.249	20.407	53.547

MAINS REMOVED OR ABANDONED DURING THE YEAR 1907
LOCATION OF MAINS

Street	From Street	To Street	Size in.	Kind	Feet	Miles
West Side						
East Side	Union Ave.	Davis	4	C. I.	260	.049
" "	Grand	Washington	3	W. I.	780	.148
" "	"	"	6	C. I.	425	.080
" "	Washington	Grand Ave.	3	W. I.	260	.049
" "	Seventh	Market	2	" "	2050	.388
" "	Hawthorne Ave.	Pump Station	2	" "	1600	.303
" "	"	"	4	Mat.	1600	.303
" "	West Ave.	Hawthorne Av. Reservoir No. 2	2 1/2	W. I.	2600	.492
" "	Kinzel-Olive to Vine to Clinton to Peterson	"	2	Gal. I.	2200	.417
" "	Belmont	32nd	4	C. I.	700	.133
" "	Clinton	26th	2 1/2	W. I.	500	.095
" "	"	28th	2	" "	1800	.341
					<u>14775</u>	<u>2.798</u>
Albina	Grand Ave.	Failing	1		400	.076
"	Stanton	Delay	2		360	.068
"	"	"	1		1156	.219
"	17th	Thompson	3		536	.102
"	Brazee	Union Ave.	2		700	.133
"	Going	Vancouver Ave.	1		900	.170
"	Knot	Albina	2		600	.114
"	"	Bothwick	1		200	.037
"	"	Vancouver Ave.	1		250	.046
"	Russell	Williams Ave.	8		1200	.228
					<u>6302</u>	<u>1.193</u>

MAINS REMOVED OR ABANDONED DURING YEAR 1907
RECAPITULATION

	Total	1 in.	2 in.	2 1/2 in.	3 in.	4 in.	6 in.	8 in.
West Side	Miles							
East Side	2.798		1.449	.587	.197	.485	.080	
Albina	1.193	.548	.315		.102			.228
Total	3.991	.548	1.764	.587	.299	.485	.080	.228

WATER DEPARTMENT, PORTLAND, OREGON
SUMMARY OF WATER MAINS IN USE DECEMBER 31, 1907

Size in inches	WEST SIDE			EAST SIDE				ALBINA				TOTALS			
	C. I.	STEEL OR W. I.	TOTAL MILES	C. I.	STEEL OR W. I.	WOOD	TOTAL MILES	C. I.	STEEL OR W. I.	WOOD	TOTAL MILES	C. I.	STEEL OR W. I.	WOOD	TOTAL MILES
30	.871	4.282	5.153	.265	1.800	...	2.065	...	...	...	...	1.186	6.082	...	7.218
24	2.289	4.630	6.919	3.788	2.481	...	6.269	2.143	...	...	2.143	8.220	7.111	...	15.331
20	3.981	.667	4.648	2.116	.586	...	2.702	1.094	...	...	1.094	7.191	1.253	...	8.444
18	.089	.596	.685	...	.587	...	.587	...	...	...	...	.089	1.183	...	1.272
16	2.358	...	2.358	2.865	...	...	2.865	2.190	...	...	2.190	7.413	...	...	7.413
14	3.176	...	3.176	3.469	...	...	3.469	2.290	...	...	2.290	8.935	...	...	8.935
12	3.581	...	3.581	1.622	...	1.800	3.422	2.300	...	...	2.300	7.503	...	1.800	9.303
10	7.905	...	7.905	3.983	...	...	3.983	1.040	.263	...	1.303	12.928	.263	...	13.191
8	3.761	...	3.761	9.533	...	...	9.533	8.307	.494	...	8.801	21.601	.494	...	22.095
6	35.301	1.733	37.034	35.739	...	...	35.739	13.087	5.324	.275	18.686	84.127	7.057	.275	91.459
4	20.110	...	20.110	18.359	1.049	...	19.408	4.758	6.581	...	11.339	43.227	7.630	...	50.857
			95.330	...	...	...	90.042	...	...	...	50.146	...	...	...	235.518
3	.614	...	.614	...	.896	...	.896	...	1.034	...	1.034	.614	1.930	...	2.544
2½	...	.182	.182	...	.504	...	.504	...	...	1.417	1.417	...	.687	1.417	2.103
2	...	.744	.744	...	11.844	...	11.844	...	24.711	.293	25.004	...	37.299	.293	37.592
1½	...	...	...	...	1.262	...	1.262	...	3.587	...	3.587	...	4.849	...	4.849
1¼	...	...	...	...	2.563	...	2.563	...	.861	...	.861	...	3.424	...	3.424
1	...	...	...	...	4.631	...	4.631	...	7.161	...	7.161	...	11.792	...	11.792
¾	...	...	...	...	2.101	...	2.101	...	1.042	...	1.042	...	3.143	...	3.143
½	...	...	...	...	.456	...	.456	...	...	...	...	...	.456	...	.456
	84.036	12.834	96.870	81.739	30.760	1.800	114.299	37.209	51.058	1.985	90.252	202.984	94.653	3.785	301.421

BULL RUN TRUNK CONDUIT	42 inch Steel,	10.022 miles	32 inch Cast Iron,	6.020 miles
	35 " " " " " " " "	7.772 "	28 " " " (subm'g'd)	.380 "
	33 " " " " " " " "	6.505 "	Total, C. I.,	6.400 "
	24 " " (subm'g'd)	.505	" Steel,	24.685 "
	Total Steel,	24.685 "	Total,	31.085 "

<p style="text-align: center;">WATER DEPARTMENT, PORTLAND, OREGON Summary of Mains in use December 31, 1907</p> <p style="text-align: center;">Total Mains of all sizes 332.506</p> <p style="text-align: center;">Bull Run Conduit 31.085 Distribution Mains 4 inch and over 235.518 " " " " (subm'g'd) 65.903 } 301.421</p>	<p style="text-align: center;">NOTE—The following estimate of overflow pipe to be deducted from foregoing list in order to give approximate mains in actual service:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">20 inch Steel, East Side</td> <td style="width: 50%; text-align: right;">Steel</td> </tr> <tr> <td>20 " " " West "</td> <td style="text-align: right;">0.542</td> </tr> <tr> <td>30 " " " East "</td> <td style="text-align: right;">0.439</td> </tr> <tr> <td>30 " " " " " " " "</td> <td style="text-align: right;">1.826</td> </tr> <tr> <td>30 " " " C. I. " " " "</td> <td style="text-align: right;">0.227</td> </tr> <tr> <td>8 " " " " " " " "</td> <td style="text-align: right;">0.042</td> </tr> <tr> <td>6 " " " " " " " "</td> <td style="text-align: right;">0.004</td> </tr> <tr> <td>6 " " " " " " " "</td> <td style="text-align: right;">0.011</td> </tr> <tr> <td>6 " " " " " " " "</td> <td style="text-align: right;">0.011</td> </tr> <tr> <td>Total miles.</td> <td style="text-align: right;">2.807</td> </tr> <tr> <td></td> <td style="text-align: right;">- 0.284 = 3.091 miles</td> </tr> </table>	20 inch Steel, East Side	Steel	20 " " " West "	0.542	30 " " " East "	0.439	30 " " " " " " " "	1.826	30 " " " C. I. " " " "	0.227	8 " " " " " " " "	0.042	6 " " " " " " " "	0.004	6 " " " " " " " "	0.011	6 " " " " " " " "	0.011	Total miles.	2.807		- 0.284 = 3.091 miles
20 inch Steel, East Side	Steel																						
20 " " " West "	0.542																						
30 " " " East "	0.439																						
30 " " " " " " " "	1.826																						
30 " " " C. I. " " " "	0.227																						
8 " " " " " " " "	0.042																						
6 " " " " " " " "	0.004																						
6 " " " " " " " "	0.011																						
6 " " " " " " " "	0.011																						
Total miles.	2.807																						
	- 0.284 = 3.091 miles																						

STATEMENT

Of all the Earnings, Receipts and Disbursements by the Water Committee of the City of Portland, Oregon, and its successor, in 1903, the Water Board from
November 25, 1885, when the Committee was appointed by Act of the Legislature, until December 31, 1907:

EARNINGS AND RECEIPTS	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	Totals	Totals	Grand Totals	
Gross earnings of Water Works		\$ 97,502.71	\$ 113,692.06	\$ 148,106.31	\$ 181,310.40	\$ 238,217.95	\$ 261,330.30	\$ 249,228.82	\$ 234,066.45	\$ 268,492.65	\$ 249,919.90	\$ 268,926.10	\$ 289,363.45	\$ 301,481.75	\$ 323,842.15	\$ 320,230.15	\$ 385,812.05	\$ 433,781.70	\$ 497,406.35	\$ 568,992.50	\$ 621,894.45	\$ 639,083.80	\$ 6,692,634.00	\$	\$	
Deduct due from city for water for Fire Department, etc.						24,000.00	24,029.45	21,728.00	23,889.00	32,535.20	33,848.05	37,065.15	38,600.75	37,212.10	37,844.30	38,996.70	39,217.40	40,335.45	47,759.65	55,171.80	61,803.65	79,552.70	673,589.35			
Cash receipts of Water Works		97,502.71	113,692.06	148,106.31	181,310.40	214,217.95	237,300.85	227,500.82	210,177.45	235,957.45	216,071.85	231,880.95	250,762.70	264,269.65	285,997.85	281,233.45	346,594.65	398,446.25	449,648.70	513,820.70	560,090.80	559,531.10		6,019,094.65		
Deduct operating expenses and repairs		47,000.77	54,792.44	51,407.17	71,496.85	63,993.28	58,832.27	63,857.32	62,004.28	88,939.27	86,804.08	96,585.02	99,964.00	99,152.59	85,890.96	46,240.06	51,158.56	56,894.55	56,894.55	59,705.67	78,516.81	97,074.16		1,123,373.66		
		50,501.94	58,899.62	96,699.14	109,813.55	150,224.67	178,168.58	164,143.50	148,083.17	197,018.18	179,177.77	195,275.93	217,379.15	224,305.65	246,845.26	245,342.49	300,354.59	342,287.69	392,754.15	454,115.03	481,573.99	462,456.94		4,895,720.99		
Deduct increase of property in hands of operating department		3,277.31	3,170.03	322.98	8,515.49	2,928.36	1,400.13	3,594.91	6,924.66	325.70	12,177.77	13,840.71	624.62	4,968.11	204.88	1,137.22	1,572.12	3,142.40	11,766.00	238.35	13,662.08	30,213.30		71,762.98		
Net income from Water Works		47,224.63	55,729.59	96,376.16	101,298.06	147,296.31	177,068.45	167,738.41	155,007.83	196,692.48	167,000.00	209,116.64	218,003.77	219,337.54	246,640.58	246,479.71	298,782.47	389,145.29	380,988.06	453,876.68	467,911.91	432,243.64		4,823,958.01		
Deduct interest on bonds		25,000.00	25,000.00	30,000.00	33,750.00	35,000.00	35,000.00	40,449.50	87,938.37	139,986.30	145,000.00	145,000.00	145,000.00	160,000.00	160,000.00	160,000.00	160,000.00	160,000.00	160,000.00					160,000.00	2,327,124.17	
Deduct for Sinking Fund																				293,876.68	307,911.91	272,243.64		2,496,833.84		
Net earnings used for extending mains and construction		22,224.63	30,729.59	66,376.16	67,548.06	112,296.31	142,068.45	127,288.91	67,069.46	56,706.18	22,000.00	64,116.64	73,003.77	59,337.54	86,640.38	86,479.71	138,782.47	179,145.29	220,988.06	262,376.68	276,411.91	240,743.64		2,900,000.00	3,122,200.70	
Water bonds sold	500,000.00			100,000.00	100,000.00			450,000.00	1,450,000.00	300,000.00														2,900,000.00	3,122,200.70	
Premium on bonds	39,300.00			5,908.20	9,750.00				135,742.50	39,000.00														222,200.70		
Totals	539,300.00	22,224.63	30,729.59	172,284.36	177,298.06	112,296.31	142,068.45	569,788.91	1,652,811.96	395,706.18	22,000.00	64,116.64	73,003.77	59,337.54	86,640.38	86,479.71	138,782.47	179,145.29	220,988.06	262,376.68	276,411.91	240,743.64			5,524,534.54	
DISBURSEMENTS																										
Water Works purchased	464,551.81											45,000.00														
Additional pumps and mains from Palatine			12,279.06	42,026.85	192,322.78	26,558.44															5,859.00					
Deduct property sold	464,551.81		12,279.06	42,026.85	192,322.78	26,558.44						45,000.00		9,700.00												
			1,500.00	100.00	16.00	834.48	300.00	125.00			1,685.00															
Net cost of pumping systems	464,551.81		10,779.06	41,926.85	192,306.78	25,723.96						45,000.00		9,700.00												
Distribution system, extending mains	560.00	33,939.71	14,273.49	114,068.46	7,856.54	54,377.08	105,464.97	15,843.88	151,053.66	61,659.90	5,035.58	7,484.06	2,245.55	3,393.47	8,513.91	5,004.56	68,876.42	113,988.61	177,605.37	109,108.65	295,876.56	250,931.21			1,046,319.06	
BULL RUN GRAVITY SYSTEM																										
Surveys and explorations	7,850.73			426.00		630.70	272.57	508.40																		
Lands, rip'an rights and rights of way	936.85		23,336.01	837.00		12,820.73	1,213.35	1,744.80	5,278.75	613.00	1,385.90	3,423.46	311.25	2,448.75	882.72	509.34					6,500.00				9,688.40	
Clearing and roads	125.00		324.25			41.60	16,574.09	15,049.71	331.70																61,741.91	
Head works on Bull Run river	7,180.10	2,499.89	1,500.00					36,406.98	8,656.17	253.00	749.78														33,046.35	
Steel plates for conduit, head works to Mt. Tabor, 24 miles								169,883.29	208,675.69	16.00															377,312.30	
Manufacturing and laying ditto								218,528.79	296,447.87	2,245.36	52,723.70														569,945.72	
Bridges for conduit across Sandy and Bull Run rivers								10,551.36	44,334.86		10.00				2,250.00										57,146.22	
Manufacturing and laying cast iron conduit, Mt. Tabor to Park, 6 miles								837.35	261,051.42	27,179.43															288,588.70	
Submerged pipes across Willa'te river								6.05	63,884.47	14,907.96		201.29	41,586.45	11,654.95											132,651.51	
Reservoirs (4) including land				579.76		962.90	21,078.25	41,369.73	678,134.29	122,568.09	9,003.94	5,690.96	7,799.58	7,940.07	68,956.67	21,094.54	1,681.76	2,027.70	101,717.39	36,315.68	14,072.40	16,595.58			1,157,589.29	
Portland Heights supply, water power pumps, etc.									7,849.09	22,748.58	799.20			3,579.77											34,476.64	
Telephone line to head works, 30 mi.									6,860.00	401.51															7,261.51	
General expenses	4,223.36	16,832.43	2,136.29	1,760.45	1,095.92	5,076.07	833.65	10,187.64	10,797.06	6,282.90	2,236.88	2,179.53	3,079.06	4,772.23	3,168.81	3,156.52	3,297.13								81,116.53	
Totals	\$ 485,427.85	\$ 53,596.23	\$ 52,024.85	\$ 159,098.52	\$ 201,259.24	\$ 99,633.04	\$ 145,156.88	\$ 527,772.93	\$ 1,736,897.14	\$ 257,192.04	\$ 70,259.98	\$ 63,979.30	\$ 55,021.89	\$ 43,489.24	\$ 75,258.20	\$ 24,760.40	\$ 250,409.65	\$ 143,342.70	\$ 279,323.26	\$ 145,424.33	\$ 322,307.96	\$ 316,638.00			\$ 5,521,292.30	

Amounts invested are: \$1,046,319.06 for purchase of pumping systems and additions; \$1,607,162.14 for extending distribution system; \$2,867,811.00 for Bull Run Gravity System, and \$3,242.34 cash on hand as above.

* After deducting from account "Premium on Bonds" \$7,500.00 being 2½ per cent. discount on bonds sold in 1893.

† After deducting from account "Steel Plates" \$1,262.68 for steel plates sold in 1895.

a After deducting from account "Water Works" amounts received for property sold as above.

b Add for decrease of property in hands of operating department.

Balance in hands of Treasurer December 31, 1907, available for construction and purchases during 1908

3,242.34

Gravity System was substituted for pumping January 1, 1895. The water rates have been reduced several times and are now about one third those charged by the private corporation which formerly supplied water to the City.

FRANK T. DODGE,
Superintendent Water Department.

\$5,524,534.54