

Maltus, Thos. Powell, Vincent Brunt, all of No. 2 engine, were thrown from No. 2 truck and slightly injured.

Nov. 5th. Box 37, Cook fire, Loraine Heisler, John Brooks, James Curran, Lieut. Thos. Strachan, Wm. Broderick, of No. 4 engine, overcome by smoke. John Morrow, of No. 5 engine, cut about the face.

April 3rd. Box 84, Luke Flinn, of No. 5 engine, was thrown from No. 2 truck and sustained a number of broken ribs.

#### CITIZENS INJURED DURING FIRES.

August 24th, Dolly Hill, 11 Cornwallis St., playing with matches, badly burned, died August 25th, aged three years.

June 28th, Box 14, Mrs. Dunphy, badly burned about face and hands. Sent to Victoria General Hospital.

#### DEATHS.

Lieut. James Donnelly of No. 1 Engine Co., died August 24th, 1908.

#### GENERAL REMARKS.

The fires during the past year necessitated the laying of 23,500 ft. of 2½ inch hose, 5,850 ft. of chemical hose, 1,597 gals. of chemicals, the raising of 2,250 ft. of ladders.

Fines collected from all sources amounted to \$414.67.

Fourteen members of the call force resigned, one member of the permanent force resigned and one was dismissed.

The total value of real and personal property in use by the Department (including fire alarm system) amounts to \$188,758.20.

With regard to the members of the Department there is very little to be said. The permanent force as heretofore have given every attention to their duties. There has been a marked improvement in the personnel of the call force. The undesirable members thereof have been dismissed or resigned. There is room for further improvement in this direction, and I hope in the course of time to be able to achieve the desired result.

Attached hereto is given a list of fires during the year and their causes.

In conclusion I beg to return thanks to all the officials and those who in any way rendered assistance, and especially to the Chairman and Members of the Board, for their uniform kindness and also for courtesies extended.

I would also respectfully solicit a continuance of your co-operation in assisting me to maintain that discipline in the Department which is most essential to its well being.

#### RECOMMENDATIONS.

Recommendations made by me in previous reports and not yet carried out:—

Ladder trucks and ladders; fire horses doing water cart service the appointment of ten ladder men; water barrels to be used by fire engines while working at salt water; signs on wharves where hydrants are placed; day and night sigus on fire alarm boxes; replacing single waggons with double waggons; hose waggon to be placed in Spring Garden Road Station or some other place south of Spring Garden Road: runners for No. 1 Chemical; that some provision be made for fighting fires from the water front; that one of the Amoskeag fire engines be made into a three-horse hitch; that the single hose waggon at West Street be replaced by a double waggon to carry 1000 ft. of hose; that a permanent man be placed on the back of each of the fire engines, if not an engineer, he must be able to act as driver and stoker; that

3000 ft. of 2½" hose be purchased.

300 ft. of 1" chemical hose.

10 ft. of 4" suction hose.

20 ft. of 2½" suction hose.

#### FIRES AND THEIR CAUSES, LOSSES AND INSURANCE, From May 1st, 1908, until April 30th, 1909.

1908.

May 1st. Dwelling, No. 85 Upper Water Street, caused by gas explosion. Insurance \$1600. Loss none. No. 1 Chemical.

May 6th. Shops, D. Cronan Estate, 105 Upper Water Street, caused by chimney. Insurance \$1000. Loss \$10. Box 42.

May 7th. Dwelling, No. 84 Grafton Street, Mrs. Lessiely, caused by chimney. Insurance \$1500. Loss none. No. 1 Chemical.

May 9th. Hotel, D. Andrews, No. 84 Granville Street, caused by gas stove. Insurance \$8000. Loss \$45. No. 1 Chemical.

May 13th. Queen Hotel, James Fairbanks, Hollis Street, caused by electric wire. Still alarm. No loss.

May 15th. False. Box 53.

May 16th. False. Box 76.

May 16th. Dwelling, Windsor Road, Dominion Government. Cause unknown. Total loss \$500. No insurance. No. 2 Chemical.

May 16th. Woods back of C. H. Cahan's dwelling, Young Avenue, caused by boys. No. 3 Chemical, 3 gals. extinguisher.

May 25th. Woods, T Ritchie, caused by boys. No. 3 Chemical.

May 26th. City property, Marlboro Woods, caused by boys. No. 3 Chemical, 3 gals. extinguisher.

May 30th. Wharf stores, G. P. Mitchell, Lower Water Street, cause, supposed incendiarism. No loss. No. 1 Chemical.

May 30th. Dwelling, Bedford Row, Dominion government, caused by stove upset. No loss. Still alarm.

June 4th. Boiler shop, Ferguson & Cox, No. 36 Upper Water Street, caused by sparks setting fire to roof. Insurance \$1500. Loss \$100. Box 42.

June 8th. Dwelling No. 57 Maitland Street, Mrs. O'Brien, caused by oil stove. Insurance \$2000. Loss \$10. Still. No. 3 steamer.

June 22nd. Dwelling No. 21 Coburg Road, H. H. Grant. Cause oil stove. Insurance \$2000. Loss \$10. Still. No. 3 steamer.

June 23rd. Dwelling No. 208 Grafton Street. Mrs. Murray. Cause, wooden fire wall. Insurance \$1000. Loss, none. Box 43.

June 24th. Dwelling 27 James Street, Mrs. Murray. Cause, smoking in bed. Insurance, none. Loss \$10. No. 2 Chemical.

June 25th. Shop, Bentley & Layton, corner Argyle and Sackville Streets. Caused by sawdust. Still. M. Murphy. No. 1 Chemical.

June 26th. Blacksmith shop, Spring Garden Road. Dominion Government. Cause unknown. Box 214. Insurance, none. Loss \$100.

June 28th. Dwelling, 16 Victoria Lane, A. Wilson. Cause, lamp. Insurance \$1000. Loss \$20. Mrs. Dunphy, hands and face burned. Box 14.

July 1st. Pork Packers, No. 3 Campbell Road, A. J. Matthews. Caused by smoke, stove. No loss. Box 71.

July 2nd. Carleton House, F. C. Bowes, corner Argyle and Prince Streets. Caused by sparks setting fire to roof. Insurance \$3000. Loss \$40. Box 38.

July 4th. Match Factory, Jas. Lindsay, 16 Starr Street. Caused by drying work. Insurance, none. Loss \$100. Box 43.

July 9th. Workshop, Mr. Kitchen, North Street Station. Cause, unknown. Insurance \$800. Loss \$800. Box 54.

July 10th. Dwelling, Mrs. Chiddick, 35 Bilby Street. Cause, fireboard. Insurance \$800. Loss \$175. No. 2 Chemical.

July 13th. Dwelling. Mrs. Edw. Smith, 78 Spring Garden Road. Cause, burning off old paint. Insurance \$2500. Loss \$100. No. 3 Chemical.

July 16th. Barn, Mr. Taylor, 4 LeMarchant Street. Cause, new hay. Insurance \$300. Loss \$25. Box 27.

July 17th. Stables and barns, F. Dunn and S. Cunard. Cause unknown. Insurance \$1000. Loss \$200. Loss not insured \$600. Box 63.

July 10th. Dwelling, Mr. Kerr, 118 Pleasant Street. Cause unknown. Insurance \$1500. Loss \$5. No. 1 Chemical.

August 7th. Dwelling, Geo. Wilson, 8 Gottingen St. Cause, matches in bedroom. Insurance \$1000. Loss \$30. No. 2 Chemical.

August 8th. Victoria Hotel, 18 Morris Street, Mrs. Manley. Caused by sparks from chimney setting fire to roof. Insurance \$300. Loss \$15. No. 1 Chemical.

August 19th. Dwelling 193 Barrington Street, J. M. Godfrey. Cause, set on fire by servant girl. Insurance \$1000. Loss \$25. No. 1 Chemical.

August 21st. Dwelling No. 13 Morris Street, Mr. Taylor. Cause, smoking chimney, No loss. No. 1 Chemical.

August 24th. Moir's bakery, Duke Street. Caused by oven. No loss. No. 1 Chemical.

August 24th. Dwelling No. 10 Cornwallis Street. Caused by child playing with matches. Insurance \$1000. Loss \$1000. Child Fanny Hill, 3 years old, died from burns received. Box 53.

August 29th. Stores Cogswell Street, Dominion Government. Cause unknown. No loss. No. 1 Chemical.

August 30th. Dwelling No. 88 Dresden Row, Mr. Colford. Cause unknown. Insurance \$3500. Loss \$250. Box 214.

September 2nd. Dwelling No. 5 Clifton Street, Mrs. Grant. Caused by sparks from chimney. Insurance \$1000. Loss \$30. Box 63.

September 2nd. Dwelling 112 Maynard St., D. Fultz. Caused by sparks from chimney. Insurance \$1000. Loss \$50. Box 57.

September 2nd. Dwelling 222 Robie St., Mr. Keating. Caused by sparks from chimney. Insurance \$1000. Loss \$500. No. 1 Chemical.

September 2nd. Distillery, Pleasant Street, A. B. Crosby. Cause unknown, Insurance none. Loss \$250.

September 2nd. Distillery, Mrs. Thomas, 76 Pleasant Street. Insurance none. Loss 250,

September 2nd. Mrs. Covey, 78 Pleasant Street. Insurance \$6000. Lost \$500.

September 2nd, Dwelling, Mrs. Miller, 80 Pleasant Street. Insurance \$2500. Loss \$500.

Sept. 2nd. Dwelling 74 Pleasant Street, Mrs. Hutton. Insurance \$3000. Loss \$100. Box 14. Three alarms. Capt. Stone and Captain Bishop, No. 2 Engine, injured.

September 2nd. Shop, Barrington Street, milk. Cause, steam escaping. No loss. No. 1 chemical.

Sept. 17. Dwelling 144 North Street, Mrs. Sanders. Cause, chimney. Loss, none. No. 1 Chemical.

Sept. 21st. Dwelling 42 Spring Garden Road, Miss Doyle. Cause, chimney. Loss, none. No. 1 Chemical.

Sept. 24th. Dwelling 187 South Park Street, M. Simpson. Caused by supposed incendiarism. Insurance \$6000. Loss \$877. Box 21.

Sept. 25th. Fish stores, Upper Water Street, H. R. Silver & Co. Cause, electric wire. Insurance \$8000. Loss \$100. Box 42.

Oct. 2nd. Province Building. Hollis Street, Local Government. Cause, drying plaster. Loss, none. No. 1 Chemical.

Oct. 4th. Dwelling 36 Kent Street, R. H. Brown. Caused by chimney. Loss, none. No. 1 Chemical.

Oct. 4th. Dwelling 12 Gottingen Street, Mr. Lepine. Caused by chimney. Loss, none.

Oct. 6th. Plant Line Wharf, Lower Water Street. Cause, hot ashes. Loss, none. No. 1 Chemical.

Oct. 7th. Cooper shop, Alfred Graves, 121 Lower Water Street. Electric motor. Insurance \$4500. Loss \$750. Box 35. Two alarms.

Oct. 12th. Dwelling 58 Maitland Street, P. MacKay. Cause, chimney. Insurance, none. Loss \$10. No. 2 Chemical.

Oct. 13th. Dwelling 195 Maynard Street, John Cummings. Chimney. Insurance, none. Loss \$10. No. 2 Chemical.

Oct. 14th. Hotel Lower Water Street, Mr. Coleman. Cause, chimney. Insurance \$4000. Loss \$10. No. 1 Chemical.

Oct. 17th. False, box 53.

Oct. 17th. Keith Building, 41 Barrington Street, D. Keith. Cause, electric wires. Insurance \$10,000. Loss \$300. No. 1 Chemical.

Oct. 20th. Hotel Victoria, 18 Morris Street, Mrs. Manley. Caused by sparks from chimney setting fire to roof. Insurance, none. Loss \$150. Box 18.

Oct. 25th. R. I. Hart's Wharf, Lower Water Street, Burns & Kelleher. Cause, hot ashes. Insurance, none. Loss, none. Box 36.

Oct. 26th. Dwelling and shop No. 191, 193, 195, 197 Brunswick Street. Cause unknown. Insurance \$8000. Loss \$2,393. Loss not insured, \$200. Box 43. Two alarms.

Oct. 28th. Dwelling, Dominion Government, Dockyard. Cause, supposed incendiariism. Insurance, none. Loss, \$200. Box 52.

Nov. 2nd. Dwelling No. 6 Charles Street, Henry Armsworth. Cause, incendiariism. Insurance, none. Loss \$15. No. 2 Chemical.

Nov. 3rd. False alarm. Box 15.

Nov. 4th. Dwelling, Dominion Government, Upper Water Street. Cause, supposed incendiariism. Insurance, none. Loss \$100. Box 52.

Nov. 5th. Store and shop, G. C. Cook, Lower Water Street. Cause, electric wires. Insurance \$24,000. Loss \$600. Not insured. Box 37.

Nov. 27th. Hotel, Mr. Barnes, South Street. Cause, hot ashes falling from grate. Insurance \$4000. Loss \$50. No. 1 Chemical.

Nov. 29th. Dwelling 64 Quinpool Road, M. E. Keefe. Chimney. No loss. Still. Members from No. 5 Station.

Dec. 1st. Dwelling 10½ Grafton Street, Thos. Spelman. Cause, rug in closet. Still. Members Grafton Street Station. 3 gallons extinguisher.

Dec. 1st. Shop 319 Barrington Street, E. T. Tracey. Cause, chimney. Loss none. Box 45.

Dec. 3rd. Dwelling 224 Maynard Street, James Cunningham. Cause, child with matches. Insurance \$1800. Loss \$33. Still.

Dec. 10th. False. Box 24.

Dec. 16th. Cambridge Library, Dominion Government. Cause unknown. Insurance \$1000 on books. Loss \$75. Box 31.

Dec. 19th. Wharf and shop 108 Upper Water Street, D. Cronan Estate. Not occupied. Cause, incendiariism. Insurance \$4000. Loss, none. No. 1 Chemical. 3 gallons extinguisher.

Dec. 20th. Shop and dwelling 45, 47, 49 Argyle Street. Cause, fire road. Insurance \$5200. Loss \$4775. Not insured. Loss \$2119. Box 32. Two alarms.

Dec. 21st. Old building, not occupied, near Round House, property Dominion Government. Cause, incendiariism. No loss. No. 2 Chemical.

Dec. 23rd. Dwelling 115 Campbell Road, James Small. Cause, chimney. No. 2 Chemical.

27th. Dwellings 68, 70, 72 Albemarle Street. Lamp explosion. Insurance \$600. Loss \$600. Loss not insured \$400. Box 3.

Dec. 30th. Dwelling Pearman Lane. off Almon Street, T. M. Pearman. Cause, stove. Insurance \$800. Loss \$400, Box 73.

1909.

Jan. 7th. Dwelling 170 Maynard Street, Mrs. Johnson. Cause, stove. Insurance, none. Loss \$50. No. 2 Chemical.

Jan. 13th. Zion Church, Gottingen Street. Cause, chimney. Insurance \$1000. Loss \$30. Box 5.

Jan. 14th. Shop 105 Barrington Street, Mr. Clayton. Cause, thawing waste pipe. Insurance \$2000. Loss \$50. No. 1 Chemical.

Jan. 15th. Methodist Church, Robie Street. Cause, smoke filling church. Loss, none. No. 3 Chemical.

Jan. 16th. Royal Bank, corner Spring Garden Road and Queen Street, S. Major. Caused by overheated furnace. Loss, none. Still.

Jan. 16th. Dwelling 73 Edward Street, Walter Lownds. Lamp explosion. Insurance \$2000. Loss \$200. No. 3 Chemical.

Jan. 23rd. Dwelling Mrs. Browman, 10 Blowers Street. Cause, stove pipe. Insurance \$1000. Loss \$20. No. 1 Chemical.

Jan. 29th. Dwelling 90 Birmingham Street, Thos. Wallace. Cause, chimney. Loss, none. No. 1 Chemical.

Feb. 1st. Dwelling, Mrs. Cashen, 79½ Gerrish Street. Cause, lamp explosion. Loss, none. No. 2 Chemical.

Feb. 6th. Dwelling, Eastern Trust Co., 18 Agricola Street. Cause, wooden fire board. Loss, none. No. 2 Chemical.

Feb. 9th. Dwelling, W. H. Brown, 18 Black Street. Cause, lamp upset. Loss, none. No. 2 Chemical.

Feb. 10th. Dwelling 106 Inglis Street, Mrs. A. Costley. Cause, boy with matches. Insurance \$4000. Loss \$25. No. 3 Chemical.

Feb. 11th. Dwelling Chebucto Road, Mrs. McCollough. Cause, lamp explosion. Loss, none. No. 2 Chemical.

Feb. 15th. Mail shed North Street Station, Dominion Government. Cause overheated pipes. Loss, none. Chemical No. 2.



Feb. 16th. Dwelling 87 Morris Street, Lorne House. Cause, chimney. Loss, none. No. 1 Chemical.

Feb. 20th. Star Theatre, Buckingham Street, Bauld Brothers. Cause, oil stove. Insurance, \$2000. Loss, \$10. No. 1 Chemical.

Feb. 22nd. Dwelling, 20 Rottenburg Street, Mrs. Anderson. Cause, lamp setting fire to clothing. Insurance, none. Loss \$10. No. 1 Chemical.

Feb. 23rd. Dwelling and shop, 193 Brunswick Street. Cause, defective chimney. Insurance \$2000. Loss \$150. Box 43.

Feb. 24th. Brewery, Lower Water Street, A. Keith & Son. Cause, spark from cleaning machine. Loss, none. No. 1. Chemical.

Feb. 27th. Dwelling, 36 Argyle Street, James Thompson. Cause, plumber's stove. Loss, none. No. 1 Chemical.

March 1st. Queenborough Hotel, 57 Hollis Street. Cause, smoke coming down chimney. Loss, none. No. 1 Chemical.

March 7th. Dwelling, 32 Albemarle Street, George Thompson. Cause, stove pipe. Loss, none. Still number from Central Engine House.

March 13th. Dwelling, 39 Blowers Street, John Ring. Cause, setting fire to cellar. Loss, none. No. 1 Chemical.

March 14th. Dwelling, 38 Union Street, Wm. Hope. Cause, defective chimney. Insurance \$800. Loss \$50. Box 73.

March 16th. Dwelling, 3½ Union Street, Mr Artz. Cause, sparks from chimney setting fire to roof. Insurance \$1000. Loss, \$125. Box 76.

March 17th. Junk store, McFatrige's Wharf. Cause, sparks from stove setting fire to old canvass. Insurance \$4000. Loss \$250. Box 42.

March 20th. Dwelling, 117 Maynard Street, Mr. Willis. Cause, stove pipe. Insurance \$4700. Loss \$100. Box 57.

March 23rd. Dwelling, Robie Street, John Punch. Cause, chimney. Loss, none. No. 2 Chemical.

March 23rd. Dwelling, 281 South Street, Mrs. Carroll. Caused by smoke from cellar of house across the street coming through sewer pipe. Loss, none. Still.

March 23rd. Dwelling, 17 Brunswick Street, Edward O'Donnell. Cause, stove pipe. Loss, none. Still.

April 3rd. Oil tank, Campbell Road, Dominion Government. Cause, unknown. Loss, unknown. Box 84.

April 4th. Dwelling, 92 Cornwallis Street, Mrs. Hibet. Caused by soot in grate. Loss, none. No. 2 Chemical. Two gallons extinguisher.

April 9th. Dwelling, 102 South Street, Mrs. Draper. Caused by boys setting fire to grass. No. 3 Chemical.

April 9th. Old Exhibition Grounds, Tower Road. Cause, boys setting fire to grass. Still. Men from No. 3 Station.

April 11th. Bedford Row Engine House. Caused by sparks setting fire to roof. Insurance \$1000. Loss \$20. Still.

April 17th. Dwelling, 17th South Street, Dr. Murray. Caused by smoke coming down chimney. Loss, none. No. 1 Chemical.

April 21st. Dwelling, lane off Lockman Street, Miss Haites. Cause, chimney. Loss, none. No. 2 Chemical.

April 22nd. Dwelling, 208 Gottingen Street. A. L. Miller. Cause, soot in grate. Insurance \$1000. Loss \$25. No. 2 Chemical.

April 25th. Dwelling, 336 Upper Water Street, John Ead. Caused by sparks from chimney setting fire to roof. Insurance \$1000. Loss \$15. No. 2 Chemical.

April 25th. False. Box 54.

### FIRES AND THEIR CAUSES.

Gas Explosion.....	5
Chimney .....	25
Gas stove .....	1
Electric wire.....	4
Unknown .....	12
Children setting fire .....	7
Supposed incendiarism.....	10
Stove upset.....	1

Sparks from chimney setting fire to roof.....	9
Oil stove.....	3
Wooden fire board .....	4
Smoking in bed .....	1
Sawdust .....	1
Lamp explosion .....	7
Overheated stove .....	4
Match Factory .....	1
Burning off old paint.....	1
New hay.....	1
Matches .....	3
Oven.....	1
Steam escaping.....	1
Drying plaster .....	1
Hot ashes .....	4
Electric motor.....	1
Rags in closet.....	1
Thawing water pipe.....	1
Overheated furnace.....	1
Stovepipe .....	5
Spark from cleaning machine.....	1
Plumber's stove .....	1
Soot in grate.....	1
False.....	4
Total.....	120

Respectfully submitted,

P. J. BRODERICK,  
*Chief Halifax Fire Department.*

## REPORT OF CHIEF ENGINEER H. F. D.

HALIFAX, N. S., August 31st, 1909.

*To the Chairman and Members of the Fire Commission :*

GENTLEMEN,—Herewith I beg to submit my annual report for the year ending April 30th, 1809 :—

### STEAM FIRE ENGINES.

Eight in number, owned by the Department, five in commission, two in reserve and one condemned.

### CONDITION.

All the Engines have been tested by me and found in the following condition :—

Fire engine "Halifax" (Amoskeag), 21 years service, capacity 600 gals., wine, weight 7800 lbs., stationed at West Street engine house, in first-class condition.

"King Edward" (Waterous), 3 years in service, capacity 800 gals., imperial, weight 9900 lbs., stationed at Central engine house, in first-class condition.

"Alexandra" (Shand & Mason), 2 years in service, capacity 800 gals., imperial, weight 11,440 lbs., stationed at Bedford Row engine house, in first-class condition.

"Columbia" (Amoskeag), 17 years in service, capacity 600 gals., wine, weight 7900 lbs., stationed at Morris Street engine house, in first-class condition.

"Battenberg" (Shand & Mason), 13 years in service, capacity 300 gals., imperial, weight 3500 lbs., in reserve and stationed at Morris Street engine house, in good condition.

"Chebucto" (Cole Bros.) The condition of this engine after 35 years service, is still fairly good. It must be borne in mind, however, that considerable necessary repairs have to be made to so keep her in condition. Stationed at Quinpool Road engine house.

"Albert" and "Victoria" (Amoskeag). Both these engines are very old, being in service, one 47 years and the other 49 years, and now one held in reserve and the other condemned. I would recommend that both these engines be sold or otherwise disposed of.

#### CHEMICAL ENGINES.

No. 1, "Acadia" (Holloway), 16 years in service, capacity 120 gals., weight 5300 lbs., stationed at Grafton Street house, in good condition.

No. 2, "Micmac" (Babcock), 13 years in service, capacity 120 gals., weight 4700 lbs., stationed at West Street house, in good condition.

No. 3, Combination Chemical and Ladder Truck (Seagrave), 3 years in service, capacity 70 gals., weight 3500 lbs., stationed at Morris Street engine house, in good condition.

#### HOSE.

(See Chief's report on Hose).

In conclusion, I beg to return thanks to the gentlemen of the Commission and all other officials who have in any way rendered me assistance in my department.

Respectfully submitted,

EDWARD CONDON,

*Chief Mechanical Engineer Halifax Fire Department.*

## REPORT OF CITY ELECTRICIAN.

CITY ELECTRICIAN'S OFFICE,

HALIFAX, N. S., Nov. 22nd, 1909.

*To the Chairman and Members of the Board of Fire Wards :*

GENTLEMEN,—I beg to submit herewith my 13th annual report, touching the Fire Alarm Telegraph system.

The service during the year has been entirely free from interruption, due to the absence of severe sleet storms

One new electro-mechanical gong has been added to the system, viz, in Mr. Handley's dwelling, on Church Street. This gong is owned by Mr. Handley, who has also paid the cost of installation—\$17.68, and the cost of maintenance for the first year of \$6.00.

A new 12-inch electro-mechanical gong has been installed in the U. P. Co. hall, on Jacob Street, displacing the old type 15-inch gong.

In a previous report, the adoption of the keyless door on old boxes was recommended. This simply means exchanging the outside door for the new handle and gong type. Experience has shown that the glass front key protectors are not a success, while the keyless boxes have seldom been interfered with. The cost of this change would be in the vicinity of \$17.00 per box, but the total cost could be spread over a term of years by changing a few each year.

The new signal box for Inglis Street, recommended by a previous Board, and to be installed when funds were available, has not yet been purchased. I believe it would be advisable to add at least one box to the system each year; there are a number of locations where boxes could be placed to advantage, and if a little

were done each year, the need would ultimately be supplied without a great expenditure for any one year.

The system now includes the following equipment :—

- 1 6-circuit controlling board.
- 1 6-circuit automatic repeater.
- 336 cells B. T. storage battery.
- 38 miles of No. 10 H. D. line wire.
- 53 signal boxes.
- 5 tower strikers.
- 2 18-inch combination gongs and indicators.
- 2 18-inch gongs.
- 4 15-inch gongs.
- 2 12-inch gongs.
- 1 9-inch gong.
- 8 8-inch gongs.
- 3 6-inch gongs.
- 58 tappers.

The estimated value of which is \$15,000.

Respectfully submitted,

P. R. COLPITT,

*City Electrician.*

## REPORT CITIZENS' FREE LIBRARY.

CITIZENS' FREE LIBRARY,

HALIFAX, N. S., Nov. 12th, 1909.

*Alderman Hebb and Members of the Library Commission :*

GENTLEMEN,—I respectfully submit the annual report of the Citizens' Free Library for the civic year 1908-9.

Nine hundred and ninety-seven (997) new bound books were added to the Library; eighty-nine (89) new bound magazines, and fifty (50) books donated. Total, ten hundred and eighty-six (1086.)

The number of cards of admission to the privileges of the Library issued was four hundred and eleven (411). Total number up to date, five thousand nine hundred and thirty-two (5932),

The number of books issued for home use was sixty-five thousand eight hundred and eighty-seven (65,887).

Fiction.....	45,823
History and Biography .....	1,561
Travel .....	753
Literature .....	1,160
Useful and Fine Arts.....	638
Sociology, Philology and Natural Science ....	635
Philosophy and Religion.....	637
General Works .....	2,748
Magazines .....	11,933
Total.....	65,887

The number of books used in the reading room for reference and other purposes was eleven thousand five hundred and fifty-four (11,554).



Total number for home use and reading room, seventy-seven thousand four hundred and forty-one (77,441).

Largest issue in one day, Saturday, March 6th .....	714
Smallest " " Friday, December 24th .....	118
163 Readers' Cards sold at 5 cents each .....	\$ 8 15
53 Catalogues " 25 " .....	13 25
	<hr/>
	\$21 40
Amount taken for fines and books damaged .....	\$84 53
" " non-ratepayers at \$2.00 each .....	6 00
	<hr/>
	\$90 53
Total for fines, cards and catalogues .....	\$111 93
Paid out for Stamps .....	\$3 25
" Post Cards .....	1 80
" Tape for Magazines .....	15
" Scrim for Dusters .....	10
" Paste Brush .....	5
	<hr/>
	5 35
Amount paid W. L. Brown .....	106 58
" " for work done in the bindery	
for several departments in the City Hall .....	8 80
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Total .....	\$115 38

122 overdue books sent for.  
 25 letters.  
 31 postals.  
 12 acknowledgments.

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190

WORK DONE BY THE BINDERY BY MR. D. SHIERS.

608 books bound.  
 67 " re-bound.  
 291 " repaired.

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Total 966

606 tickets, labels and pockets put in books.  
600 class numbers put in books.

89 magazines bound.  
62 " repaired.

Total 152

151 class numbers on magazines.  
647 magazines backed (monthly Nos.)  
11 magazine covers made.  
4 " " repaired.  
1469 numbers stamped on pockets.

WORK DONE IN THE BINDERY FOR THE CITY CLERK.

1 Liquor License Act bound.....	\$0 50
3 vols. Minutes City Council bound, at 65c .....	1 95
2 Statutes of Nova Scotia repaired, at 50c .....	1 00
	<hr/>
	\$3 45

WORK DONE IN THE BINDERY FOR THE CITY COLLECTOR.

4 Vols. Lists of Land bound, at 35c.....	\$1 40
1 Book Rates Ledger, 1905, repaired .....	50
1 Vol. Lists of Land bound .....	65
1 Cover made.....	35
2 Liquor License Lists bound, at 35c.....	70
1 Book Water Rates Receipts repaired .....	75
2 General Books repaired, at 50c.....	1 00
	<hr/>
	\$5 35
Total.....	\$8 80

Respectfully submitted.

J. WARREN, *Librarian.*

# N. S. PROVINCIAL EXHIBITION.

SEPTEMBER 2nd to 10th, A. D. 1908.

Dr.

Horse Department .....	\$	100 40
Agricultural .....		50 00
Art .....		100 00
Poultry .....		190 27
Transportation .....		66 65
Sheep and Swine .....		31 50
Educational .....		62 50
Horticultural .....		101 30
Tickets .....		702 05
Lighting .....		765 55
Manufacturers .....		294 44
Machinery .....		94 50
Cattle .....		93 00
Speed .....		824 46
Insurance .....		2065 00
Caretaker .....		457 50
Interest .....		975 42
Postage .....		375 21
Fire Department .....		19 20
Bands .....		1095 00
Commissioners .....		175 45
Secretary's Office .....		2090 71
Domestic .....		59 41
Printing and advertising .....		2881 35
Reception and Meals .....		284 55
Lodging Bureau .....		43 00
Police .....		636 15
Judges .....		290 50
Special Attractions .....		5168 60
Expenses .....		835 44
Maintenance .....		893 95
Watchmen .....		559 00
Fisheries .....		439 11
Prizes, Ordinary .....		10005 05
Special .....	\$	5920 00
Less Contributions .....		550 00
		<u>5370 00</u>
Dining Hall .....		47 14
		<u>\$38243 36</u>

	Cr.	
Admissions.....		\$20025 75
Rentals.....		220 00
Privileges.....		1631 18
Entry Fees.....		816 92
Entry Fees Speed.....		3530 00
Balance.....		12019 51
		\$38243 36

Balance brought down \$12,019.51.

City of Halifax half.....	\$6009 76
Province of Nova Scotia half.....	6009 76

M. MCF. HALL, *Manager and Secretary.*

W. W. FOSTER, *Auditor.*

# LICENSE INSPECTOR'S REPORT.

HALIFAX, N. S., 1st May, 1909.

*To His Worship the Mayor and City Council :*

GENTLEMEN,—I respectfully submit the annual report of the Liquor License Department for the year 1908-9 ending March 15th, 1909.

112 applications were received.

90 Hotel and Shop Licenses were granted.

5 Wholesale " " "

3 " Brewers " "

DR.

112 applications, at \$10.00 each.....	\$ 1120 00
64 Shop Licenses.	
24 Hotel " " "	
5 Wholesale.	
3 " Brewers.	27990 00
13 Agents.....	1400 00
Fines and Costs.....	2826 50
Received from Treasurer for salary.....	1200 00
Refunds, accounts and expenses.....	278 98
	\$34815 48

Ct.

April 16.	Chronicle .....	\$ 37 15	
June 14.	Recorder .....	37 85	
	Herald .....	5 85	
	T. C. Allen & Co .....	15 13	
	Dating stamp .....	4 00	
	A. & W. Mackinlay.....	3 50	
	McAlpine Pub. Co .....	3 50	
Dec. 21.	W. J. O'Hearn, professional services re Mackasey stated case.....	78 50	
Feb 26.	A Cluney for professional services ..	10 00	
	Witness fees and expenses.....	55 50	
	11 refunds per resolution of Council at \$8.00 each .....	88 00	
	Sa'ary .....	1200 00	
			1538 98
Deposited with Treasurer .....			33276 50
			<hr/> \$34815 48

Respectfully submitted.

W. E. MESSERVEY,

*Chief License Inspector.*

## REPORT OF THE CITY HEALTH BOARD.

HALIFAX, N. S., May 10th, 1909.

*To the Chairman and other Members  
of the City Health Board :*

GENTLEMEN,—I respectfully submit for your information the following summary of work performed in this Department for Civic year ending 30th April, 1909.

The Board during the past year held 37 meetings at which a large number of sanitary improvements were ordered and subsequently carried out.

During the year 279 notices were served for defective plumbing and drainage in houses, all of which have been attended to as recommended by the Inspector of Plumbing.

598 notices were served during the year for the removal of outside privy vaults and 506 were thus removed and proper water closets constructed in the houses, the remainder being given an extension of time to comply with the order.

The correspondence of the year consisted of 384 letters received and 1726 sent out. Of the latter number 1372 were notices served ordering sanitary improvements and removal of nuisance.

Complaints respecting the unsanitary condition of 352 houses were received at this office all of which were carefully investigated and dealt with as the circumstances in each case required.

Two dwellings, 46 Smith and 216 Upper Water Street, were declared to be unfit for that purpose and were vacated and the buildings torn down by order of the Board as the public health was endangered thereby.

The total number of contagious diseases reported for the past year was 574 cases of Diphtheria, 280 Small-pox, 98 Scarlet Fever, 37 Consumption and 6 Typhoid Fever and 64 deaths due to Diphtheria.

141 cases were admitted to the Hospital for Infectious Diseases viz:—122 for Diphtheria, 14 Scarlet Fever, 2 erysipelas and 3 measles with 4 deaths from diphtheria and one due to Scarlet Fever.

1007 permits were issued for the removal of night soil and 2342 loads were thus removed.

During the year there has been condemned and destroyed as unfit for human food 30 quarters and 1597 lbs of beef, 9 barrels corned beef, 21 carcasses of veal, 12 mutton, 9 lamb, 2 pork, 39½ pr. chickens, 25 pr. fowls, 9 crates lobsters, 920 lbs fish, 390 lbs bacon, 180 lbs. moose meat and 30 lbs liver.

Respectfully submitted,

JOHN A. WATERS, *Secretary.*

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# ANNUAL REPORT OF CLERK OF WORKS.

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CITY WORKS OFFICE,

HALIFAX, N. S., May 1st, 1909.

*To His Worship the Mayor, and  
Members Committee on Works :*

GENTLEMEN,—I herewith beg to submit for your information the annual report of this Department for the civic year 1908-9.

I have the honor to be, gentlemen,

Your obedient servant,

JAMES J. HOPEWELL,  
*Clerk of Works.*

## ANNUAL REPORT, 1908-9.

## Balance Sheet.

	Appropriations and Receipts.	Expenditures.	Dr. Balances.	Cr. Balances.
Water Maintenance .....	\$105417 82	\$ 81945 34		\$ 23472 49
Construction .....	23100 18	22754 89		345 29
Sewerage Loan .....	35442 54	33967 31		1475 23
Streets .....	29886 58	29886 58		
Internal Health .....	20038 24	20038 24		
Street Lighting .....	22843 50	22843 50		
Street Fund .....	5000 00	5000 00		
Teams and Stables .....	7519 68	7518 68		1 00
City Property .....	2824 43	2604 03		220 40
Fire Insurance .....	850 00	782 74		67 26
City Hall Fuel .....	1100 00	1099 98		02
Quinpool Road Widening .....	3168 25	2288 40		879 85
City Hall Lighting .....	856 00	822 89		33 11
Parade Wall .....	2296 85			2296 85
Public Gardens Fence .....	250 00	250 00		
Baths .....	667 75	667 75		
Telephones .....	316 61	316 61		
Sewer Maintenance .....	1166 67	1126 00		40 67
Plumbers' Licenses .....	17 00			17 00
Electrical Wiring Licenses .....	15 00			15 00
Cleaning Paved Streets .....	5500 00	5500 00		
New Workshops .....	25530 19	22129 24		3400 95
Contingent Account .....		233 15		
Electrical Wiring Equipment .....	175 00	172 09		2 91
Inspection .....	550 00	272 48		277 52
West & Maynard Streets land purchase .....	1139 24	1139 24		
Permanent Pavements .....	\$4908 75	165316 09	\$ 80407 34	
Sidewalks, 1908-9 .....	10962 18	17357 05	6394 87	



## Collections Made Through this Office.

1908.		November	\$ 591 07
May	\$ 344 32	December	375 83
June	285 65	1909.	
July	343 83	January	256 12
August	484 15	February	412 83
September	365 51	March	159 05
October	228 48	April	1015 90
			<u>\$ 4862 77</u>
Total labor paid per Pay Sheet			\$111420 82

## Cleaning Paved Streets.

1908.			
May 1.	By Appropriation		\$ 5500 00
		EXPENDITURE.	
	Labor	\$ 5151 14	
	Brooms	77 00	
	Teams and Stables, transfer for work done	46 33	
	Thos. Forhan & Co., 59 canvass waste bags	109 15	
	W. N. Brown, 4 paper carts	80 00	
	R. R. Kennedy, oil clothes, 3 hats	25 54	
	W. Y. Kennedy, 5 suits, 1 pair overalls	5 60	
	Colwell Bros., hats	3 20	
	F. Memory, repairs bags	2 04	
			<u>5500 00</u>

## Streets.

1908.			
May 1.	By Appropriation		\$ 25000 00
	Street Fund, transfer to balance	28 25	
	City Works Office, collections for material, etc	615 30	
	Permanent Sidewalks, transfer	3153 11	
	"    Pavement,    "    "	348 18	
	Sewer Loan,    "    "	564 76	
	Water Maintenance,    "    "	2 90	
	Internal Health, interest on overdraft Street Fund	39 29	
	Interest on Street Fund	134 79	
			<u>\$29886 58</u>
		EXPENDITURE.	
	Labor	\$ 19973 03	
	Street Fund, refund on 1907-8 acct	2023 52	
	"    7th installment	590 00	
	Halifax Poor Association, labor breaking stone	1240 60	
	Ed. Hartnett, stone for breaking	1951 44	
	Peter Murray,    "    "	296 52	
	Caritte-Patterson Mfg. Co., R. tar	471 30	

Capt. Freda, sand and gravel.....	\$ 484 66
Canada-Atlantic & Plant S.S. Co., 18½ tons asphalt..	369 28
Wm. McFatrige, 6½ tons asphalt.....	189 60
S. Cunard & Co., coal.....	311 05
Brookfield Bros., lumber.....	188 45
Imperial Oil Co., oil.....	98 70
A. L. Mslvin, ref. tar.....	85 00
H. H. Fuller & Co., hardware.....	94 36
Ed. Foran, damages to property acct. sidewalk.....	75 00
Douglass & Co., iron castings.....	65 72
T. Hogan & Co., repairs boiler steam roller.....	62 02
W. Stairs, Son & Morrow, 25 bbls. cement.....	50 00
W. N. Brown, repairs Foreman Streets waggon.....	30 00
Sewerage, transfer for cement.....	231 13
W. D. Yeadon, granite.....	96 63
John Kline, ".....	703 47
Capt. Dauphiney, sand.....	29 04
W. S. Craig, plumbing work.....	15 05
5 Garden seats.....	5 40
N. S. Telephone Co., rent Storekeeper's telephone..	30 61
Robinson Bros., hire team.....	3 75
Halifax Seed Store, 12 lbs. grass seed.....	2 40
T. A. S. DeWolf & Son, 2 cords wood.....	13 00
R. N. Macdonald, 1 bag salt.....	75
Blackadar Bros., advertising official plan.....	33 25
Herald Pub. Co, ".....	46 50
W. & A. Moir, repairs crusher.....	62 25
Silliker Car Co, 1 casting.....	3 60
Dr. McFatrige, veterinary service Foreman Streets horse.....	2 00
Army Pay Department, rent Citadel walk 2 years..	50
	\$29886 58

### Teams and Stables.

1908.		
May 1.	By Appropriation.....	\$ 6000 00
	Sewerage loan, transfer for work done.....	245 00
	Internal Health, for work done.....	713 65
	Maintenance, 1 year's board 2 horses.....	312 00
	Cleaning Paved Streets, transfer for work done.....	46 33
	City Home, horseshoeing, etc.....	49 62
	Teams and Stables, 1909-10 acct., transfer for hay on hand.	132 25
	Collections at Office.....	20 83
		\$ 7519 68

#### EXPENDITURE

Wages, City Drivers.....	\$ 3717 46
F. W. Fraser, hay, oats, c. feed, bran, straw.....	1202 77
J. S. Cashen, " " " ".....	117 25
F. A. Shaw, " " " ".....	161 12
R. Fenton, " " " ".....	38 50
H. H. Fuller & Co., hardware.....	56 73
Halifax Electric Tram. Co., electric lighting.....	18 25

S. Cunard & Co., coal .....	\$ 14 55	
Neil Fox, repairs harness .....	117 17	
W. C. Knight, repairs harness .....	129 00	
A. Carter, repairs harness .....	26 40	
Storing hay .....	6 84	
H. McFatridge, veterinary servicee .....	54 00	
W. I. Hubley, molasses, carrots .....	7 70	
Feed on hand, transfer from 1907-8 .....	1782 08	
G. E. Smith & Co., horseshoes, caulks, etc. ....	24 00	
J. F. Topp & Co., horseshoeing .....	17 00	
A. & W. Mackinlay, 1 record book .....	8 00	
Wentzell's, Ltd, brooms, soap .....	5 25	
Brookfield, Ltd, lumber .....	3 63	
R. B. Adams & Co., molasses .....	3 50	
Dominion Molasses Co., 1 molasses puncheon .....	2 00	
Removing dead horse .....	2 85	
Sundries .....	2 65	
		7518 68
Unpaid balance .....	\$ 1 00	

## Public Baths.

1908.		
May 1,	By Appropriation .....	\$ 200 00
	City Property, transfer .....	206 00
	Receipts .....	256 75
	C. W. Hayward, purchase old floating bath .....	5 00
		\$667 75

## EXPENDITURE.

Repairs .....	177 95
Salary caretaker .....	135 45
F. Colwell, bathing supplies .....	97 25
Halifax Steam Laundry, washing .....	91 47
Brookfield Bros., lumber .....	42 33
Thomas Renner, clearing grass .....	40 00
H. H. Fuller & Co., hardware .....	29 50
F. S. Coombs, 8 squares Paroid roofing .....	28 00
Removing night soil .....	16 96
F. C. Ryan, thermometer .....	75
A. L. Doyle & Co., brooms .....	45
Wentzells, Ltd, brooms .....	25
Repairs Green Bank bath .....	7 39
	667 75
Expenditure as above .....	660 36
Halifax Fire Insurance .....	30 00
	\$690 36
Receipts .....	256 75
Loss .....	\$433 61

## Internal Health.

1098.			
May 1.	By Appropriation .....	\$ 17000 00	
	Collections per Works Office .....	13 86	
	Street Fund .....	3024 48	
			\$ 20038 34

## EXPENDITURES.

Cleaning Streets .....	\$ 6407 12
Cleaning Catchpits .....	2593 47
Watering Streets .....	2411 63
Removing ashes to dumps, labor only .....	2243 38
Spreading ashes on dumps .....	1518 46
Repairs to watering carts .....	472 58
Refund to Street Fund account 1907-8 .....	2947 31
"    "    "    "    interest.....	39 29
Halifax Brush and Broom Co., brooms .....	209 00
Brookfield Bros., lumber.....	24 81
Est. J. M. Geldert, rent barn for W. cart .....	30 00
Halifax Transfer Co., rent barn for W. cart .....	35 00
Macdonald & Co., brass casting.....	12 30
H. H. Fuller & Co., hardware.....	96 17
Halifax Printing Co., ash notices .....	4 80
J. H. Mont & Co., repairs waggon.....	2 00
A. M. Bell & Co., 1 lawn mower.....	8 00
Geo. Heaman, 1 set sprinklers.....	89 60
W. N. Brown, repairs wheel w. cart .....	4 75
J. D. Spencer, rent of place for w. cart.....	30 00
Geo. Bateman, repairs lawn mower .....	2 25
J. H. Mont & Co., wheels for W. cart .....	142 77
Teams and stables, transfer for work done.....	713 65
	<u>20038 34</u>

## Street Fund.

1908.		
May 1.	By Balance brought forward 1907-8 .....	\$ 29 17
	Streets, transfer on acct. 1907-8 expenditure.....	2023 52
	Internal Health, transfer on acct. 1907-8 expenditure.....	2947 31
		<u>\$5000 00</u>

## EXPENDITURE.

To Streets, transfer for work and material from Jan. 1, 1909, to April 30, 1909 .....	\$ 28 25
Internal Health, transfer for work and material from Jan. 1, 1909, to April 30, 1909.....	3024 48
	<u>3052 73</u>
	<u>\$1947 27</u>

### Parade Wall.

1909.  
 May 1. By Balance brought forward 1907-8 ..... \$ 2296 85

### Sewer Maintenance.

1908.  
 May 1. By Balance unclaimed deposits 1907-8 ..... \$ 40 70  
 Appropriation ..... 500 00  
 Deposits for drain work ..... 625 47  
\$1166 17

#### EXPENDITURE.

To Labor ..... \$ 960 95  
 H. H. Fuller & Co., hardware ..... 12 00  
 Brookfield Bros., lumber ..... 67 00  
 Refund City Treasurer ..... 85 55  
 Balance carried forward (unclaimed) ..... 40 67  
\$1166 17

### Quinpool Road Widening.

1908.  
 May 1. By Balance brought forward 1907-8. .... \$ 3154 88  
 Refund, error in pay list ..... 13 37  
\$ 3168 25

#### EXPENDITURE.

Labor ..... \$ 2247 58  
 Sewerage, transfer for material used ..... 40 82  
2388 40  
 Credit balance carried forward 1909-10 ..... \$879 85

### Public Gardens Fence.

1908.  
 May 1. By Balance brought forward 1907-8.... \$ 209 17  
 City Property, transfer to close account ..... 41 83  
\$ 250 00

#### EXPENDITURE.

To Canada Foundry Co., balance of account ..... 250 00

### Street Lighting.

1908.			
May 1.	By Appropriation .....	\$ 22800 00	
	Contingent account .....	43 50	
			\$ 22843 50

#### EXPENDITURE.

To Halifax Electric Tram. Co., 1 year's electric lighting .....	<u>22843 50</u>
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### City Hall Lighting.

1908.			
May 1.	By Appropriation .....	\$ 856 00	

#### EXPENDITURE.

Halifax Electric Tram Co., 12 months at \$64.14....	\$ 769 68	
“ “ “ 12 months gas.....	53 31	
		<u>822 89</u>
Unexpended balance.....		<u>\$33 11</u>

### Telephones.

1908.			
May 1.	By Appropriation .....	\$ 270 00	
	Electric Wiring Inspection, transfer for rent.....	25 00	
	Streets, transfer for rent.....	21 61	
			\$ 316 61

#### EXPENDITURE.

City Clerk's Office, 12 months rent.....	\$ 47 00	
“ Collector's Office, 12 months rent .....	35 00	
“ Engineer's “ .....	35 00	
“ Solicitor's “ .....	12 00	
“ Works “ .....	35 00	
“ Works Shop, “ .....	35 00	
Mayor's Office, “ .....	35 00	
Stipendiary's Residence, “ .....	36 00	
City Electrician, “ .....	25 00	
New Workshops, 12 months, at \$40.....	21 61	
		<u>316 61</u>

### Electric Wiremen's Licenses.

Messrs. D. & H. Oland .....	\$ 10 00
“ J. A. Dunn & Co.....	1 00
“ Farquhar Bros.....	1 00
“ John Starr, Son & Co.....	1 00
“ Walsh & Co.....	1 00
Harold Tremaine.....	1 00

## Plumbers' Licenses.

M. F. Burns .....	\$ 1 00
W. S. Craig .....	1 00
Jas. G. Crump .....	1 00
Day & Kinsman .....	1 00
Farguhar Bros. ....	1 00
T. J. Healey .....	1 00
Hillis & Son, Ltd .....	1 00
C. R. Hoben & Co .....	1 00
R. T. Kinsman .....	1 00
Longard Boos .....	1 00
Macdonald & Co .....	1 00
John McFatrige, Jr .....	1 00
J. E. Myers .....	1 00
C. B. Naylor .....	1 00
J. G. O'Toole .....	1 00
G. A. Perrier .....	1 00
G. A. Wooten & Co .....	1 00
	<u>\$17 00</u>

## Electrical Wiring Inspection.

1908..

May 1. By Appropriation ..... \$ 550 00

## EXPENDITURE.

Labor .....	\$ 160 20
N. S. Telephone Co., rent of telephone .....	28 82
A. & W. Mackinlay, blank books .....	14 60
T. C. Allen & Co., stationery .....	38 50
Queen & Co, repairs electrical instrument .....	30 36
	<u>272 48</u>
Unexpended balance .....	<u>\$277 52</u>

## Electrical Wiring Equipment.

1908.

May 1. By Appropriation ..... \$ 175 00

## EXPENDITURE.

Material, etc .....	172 09
Unexpended balance .....	<u>\$2 91</u>

### West and Maynard Streets Land Purchase.

1908.	By Balance brought forward 1907-8 .....	\$ 1139 24
May 1.	EXPENDITURE.	
	To transfer to New Workshops. per account 1909 .....	<u>1139 24</u>

### Fuel City Hall.

1908.	By Appropriation .....	\$ 1100 00
	EXPENDITURE.	
	S. Cunard & Co., 138½ tons hard coal, 8¾ tons soft coal .....	\$ 1057 02
	Labor, putting in coal and removing ashes .....	<u>42 96</u>
		1092 98
	Unexpended balance .....	<u>\$ 0 02</u>

### Fire Insurance.

1908.	By Appropriation .....	\$ 850 00
	EXPENDITURE.	
	City Hall .....	\$ 30000 00
	City Hall furniture, fittings .....	10000 00
	City Prison .....	1000 00
	City Prison outbuildings .....	2700 00
	Infectious Disease Hospital .....	5000 00
	Smallpox Hospital .....	500 00
	2 steam rollers .....	1500 00
	Machinery Hall contents, horse, harness, feed .....	11600 00
	Fire Department apparatus .....	1000 00
	West Street Engine House .....	4000 00
	Central " .....	2000 00
	Gerrish Street " .....	1000 00
	Bedford Row " .....	5000 00
	Queen Street " .....	1000 00
	Isleville " .....	1000 00
	Quinpool Road " .....	2500 00
	Spring Garden Rd. " .....	1000 00
	Morris Street " .....	4000 00
	Grafton Street Ladder House .....	1000 00
	3 keepers' houses, Spruce Hill, Chain and Long Lakes .....	1500 00
	Baths and equipments .....	3000 00
	Stayners' wharf .....	<u>1000 00</u>
		\$91300 00

#### INSURED IN—

Halifax Fire Insurance Co., \$29100 at 82½ .....	240 08
Acadia " 29100 at " .....	240 08



Nova Scotia Fire Insurance Co., 29100 at 82½	\$ 240 08
Halifax " 3000 at 1%	30 00
Phoenix " 1000 at 3.25	32 50
	<u>782 74</u>
Unexpended balance	<u>\$67 26</u>

### Permanent Sidewalks.

1908.		
Nov. 4.	By Loan	\$ 10000 00
	Collections, per Works Office	227 64
	Sewerage, transfer for material used	734 54
		<u>\$ 10962 18</u>

#### EXPENDITURE.

Labor	\$ 10813 48
E. F. Stevens, 3430 bags cement	1522 22
J. A. Calder, 2252 bags cement and 317 bags	972 61
Sawer Loan, 484 bbls. cement, transfer for	1161 60
John Kline, granite	100g 02
Streets, transfer from granite used	557 81
Capt. Freda, sand, gravel	815 41
Capt. Dauphiney, sand, gravel	97 26
Brookfield Bros., lumber	160 80
Imperial Oil Co., oil for mixer	62 44
Longard Bros., repairs of mixer	47 90
Macdonald & Co., repairs of mixer	10 90
H. H. Fuller & Co., hardware	57 82
Wm. McFatrige, 250 lbs. old canvass	20 00
Day & Kinsman, plumber's work	17 00
Silliker Car Co., iron castings	16 36
Contractors Tool Co., 1 reamer fit duty	10 98
T. A. S. DeWolf & Son, 1 cord hardwood	5 50
Frrquhar Bros., dry batteries	2 25
Western Union Tel. Co., telegram Philadelphia	50
Refund on deposits for work done	1 20
	<u>17357 05</u>
	<u>\$6394 97</u>

	Receipts.	Expenditure.	City Pays.	Abutters Pay.
1906-7	\$25035 78	\$ 8693 00	\$ 5087 46	\$ 3605 54
1907-8	709 14	32638 47	18599 79	13329 54
1908-7	10962 18	19952 35	10000 00	7000 00
	<u>\$36707 10</u>	<u>\$61783 32</u>	<u>\$33687 25</u>	<u>\$23935 08</u>

## City Property.

1908.			
May 1.	By Appropriation .....	\$	2650 00
	Collections per Works Office .....		174 43

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\$2824 43

## EXPENDITURE.

General work .....	\$	689 46
Rewiring City Hall .....		194 19
Brookfield Bros., lumber .....		235 68
Public baths, transfer to balance .....		206 00
Laying crock drain new workshops, labor .....		177 70
E. P. Meagher, fire extinguishers, etc .....		129 25
F. C. Ryan, contract City clock .....		148 75
Farquhar Bros., electrical fixtures, lamps, copper-smiths .....		90 45
J. Foley, repairs roof City Hall .....		93 90
H. H. Fuller & Co., hardware .....		61 15
Labor, repairing Stayner's wharf .....		65 44
Removing material from old shop to new .....		55 58
Cleaning City Hall .....		167 26
John McInnes, balance on land Lower Water Street .....		50 00
Canada Foundry Co., balance on Gardens fence .....		40 83
Longard Bros., new radiator and repairs City Hall heating .....		47 00
W. Chas. Anderson, cleaning material .....		21 08
J. Starr, Son & Co., electrical fixtures .....		20 54
N. S. Vacuum Cleaning Co., work at City Hall .....		20 00
S. Marshall & Son, plastering Board Health room ..		11 65
Repairs at Library .....		11 25
Repairs telephone line Stockyard .....		13 12
W. J. Hubley, cleaning material .....		9 50
Dockerell Bros, repairs furniture City Collector's office .....		6 00
W. Robertson, 2 red ensigns .....		7 00
W. Stairs, Son & Morrow, 1 Canadian ensign .....		6 75
Wentzells, Ltd., clearing supplies .....		7 20
Walsh Bros., 7 panes glass .....		3 50
Holland & Kuhn, blinds Auditor's office .....		3 00
Bateman & Co., locksmithing .....		6 15
G. M. Cullen & Co., glazing .....		50
Maritime Paint Co., 4 lbs. paint .....		50
Army Pay Department, rent letting .....		25
N. S. Telephone Co., 1 mouthpiece telephone .....		15
J. Wonnacott, 1 lock and 6 keys .....		3 25

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2604 03

Cr. balance carried forward 1999-10 .....

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\$220 40

### Permanent Pavement.

1908.			
May 1.	To amount brought forward	1896-7 .....	\$ 83568 21
	"	1907-8 .....	59315 00
	Barber Asphalt Paving Co.....		21604 37
	Labor .....		253 49
	H. H. Fuller & Co., hardware.....		5 50
	Sewerage, transfer for material.....		221 34
	Streets, " " .....		348 18
			\$165316 09
		CR.	
	By Loan and collections, 1906-7 .....	\$ 50377 10	
	" " 1907-8 .....	28430 24	
	" " 1908-9 .....	4000 00	
			82807 34
			\$ 82508 75

### Resumes.

To Balance .....		\$ 82508 75
	LESS.	
To be paid by Abutters 1906-7 .....	\$ 40539 47	
" " 1907-8 .....	28671 01	
" " 1908-9 .....	11001 52	
		80158 00
		\$2350 75

This overdraft is balanced by Loan Act, passed by Legislature, 1909, for \$2400.00.

### Contingent Account.

1908.			
Sept. 28.	To decorating City Hall, Trades & Labor Council reception...	\$ 20 23	
Oct. 15.	" " " " .....		5 34
Dec. 7.	} Transfer Sewer Maintenance account .....		53 87
1909.			
April 30.			
1908.			
Dec. 7.	Hillis & Son, damage range, Gray St. flooding .....		10 00
21.	Cleaning catchpits and streets.....		100-21
1909.			
April 30.	Transfer for street lighting account .....		43 50
			\$ 233 15

## Sewerage.

1908.			
May 1.	By Balance brought forward 1907-8.....	\$	8494 61
	Loan.....		25000 00
	Streets, transfer for 96 bbls. cement.....		231 13
	Permanent Sidewalks, transfer for.....		1160 60
	Quinpool Road widening, transfer for material used.....		40 82
	Permanent Pavements.....		221 34
	New workshops.....		26 20
	Collections by Works office.....		267 84
			<hr/>
			\$35442 54

## EXPENDITURE.

Labor.....	\$	25918 28
Salaries.....		1300 00
W. Stairs, Son & Morrow, 500 bbls. cement.....		1021 00
Capt. Freda, sand, gravel.....		960 52
Acadia Powder Co., dynamite, fuses.....		726 00
Brookfield Bros., lumber, drain pipe.....		699 01
Jas. Simmonds & Co, 50,000 brick.....		387 50
H. H. Fuller & Co., hardwre.....		283 53
J. Kline, granite.....		262 50
L. Webber, damages to property.....		175 00
R. Rent, extra services Collector's office.....		150 00
Halifax Electric Tram Co., repairs track acct.		
Windsor Street sewer.....		122 90
S. Cunard & Co., coal.....		140 83
T. Hogan & Co., retubing boiler steam drill.....		57 60
W. D. Yeadon, granite.....		30 00
Silliker Car Co., iron castings, glazing.....		29 60
T. C. Allen & Co., stationery.....		27 50
E. F. Stevens, cement bags.....		22 50
Ingersoll-Sergeant Co., fittings steam drill.....		21 56
W. & A. Moir, machinists' work.....		10 95
J. White & Co., sprinklers, tinsmiths' work.....		10 70
R. G. Dun & Co., subscription.....		10 00
T. Larson & Co., 2 pairs rubber H. boots.....		9 00
R. R. Kennedy, " ".....		9 00
Army Pay Department, rent letting Y. A. sewer outlet.....		4 86
McDonald & Co., brass castings.....		2 20
Teams and Stables, 1 year's board Foreman Streets horse.....		156 00
Teams and Stables, transfr for work done.....		89 00
Streets, transfer for material used.....		564 76
Permanent Sidewalks, transfer for material used.....		734 54
Henry Lovett, leather for pumps.....		7 37
Blackadar Bros., advertising tenders supplies.....		23 10
		<hr/>
		33967 31
Credit balace carried forward.....		<hr/>
		\$1475 23

## COST OF SEWERS.

	Labor.	Material.	Total cost.
General work .....	\$2203 78		\$2203 78
Building Catchpits .....	1310 47		
Making concrete .....	1504 36		
Chebucto Road sewer (Dublin to Oxford Street) .....	4518 48		
Windsor Street " .....	1024 93		
Summer Street " .....	333 10		
Creighton Street " .....	3995 44		
Hanover Street outlet .....	219 65		
Summit Street sewer .....	1339 33		
Agricola Street " .....	3697 60		
Cedar Street " .....	1356 95		
Maynard Street " (Cogswell to Falkland St.) .....	1950 92		
Brussels Street " .....	2367 96		
Gerrish Street " (cleaning) .....	12 36		12 36

## New City Workshops.

- 1908.

May 1. By Cathedral Committee .....	\$ 18000 00
Old Exhibition Building, sale of .....	125 00
R. Beazley, purchase of lot .....	2700 00
" " .....	621 16
Falconer & McDonald, purchase of lot .....	2188 84
Error pay list .....	12 11
Interest on deposit .....	743 84
West and Maynard Street land purchase, transfer .....	1139 24
	<u>\$ 25530 19</u>

## EXPENDITURE.

Labor, as per pay list .....	\$ 2345 81
G. B. Low, as per contract .....	16405 89
Silliker Car Co., lumber .....	1540 62
Brookfield Bros., lumber .....	811 82
J. MacInnes & Son, sashes, etc. ....	197 30
Day & Kinsman, plumbing .....	276 00
H. H. Fuller & Co., hardware .....	262 60
Rhodes, Curry & Co., lumber .....	97 78
David Roche, glass .....	62 00
W. Stairs, Son & Morrow, pipe, etc. ....	32 48
Blackadar Bros., advertising tenders .....	23 45
Chronicle Co., " " .....	9 54
Halifax Herald, " " .....	25 05
Sewerage, transfer for material .....	26 20
Jas. Dempster & Co., 3 outside doors .....	13 50
	<u>22129 24</u>
Credit balance carried forward 1909-10 .....	<u>\$ 3400 95</u>

## Water Maintenance.

1908.			
May 1.	By	Balance brought forward.....	\$ 8666 89
		Water Rates, etc., City Treasurer.....	82850 18
		City Works Office, collections deposited.....	1036 29
		Interest on balances.....	812 66
		Construction, transfer on account meters.....	12051 81
			\$105417 83

## EXPENDITURE.

Interest.....	\$ 49276 00
Labor.....	16356 05
Salaries.....	5750 00
Sinking Fnnd.....	2625 00
Ed. Maxwell, contract new gate house.....	1812 00
Customs duty.....	925 60
H. H. Fuller & Co., lead pipe, hardware.....	688 68
Silliker Car Co., iron castings.....	475 03
T. C. Allen & Co., stationery.....	362 89
W. S. Craig, putting in meters and plumbing.....	313 55
Teams and Stables, transfer board Engineer's and Foreman's horse.....	312 00
E. L. Fenerty's suit, settlement, \$100; taxed costs \$196.15.....	296 15
F. L. Fenerty's suit, Ritchie & Robertson costs.....	287 90
Macdonald & Co., brass castings.....	259 37
A. & W. Mackinlay, blank books.....	235 60
Holloway Bros., printing meter pamphlet.....	235 00
N. S. Telephone Co., rent.....	181 67
Bras d'Or Lime Co. 200 bbls. lime.....	140 00
W. & A. Moir, machinists work.....	145 09
Henry Lovett, leather.....	113 85
W. B. A. Ritchie, legal opinion meter contract.....	100 00
R. E. Harris, ".....	100 00
Halifax Electric Tram. Co., motor power shop.....	206 67
S. Curard & Co., coal.....	91 10
H. B. Clarke & Son, meter seals, etc.....	67 70
Robinson Bros., cartage water pipes.....	48 70
Longard Bros., brass castings.....	60 92
Warren Bituminous Pav. Co., repair work.....	43 26
J. H. Winfield, damage to hot water boiler.....	36 00
Miss Allison, making out duplicate water bills.....	30 00
Miss Marion Hall, services Engineer's office.....	30 00
A. Lamphier, repairs Foreman's waggon.....	28 40
Halifax Printing Co., printing legal opinions.....	49 00
M. A. Hutchinson, ice, City Clerk's office, etc.....	16 00
John White & Co., stove, fittings, tinsmith work.....	15 65
Builder's Iron Foundry, chart records for meters.....	13 50
S. H. Holmes, fees.....	13 25
J. C. Merlin, 6 m wedge.....	12 00
Herald Publishing Co., publishing subscription.....	37 40
Chronicle Publishing Co., ".....	10 20
Brookfield Bros., lumber.....	23 52
W. Stairs, Son & Morrow, 5 bbls. cement, etc.....	10 75
F. C. Ryan, repairs meters.....	10 00
McAlpine Publishing Co., 3 directories.....	10 00

Barker Asphalt Paving Co., rapair work .....	\$ 18 21
S. Chittick, ice, Works Department .....	10 00
M. J. Brown, badges .....	7 00
W. N. Brown, 1 wheel for tool cart .....	6 50
Dr. McFtridge, veterinary service .....	4 00
Canadian Rubber Co., diaphragms .....	5 00
Engineering Record, subscription .....	4 50
Canadian Sen. Elec. Co., fuses for motor .....	3 61
Western Union Tel. Co., telegrams for Engineer ..	3 71
R. N. McDonald, 4 bags salt .....	3 00
Gauvin & Gentzell, cuts per Engineer .....	3 00
Hillis & Son, Ltd., 1 firepot .....	2 61
G. E. Smith & Co., never-slip horseshoes .....	3 00
T. Holloway & Son, 1 block .....	2 20
Blackadar Bros., advertising .....	2 00
R. D. Adams & Co., candles .....	1 80
Wentzell's, Ltd., candles .....	1 20
Smith Premier Co., repairs typewriter .....	1 50
W. C. Knight, repairs harness Foreman's team ..	1 15
J. Buckley, keys .....	1 00
J. Wonnacott, keys .....	50
Canadian Express Co., expressage .....	50
E. O. Blackie, sealing wax, meters .....	40
New England Water Work Association, subscription	3 00
	<u>81945 34</u>
Credit balance carried forward 1909-10 .....	<u>\$ 23472 49</u>

### Water Construction.

1908.		
May 1.	By Balance brought forward 1907-8 .....	\$ 21564 17
	Collections City Works office .....	1536 01
		<u>\$23100 18</u>

#### EXPENDITURE.

Labor .....	\$ 6029 11
Maintenance, transfer on arct. water meters ..	12051 81
W. Stairs, Sou & Morrow, 109 pieces W. pipe ..	1246 76
E. Maxwell, meter house .....	1862 00
H. H. Fuller & Co., lead pipe, hardware .....	583 62
Silliker Car Co., iron castings .....	245 70
Macdonald & Co., brass castings .....	208 41
N. S. Fire Insurance Co., insurance water meters...	218 75
Glenfield, Kennedy Co., 6 9" socket valvas .....	147 03
W. & A. Moir, stopcocks .....	48 00
Robinson Bros., cartage pipe, etc .....	29 70
M. Griffin, cab hire .....	3 00
Acadia Powder Co., dynamite, fuse .....	37 00
Direct Cable Co., telegram Glasgow .....	1 00
Jas. Robinson & Co., 450 lbs lead yarn .....	42 90
	<u>22754 89</u>
Cr. balance carried forward 1909-10 .....	<u>\$345-29</u>

## COST OF WORK.

	Labor.	Material.	Total cost.
Shop .....	\$3744 24	.....	\$3744 24
Repairs on service .....	5916 20	.....	5916 20
Extension of service .....	3353 54	\$1543 44	4896 88
Repairs on, taking pressures fire plugs, stopcocks, meters .....	2857 62	.....	2857 62
Repairs bursts and leaks .....	624 99	.....	624 99
Inspection for waste, meter reading .....	1683 09	.....	1683 09
Cleaning mains .....	127 20	.....	127 00
Repairs pipe house, Chain Lakes .....	.....	.....	.....
Creighton St. N. of Black St., 6" main .....	188 74	44 45	233 19
Cedar St. E. of Walnut St., 6" main .....	79 91	33 15	113 06
Cedar St., 6" stopcock .....	9 79	26 81	36 60
Technical College, 4" main .....	130 20	102 83	233 03
Cor. Queen and Morris Sts., fire plug .....	15 01	81 01	96 02
Cor. Birmingham and Morris Sts., fire plug .....	21 95	88 20	110 15
Cor. Dresden Row and Morris Sts., fire plug .....	21 68	79 34	111 02
Morris St., renewing service pipes .....	256 65	.....	.....
Queen St., renewing service pipes .....	236 57	.....	.....
Exhibition stables, renewing 1" service pipes .....	24 36	.....	.....
Disconnecting 6" North St. from 9" Water St .....	23 67	.....	.....
Clifton St. S. from North St., 6" main .....	86 02	110 25	196 27
Gottingen St., fire plug opp. Trachoma Hospital .....	23 17	94 64	117 81
Peperell St., fire plug between Louisburg and Proctor Sts .....	33 81	98 00	131 81
Peperell St., 9" main .....	54 27	34 49	88 76
Chebucto Road W. of Dublin St., 6" main .....	105 11	445 85	550 96
Henry St., Morris to South Sts., 6" main .....	64 27	112 09	176 36
" N. of Coburg Road, 6" main .....	76 22	118 80	195 02
Queen Hotel, 3" main .....	24 24	37 82	62 06
Cabot St., 6" main .....	108 49	46 02	154 51
Kane St., 6" main .....	433 91	638 70	1072 61
Kane St., fireplug .....	17 46	102 10	119 56
S. Cunard & Co., extension to new fireplug at new wharf .....	87 20	120 09	207 29
Agricola St., 9" main .....	765 76	1430 38	2196 04
Cor. Agricola and Kane Sts., fireplug .....	10 67	97 90	108 57
Cor. Gottingen & North Sts., fireplug replacing .....	33 52	88 00	121 52
Jubilee Boat Club .....	206 25	8 27	213 52
Cor. Agricola and Stairs Sts., fireplug .....	16 23	98 70	114 93
" Stanley Sts., fireplug .....	16 14	98 10	114 24
" Columbus Sts., fireplug .....	21 84	99 10	120 94
" Cabot Sts., fireplug .....	15 77	92 81	108 58
Cor. Brunswick and Gray Sts., fireplug .....	19 52	88 02	107 54
Cor. Henry and South Sts., 3-nozzle fireplug .....	24 86	88 41	113 27
Co. Seymour St. & Coburg Rd., 3-nozzle fireplug .....	26 17	87 66	113 83
Cor. Hurd and Starr Sts., 3-nozzle fireplug .....	34 65	76 41	111 06
Cor. Creighton & Cogswell Sts., replacing fireplug .....	11 19	67 25	78 44
Cor. Maynard & Cogswell Sts., replacing fireplug .....	12 11	67 25	79 36
New Stables, 4" and 2" main, not finished .....	62 66	.....	.....
Cleaning 6" pipe at lot .....	34 52	.....	34 52



# CITY ENGINEER'S REPORT.

## CITY WORKS DEPARTMENT.

### COMMITTEE ON WORKS, 1908-1909.

A. B. CROSBY, Mayor, *Chairman.*

ALDERMAN ALFRED WHITMAN,

ALDERMAN ANDREW HUBLEY.

#### OFFICIALS :

F. W. W. DOANE, M. CAN. SOC. C. E., *City Engineer.*

H. W. JOHNSTON, C. E., *Assistant City Engineer.*

T. W. J. LYNCH, *Assistant.*

#### WATER WORKS.

EWEN MORRISON.....*Foreman.*

DANIEL J. McLEAN.....*Chief Sub-Foreman.*

D. P. O'NEIL.....*Plumbing Inspector.*

JOHN E. BURNS .....*Chief Water and Meter Inspector.*

#### STREETS, SEWERS, Etc.

JOHN McDONALD.....*Foreman.*

JAMES DOWNIE.....*Assistant Foreman.*

#### OFFICE.

JAMES J. HOPEWELL... ..*Clerk of Works.*

MISS MINNIE HUNTER.....*Stenographer.*

CITY ENGINEER'S OFFICE, CITY HALL,  
HALIFAX, N. S., April 30th, 1909.

*To His Worship the Mayor :*

SIR,—I have the honor to submit my (eighteenth) annual report dealing with the public works of the City under the supervision of the City Works Department during the civic year ending to-day:

WATER WORKS.

Amount of funded debt on Water Account.....	\$1,112,375.00
“ transferred from revenue.....	36,000.00
“ of funded debt redeemed by sinking fund...	8,000.00
“ “ “ revenue .....	30,000.00
“ “ “ premiums on loans	4,073.33
	<u>\$1,190,448.33</u>
Amt. expended to April 30th 1908.....	\$1,167,784.16
“ “ 1908-9....	\$22,754.89
“ repaid 1908-9.....	1,536.01
	<u>21,218.88</u>
Discount on loan .....	1,100.00
	<u>1,190,103.04</u>
Total cost of water works to date.....	1,190,103.04
Balance on hand .....	\$ 345.29
Amt. paid into Sinking Fund in excess of debt redeemed.	23,000.00

COST OF MAINTENANCE, 1908-1909.

Interest .....	\$49,276.00
Sinking Fund.....	2,625.00
Maintenance of System.....	30,044.34
	<u>\$81,945.34</u>

or 6.88 per cent. of the total cost of the system to date, interest and sinking fund being 4.36 per cent.

No mains were renewed during the year.

## NEW WORK.

No new work was done during the year except the usual extensions of water ordered on petitions.

All extensions made were in the high service district, the total length being 3875 feet. The total length of mains now in use is  $73\frac{1}{2}$  miles.

Seven new main stop valves and fifteen hydrant valves were placed in service, making a total of 883.

Eight new hydrants were installed, increasing the total to four hundred and forty-five. Ten old hydrants were replaced with improved City design frost jacket hydrants with steamer nozzle.

Five thousand five hundred and ninety-five feet of pipe was laid for one hundred and fifty new services and two thousand four hundred and seventeen feet of old service pipe was renewed.

## FENERTY VS. CITY.

This action resulted favorably (for the City) as shown by the following report presented at the meeting of Council on September 18th, 1908 :—

OFFICE OF CITY SOLICITOR, Sept. 18th, 1908.

*His Worship the Mayor and  
Members of the City Council :*

GENTLEMEN,—I have deferred making my report upon this case, which was decided by Judge Meagher some three weeks ago, until I had obtained a copy of his lengthened judgment. This I have now obtained and beg to submit herewith for your information. As the case was one of the greatest importance to the City, and the facts of it probably not clear to the present members of the Council, I have thought it right to give a somewhat extended report respecting it.

The action was the outcome of a controversy which has been going on with more or less acrimony ever since 1846, between the old Water Company, which was established at that date, and the

City as the successor of the old Water Company since 1861, on the one hand, and the owners of mill property on the stream leading from the Chain of Lakes on the North West Arm. The mill owners have persistently denied the right of the City at all to shut off or obstruct the flow of the water in this stream, and have claimed that the city was under an obligation to store the water of the Chain Lakes for them, and to supply it to them as they required it. This claim the city has consistently denied, maintaining that the only right of the mill owners was to have the stream flow in its natural volume. Obviously, if the claim of the mill owners could have been substantiated, it would have been a matter of the most serious consequence to the City, as it would have practically given the mill owners the right to the Chain of Lakes, with the valuable dams and water privileges.

The matter came to a head in the year 1905. In that year there was a most unusual and prolonged drought, and the City, believing it had the right to do so, completely closed the water of the Chain of Lakes in September, and allowed none to run down until the month of December. This it did, believing that under the then existing condition of things, no water would have naturally flowed to the mill owners.

Mr. Fenerty and the other mill owners thereupon brought this claim against the City, claiming:—

- 1 Five thousand dollars damages for diversion and obstruction of the water.
- 2 An injunction to restrain the City from ever closing off the waters of the stream.
- 3 A declaration that the city was obliged to store water for their use in the Chain of Lakes and to let it down to them as they had occasion for it

This action was defended by the City.

When the case came to be prepared for trial the Engineer and Assistant Engineer, who have given the greatest possible attention to the case, satisfied themselves that some small quantity of water might possibly have been diverted during the period of the great drought. When it is considered that at that time Chain Lakes

were absolutely dry and that Long Lake was so far reduced that it was necessary to pump water in the canal leading to Chain Lakes, it was obvious that the City was not in a position to regard greatly the question whether some of the water might possibly have flowed to some other proprietor. It was, however, doubtful, even under these circumstances, whether any water would naturally have flowed to the mill owners; but to obviate all difficulty on that score and to prevent an unnecessary and costly inquiry the City resolved to offer the mill owners the sum of \$100.00 in full of their damages, notifying them that if they persisted in proceeding with the action for the injunction and declaration claimed the City would defend the action and ask for costs. The mill owners accepted the \$100.00 in full satisfaction of their damages, but proceeded with the action for the injunction and declaration.

The action was tried before Mr. Justice Meagher at various times in 1906, 1907 and 1908, and the learned judge has given judgment in favor of the City upon the two questions tried, that is to say, he has refused to give the injunction or the declaration asked for. The City is thus entirely successful upon the real point of the case, as the trifling amount of damages incurred during the drought is a matter of no consequence. No appeal has so far been taken by the plaintiffs, and the judgment if not reversed, completely establishes the position which has always been taken by the City, and puts an end to a controversy which has been a most vexatious one to the city ever since its acquirement of the City's lakes and water supply.

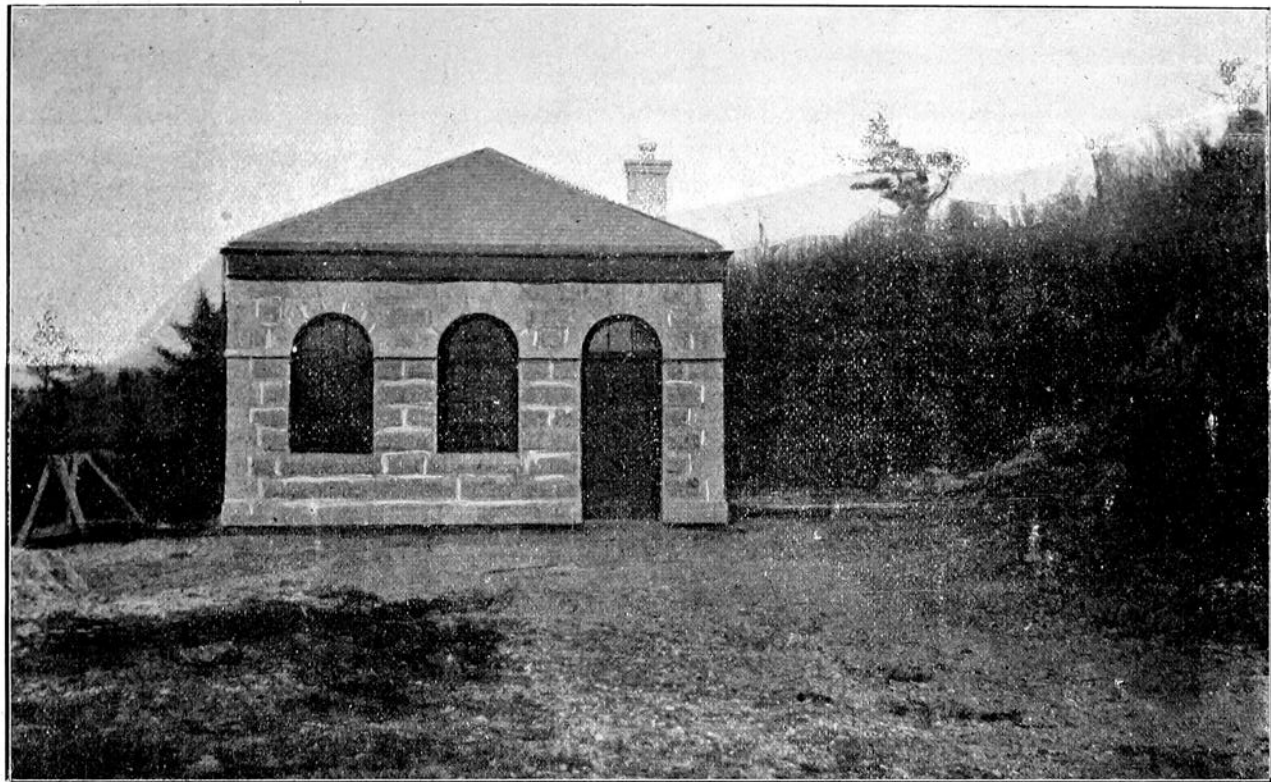
(Sgd.) F. H. BELL, *City Solicitor.*

(A Copy of this judgment is published in the Appendix.)

#### METERS.

The general installation of meters ceased at the beginning of the year, but the improvement in the low service as shown by the figures published in the last Annual Report was not a temporary one. Over five hundred meters were installed in March and April 1908 and the reduction in consumption made by even that small number shows what they will do.

The reduction in consumption, about 800,900,000 gallons for the year, is not the only advantage gained. In March, 1908 when



VENTURI METER HOUSE—CHAIN LAKES