

Electric motors may also be promptly started, but a fire at the generating station or along the transmission line might at any time paralyze the system. Electric power should not be adopted in Halifax for the further reason that the only available power is owned and controlled by a private company.

The operating expenses in a steam power plant would cost more than in a gas plant, as it would be necessary to maintain a working steam pressure on one or two boilers at all times.

The coal required for banking fires and heating building, would probably not exceed one ton per day. If it could be arranged to combine a Fire Station with the Pumping Station but one additional man would require to operate the machinery otherwise three men.

Turbine pumps are better suited for this service than reciprocating pumps, and the first cost would be less, although not so economical, but economy in power is of secondary importance.

The increased pressure in the 24 inch main on Gottingen Street would increase the leakage slightly in the entire low service system.

It may be asked, why not lay another conduit to Chain Lakes, thus securing an additional fire supply without pumping.

The advantage of the pumping system over a conduit is this, that a proper fire supply may be given at any point in the high service district as well as the low service district upon demand. Further, by operating the turbine pumps in series the pressure may be doubled at the pumping station, thus giving fire pressure at the hydrants in the lower parts of the city.

For the present one turbine pump with a capacity of 4,000 gallons, and a second of 2,000 gallons per minute, with direct connected engines, should be installed with three water tube boilers. Space should be provided in the pump room for duplicate machinery and in the boiler room for an additional boiler.

#### RESERVOIR.

Mr. Laurie in his report of 1860 recommended a reservoir to be built on Camp Hill of sufficient capacity to contain 48 hours' supply. In 1866 the matter was referred to Mr. T. C. Keefer, who considered a reservoir in town as unnecessary.

The highest ground within the City limits is Hungry Hill, formerly called Shafforths Hill, in the north end, which has an

elevation of 240 feet above the sea. Longard Street crosses the summit of the hill near Cabot Street. A surface reservoir at this elevation enclosed by an embankment or wall would give storage, but would improve the domestic pressure but little.

By constructing a water tower or standpipe to contain about half a million gallons the pressure in the high service district would be equalized, and the stored water would improve the fire supply. If full, 500,000 gallons would supply the high service district from six to eight hours. The tower might be filled by a small pump and held in reserve for fires and other emergency purposes.

#### ACCESSORIES.

The temporary meter house at Chain Lakes, erected in 1906, should be replaced by a suitable building, in fact all the buildings at Chain Lakes should be replaced by permanent structures properly designed.

At this meter house a self-recording pressure gauge should be set on the 15 inch conduit.

At the Dutch Village Road a battery of pressure relief valves should be set on each of the three conduits, as well as a blow-off valve. These valves would relieve the conduits from excessive strains due to the sudden opening or closing of valves and hydrants in the City. Suitable chambers should be constructed around or over these relief and blow-off valves, and pressure gauges should also be set in these points.

Self-recording pressure gauges should also be installed at the City Hall, on both conduits at Quinpool Road Fire Station, and at some point on the 27 inch main near Kempt Road or Gottingen. Standard hydraulic gauges should also be set at all the fire stations and the records entered in books kept for the purpose.

The recording pressure gauges should be set at once before any of the recommended improvements have been commenced.

#### SUPPLEMENTAL SUPPLY.

The country in the vicinity of Halifax is dotted with numerous small lakes, as a rule containing water of good quality for domestic purposes. From time to time it has been proposed to increase the present supply by simply adding the watershed of some lake contiguous to the watershed of Long Lake or Spruce Hill Lake.

An inspection of the accompanying general plan will show that the adjoining watersheds are either too small to be considered, or too low to permit of diverting water into the existing systems.

By pumping, the water of Governors Lake might be discharged into Chain Lake, and Ragged Lake may be diverted into Long Lake, but these additions would not increase the supply to the City without laying another conduit from Chain Lake.

The Birch Cove Lakes lying north of Governor's Lake, were suggested as an additional source of supply as far back as 1860, when the first important extension of the original system was contemplated.

In the report of J. Laurie, C. E., to the City Council, dated May 15th, 1860, the area of these lakes is given as 400 acres, the overflow about two thirds the overflow from Long Lake, and the elevation as 239 feet.

From levels taken in 1905 the elevation of Quarry Lake, which is the lowest of the chain, and the one nearest the City, was found to be 243 feet instead of 239 feet. The area of the watershed is approximately 3,500 acres.

Taking into consideration the area of the watershed, and of the lake areas, the run-off should equal four fifths of that from Long Lake and Chain Lakes.

It can be safely assumed that the Birch Cove Lakes may be depended upon to yield from 6,000,000 to 7,000,000 gallons per day.

To convey this quantity of water to the City would require a conduit about five and one-half miles in length, and 27 inches in diameter. The additional head due to the extra 37 feet of elevation over Chain Lake is offset by the friction in the additional length of main.

By pumping from the conduit at the City end at Young Street, the capacity would be increased to 8,000,000 gallons per day.

The largest body of fresh water within twenty miles of Halifax is Pockwock Lake, which lies sixteen miles due north west of the City. This lake discharges south westerly through North East River into St. Margaret's Bay. At the outlet of the lake a low dam has been constructed that raises the water three or four feet above the natural level, and gives a head of about eight feet for the small sawmills located at this point.

The drainage area of the lake has not been determined, but judging from the volume of flow at the outlet in May 1905, and information received from parties residing at the mills, the run-off would exceed the requirements of the City.

The lake itself has an area of about 3.60 square miles, and an elevation of 395 feet above the sea.

From preliminary examinations made along Hammond Plains Road and Sackville River Valley, and from a study of the plan of the country, it would appear practicable to divert water from Pockwock Lake to Tomahawk Lake by the construction of an inexpensive canal or conduit about one-half a mile in length, the maximum cutting being about twenty feet. Tomahawk Lake, which is about 40 feet lower than Pockwock, discharges into Big Lake on the Sackville River.

These lakes would doubtless yield an abundant supply of excellent water, but the construction of a conduit from Tomahawk Lake to the City, a distance of sixteen miles by way of the valley of the Sackville River and Bedford Station, would be an expensive undertaking. By making Big Lake the City Reservoir, the length of conduit might be reduced to fourteen miles following the river valley.

By instrumental surveys, a more direct route and possibly a cheaper, might be discovered via Sandy Lake, but whatever route were ultimately adopted, a large part of the conduit line would be in rock.

The great advantage of the Pockwock supply would be, that by adopting a conduit of sufficient diameter, the entire City could be supplied by gravity from this one source.

The maximum quantity of water now used by the City could be delivered through a 36 inch conduit from Tomahawk Lake, and give a slightly increased pressure in the high level district. A conduit 48 inches in diameter would deliver practically double that of a 36 inch, but would cost from 20 per cent. to 25 per cent. more.

If the existing Water Works System were to be discarded, or if the City were now without a water supply, the Pockwock Lake project might be carefully investigated, and complete surveys and plans made, but as the present supply is ample for all requirements, further consideration of this scheme may be deferred until your City has doubled in population. The water is there, and you can get it when you require it.

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 FINANCIAL.

In the year 1861 the works were acquired by the City at a cost of about \$211,000. Since that date the distribution system has been greatly extended, the high service system added, the two large conduits laid, and many permanent improvements made at the lakes.

The cost of the works, revenue, operating expenses, etc., were as follows on May 1st, 1904 :—

Cost of works.....	\$1,128,200
Funded debt.....	1,056,600
Paid off.....	71,600

## REVENUE.

*On Assessed Valuation (1903.)*

\$16,000,000 @ 12 cts. per 100 .....	\$19,200	
8,000,000 @ 14 cts. per 100 .....	11,200	
		—————\$30,400
From Meters .....	13,600	
“ Special rate on fixtures .....	26,600	
		————— 40,200
		—————
Total revenue.....		\$70,600

## EXPENDITURE.

Interest.....	\$47,100
Maintenance .....	20,000
Sinking Fund.....	2,500
Short collections .....	1,000
	—————\$70,600

It may be of interest to compare the foregoing statement with that of the City of London, Ontario :—

Population of City the same as Halifax .....	42,000
Population supplied with water, about .....	38,000
Average daily consumption .....	3,400,000 gallons.
Number of services laid .....	10,500

*Cost of Water Works System.....\$868,385*

## REVENUE.

From consumers .....	\$95,670
“ City .....	16,390
“ interest and rentals.....	1,290
	<u>\$113,350</u>

## EXPENDITURE.

Maintenance and cost pumping .....	\$34,045
Capital expenditure .....	10,225
Interest and Sinking Fund.....	42,550
Surplus .....	26,520
	<u>\$113,350</u>

Although a larger amount has been expended upon the Halifax system than at London, the entire supply at London is pumped against a head of 250 feet, about one-half being pumped by water power and one-half by steam power. The pump house expenditure amounts to \$7,660 annually. The sum of \$6,740 is expended yearly on the dam and the pump house grounds known as Spring-bank Park.

These two large items of expenditure (\$13,400) if capitalized will bring the first cost of the London system up to that of the Halifax system. Eliminating these two items, the revenue and expenses are as follows:—

	HALIFAX.	LONDON.
Revenue from assessments .....	\$30,400	
“ “ City .....		\$ 16,390
“ “ Consumers .....	40,200	95,670
	<u>\$70,600</u>	<u>\$112,060</u>
Interest and Sinking Fund .....	\$49,600	\$42,550
Maintenance .....	20,000	20,645
	<u>\$69,600</u>	<u>\$63,195</u>

At London \$25 per annum is charged the City by the Board of Water Commissioners for each fire hydrant, about 500 now being supplied. The item of \$16,390, which includes the hydrant

rental, is assessed over the entire City. If the revenue from the City were increased to \$30,400 at London, the consumers would then be called upon to pay \$81,660, instead of \$95,670.

It would appear from the foregoing that the rates at Halifax are only about half what they are at London, and it may be advisable to revise your tariff.

The total revenue from the Halifax Water Works System may be sub-divided as follows:—

From assessments .....	\$30,400
From 327 metered consumers .....	13,600
From 6,250 unmetered consumers.....	26,600
	\$70,600
Total.....	\$70,600

The average amount received from the unmetered services is less than four dollars and fifty cents per annum.

As the average receipts throughout Eastern Canada are about ten dollars per service, and in the West much higher, it would appear that in Halifax the amount raised by the general assessment is too high.

At about nine cents per thousand gallons, which is a fair price for water, the 327 metered services consumed in 1903 about 147,300,000 gallons, or less than half a million gallons per day, yielding \$13,600, or say one-third the total revenue from consumers.

The amount flowing into the City through the conduits averaged about ten million gallons per day. Assuming that four million gallons represents leakage from the mains that cannot be checked, there remains six million gallons per day to be accounted for. Of this six million gallons, less than one-twelfth part yields one-third the revenue, and over eleven-twelfths only two-thirds. This is certainly unfair to the metered consumers.

Taking into consideration the existing conditions of the Water Works System, and the necessity for extensive improvements involving a large expenditure, it would appear prudent to advance the rates to consumers.

If the water used and wasted by the ordinary consumer were charged at meter rates, the annual revenue would be increased

from \$26,600 to \$180,000, allowing nothing for the 4,000,000 gallons now assumed as leakage from the mains.

The amount collected is now barely sufficient to make the Water Works System self-sustaining, and only a trifling amount has been set aside for depreciation.

## ESTIMATE OF COST.

"A"—*Birch Cove Lakes Scheme.*

To introduce an additional supply of water from Birch Cove Lakes would probably cost between \$250,000 and \$350,000. The wide difference between the two amounts given is accounted for by the fact that location surveys have not been made, and further that claims for diversion of water from mill owners cannot be closely determined in advance.

ITEM.	FROM	TO
(1) 30,000 lineal feet of 27 inch pipe .....	\$115,000	\$120,000
(2) Specials, valves and other materials.....	2,000	3,000
(3) Labor trenching and laying.....	25,000	35,000
(4) Rock additional.....	30,000	70,000
(5) Dams .....	15,000	20,000
(6) Gate houses, etc.....	5,000	7,000
(7) Riparian claims and land .....	25,000	40,000
(8) Contingencies 15% .....	33,000	55,000
Totals.....	\$250,000	to \$350,000
Annual charges .....	\$16,000	to \$22,000

Mr. Laurie in 1860 estimated the total cost as \$353,980.

If this scheme were carried out the supply of water would be increased by about 6,000,000 gallons per day, but it would be necessary to lay additional mains to convey this extra supply to different parts of the City. The amount of this piping may be taken as follows for comparing estimates:—

*"B"—Extensions of Mains.*

IN LOW SERVICE DISTRICT.

South	from Summer to Hollis.....	3,340 feet.
Duke	" Argyle to Water.....	700 "
Proctor's Lane	" Brunswick to Water.....	530 "
Gerrish	" Gottingen to Water.....	1,300 "
North	" Brunswick to Water.....	800 "
Russell	" Gottingen to Campbell.....	1,330 "
Hollis	" South to Salter.....	1,800 "
Salter	" Hollis to Granville.....	200 "
Granville	" Salter to Buckingham.....	2,100 "
Total.....		12,100 "

Estimated cost of above mains laid complete, with 30 extra fire hydrants.....\$40,000

IN THE HIGH SERVICE DISTRICT.

Kempt Road	from Young to North.....	2,730 feet.
Robie	" North to South.....	7,150 "
South	" Summer to Oxford.....	3,700 "
Oxford	" South to Quinpool.....	4,300 "
Oxford	" Quinpool to Young.....	4,420 "
Almon	" Kempt to Oxford.....	2,800 "
Longard	" Young to Cabot.....	2,000 "
		<hr/>
		27,100 "

Estimated cost of above mains laid complete, with 40 extra fire hydrants.....\$ 90,000

Total for new mains.....\$130,000  
 Annual charges.....7,800

If the extensions above enumerated involve an expenditure that is considered too large, in view of the other works that are necessary, the pipe system may be reduced by omitting some of the mains, but the following are essential :—

IN LOW SERVICE DISTRICT.

South	from South Park to Hollis.....	2,370 feet
Duke	“ Argyle to Water.....	700 “
Proctor's Lane	“ Brunswick to Water.....	530 “
Gerrish	“ Gottingen to Water.....	1,300 “
North	“ Brunswick to Water.....	800 “
		5,700 “
Estimated cost of above mains laid complete, with 20 extra fire hydrants.....		\$20,000

IN HIGH SERVICE DISTRICT.

Kempt Road from	Young to North.....	2,700 feet
Robie	“ North to South.....	7,150 “
Almon	“ Kempt Road to Oxford.....	2,800 “
		12,680 “
Estimated cost of above mains laid complete, with 20 extra fire hydrants.....		\$40,000
Total for new mains.....		\$60,000
Annual charges.....		3,600

“C”—Pumping Station.

Building.....	\$25,000
Three 150 H. P. water tube boilers.....	12,000
Forced or induced draught apparatus.....	2,000
Pipes, valves and connections.....	3,000
Two turbine pumps of 4,000 imperial gals. per minute capacity, with direct connected compound engines.....	14,000
One turbine pump of 2,000 gals. per minute capacity with direct connected engine.....	6,000
Foundations.....	4,000
Contingencies.....	6,000
	\$72,000

Annual charges :

Depreciation and interest .....	\$ 7,000
Operating expenses .....	4,000
<b>Total .....</b>	<b>\$13,000</b>

For the present one of the large turbine units may be omitted decreasing the first cost by \$23,000, and the annual charges by \$2,200.

*"D"—General Meter System.*

Cost of meters delivered at Halifax, duty paid :

4,500 $\frac{5}{8}$ in. and $\frac{1}{2}$ in. @ \$10.00 .....	\$45,000
1,000 $\frac{3}{4}$ in. " 13.00 .....	13,000
300 1 in. " 20.00 .....	6,000
200 $1\frac{1}{2}$ in. " 30.00 .....	6,000
200 2 in. " 45.00 .....	900
<b>Total 6,200 meters. ....</b>	<b>\$70,900</b>
Cost of setting 6,200 meters @ \$3.00 each....	18,200
Contingencies 10% .....	8,900
<b>Total .....</b>	<b>\$98,000</b>

Annual charges :

Interest .....	\$ 4,000
Depreciation or Sinking Fund .....	6,000
Maintenance and operating charges .....	6,000
<b>Total ..</b>	<b>\$16,000</b>

*"E"—Water Tower.*

Cylindrical steel water tower, 50 ft. diameter, 60 ft. high, on concrete foundations.....	\$22,000
or	
Reinforced concrete water tower, 50 ft. diameter, 60 ft. high, on concrete foundations.....	30,000

Annual charges :

Steel tower, 10%.....	\$ 2,200
Concrete tower, 7%.....	2,100

" F "—Accessories.

Two gate houses at Chain Lakes .....	\$ 8,000
One meter house at Chain Lakes.....	3,000
Three Venturi meters .....	2,000
Recording gauges, relief valves and connections.....	2,000
Two chambers for relief valves .....	1,000
<hr/>	
Total.....	\$16,000
Annual charges .....	1,000

SUMMARY OF ESTIMATES.

	Desirable.	Essential.
Meter system.....	\$ 98,000	\$ 98,000
Distribution system.....	130,000	60,000
Pumping station.....	72,000	49,000
Water tower.....	30,000	
Accessories.....	16,000	16,000
<hr/>		<hr/>
Totals.....	\$346,000	\$223,000
Annual charges.....	\$ 39,900	\$ 31,400

REVENUE.

The annual charges, which include interest, depreciation and operating expenses, may be met by adopting a reasonable meter rate.

The City now charges about nine cents per thousand gallons for large consumers. If this rate be applied to all consumers the revenue would be greatly increased.

Assuming that the consumption as registered by the meters on the services be reduced to 3,000,000 gallons per day, or about 75 gallons per capita, this would produce a revenue of \$300 per day,

or \$109,500 per annum, more than sufficient to meet all annual charges on the existing works, and the proposed extensions and improvements as well.

It would probably be better to retain the present revenue from assessments, abolish the flat rates and special rates, and adopt a lower meter tariff, in which event the annual revenue would be as follows :—

From assessments, as at present.....	\$ 30,400
Fixed charges for 6,700 meters, say \$2 each.....	13,400
3,000,000 gallons water per day at eight cents per 1,000 gallons.....	87,600
	<hr/>
	\$131,400
Annual charges at present.....	\$ 70,000
Annual charges on proposed new works.....	40,000
	<hr/>
	\$110,000
Annual Supplus.....	\$ 21,400

If we assume that the consumers should become so extremely economical that the consumption be reduced to 2,000,000 gallons, the revenue at 8 cents per 1,000 gallons with the same fixed charges would amount to \$92,200 per annum.

A meter rate of eight cents per 1,000 gallons is probably lower than any domestic rate in Canada or the United States.

If the works recommended be carried out the reduction effected in the insurance premiums on buildings in the business portions of the City, and the contents thereof, would probably exceed the estimated additional annual expenditure, or in other words, the proposed improvements will involve no additional tax, as the rate-payers are now paying more in excessive insurance premiums than the annual charges will amount to.

The additional capital expenditure recommended is a sum well within your means, whether your borrowing powers or valuation be considered, and the total cost of your Water Works System will then not exceed the cost of the average gravity system in other cities, nor will the total be unreasonable.

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Nearly every large City in Great Britain, the United States and Canada that constructed or acquired a system of water works prior to 1870 has practically re-constructed its entire system during recent years, and in many instances enormous sums have been expended to procure an ample supply of pure water for present and future requirements.

Respectfully submitted,

WILLIS CHIPMAN,  
*Civil and Sanitary Engineer.*

## URGENCY MEETING.

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4.30 p. m.

MAYOR'S OFFICE, CITY HALL, April 17th, 1907.

An informal meeting of the City Council was held this afternoon at the above named hour. There were present His Worship the Mayor and Aldermen Halliday, Archibald, Shaffner, Powell, Murray, Johnson, Gastonguay, Taylor, Douglas, Lamphier, Hubley, Kelly, Martin, MacKenzie, Hayward and Hawkins.

Deputy-Mayor Johnson explained the object of the meeting. Yesterday the Council of the Board of Trade passed a resolution asking His Worship the Mayor to call this meeting and the notices were at once sent out. The rules of Council require a longer time than this for calling a meeting so that this will have to be considered an informal meeting and any action taken would have to be ratified at a regular meeting. A bill has been introduced in the Legislature by the Government the object of which is the establishment of a School of Technology. Considerable pressure is being brought to bear on the Government to have this institution established in various parts of the province and this should be counteracted by the City taking action to show that it is desirous of having it in the City of Halifax. For very many reasons it would be of vast benefit to the City to have this institution here. In salaries alone it is expected that the Government will spend about \$40,000.00 a year and this would be circulated in the City. The object of this meeting was to consider the advisability of encouraging the establishment of this College in the City by offering the Government a free site, or in some other way.

Moved by Alderman Johnson, seconded by Alderman Halliday, that the City Solicitor be instructed to prepare an Act to be submitted to the Legislature at its present session authorizing the City of Halifax, upon the City Council passing by a two-thirds' vote a resolution to that effect, to present to the Government of Nova Scotia a site for the proposed, Nova Scotia Technical College, if such College is established in the City of Halifax.

Motion passed unanimously.

The meeting adjourned.

## EVENING SESSION.

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8.10 o'clock.

COUNCIL CHAMBER, CITY HALL, April 30th, 1907.

A meeting of the City Council was held this evening. At the above named hour there were present His Worship the Mayor and Aldermen Martin, Lamphier, Powell, Douglas, Archibald, Taylor, Hayward and Murray.

Moved by Alderman Halliday, seconded by Alderman Archibald, that the time for meeting be extended until 8.30 o'clock. Motion passed.

8.30 o'clock. Roll called. Present the above named, together with Aldermen Halliday, Shaffner, Johnson, Gastonguay, Hubley, Kelly, Campbell, MacKenzie and Hawkins.

### PRESENTATION OF PAPERS.

The following named papers are submitted:—

Report special committee on Legislation, by Alderman Johnson, Chairman.

Report Committee on Tenders, by Alderman Halliday, Acting-Chairman.

Report Library Committee, by Alderman Murray, Chairman.

Report Board of Fire Wards, by Alderman Powell, Chairman.

His Worship the Mayor submits the following named papers:—

City Clerk's returns of election for Mayor and Aldermen.

Reports (7) Committee on Works, viz:

Yale and Yukon Streets sewer.

Doull property at Chain Lakes.

Kenny Street Water Extension.

Argyle Street sewer.

Tenders for supplies.

Queen Street sidewalk.

Permanent sidewalks.

Report City Engineer re tenders for removing Old Exhibition Building.

Letter City Health Board re spitting in Public Places.

Application of School Board for certain moneys.

Letter Provincial Secretary re site for Technical College.

Letter Agent-General for Nova Scotia re tests of Shand, Mason & Co. steam fire engines.

Report Coal Weighers for March.

Petitions (2) against permanent sidewalk Tobin Street.

Application of Silliker Car Company for permission to extend railway tracks across Almon Street.

Applications from St. Mary's Young Men's T. A. & B. Society, Geo. E. Whittaker, J. B. Mills and A. S. Hart for licenses to operate moving picture shows.

#### CONSIDERATION OF PAPERS SUBMITTED.

Read return of City Clerk covering the nomination papers of Robert T. MacIlreith for the office of Mayor of the City of Halifax, he being the only candidate nominated for said office for the election held April 24th inst.

The City Clerk declares Robert T. MacIlreith duly elected Mayor of the City of Halifax for the civic year 1907-8.

The following resolution is submitted :—

*Resolved*, That the City Clerk be and he is hereby directed to notify the Honorable The Provincial Secretary of the election of Robert T. MacIlreith, Esquire, to the office of Mayor of the City of Halifax, and to request that His Honor the Lieutenant-Governor may be pleased to name a time and place at which His Honor may be pleased to administer the oaths of office to the Mayor-elect.

Moved by Alderman Johnson, seconded by Alderman Halliday, and passed.

Read return of City Clerk covering the nomination papers of J. Johnstone Hunt and Alfred Whitman for the office of Alderman for Ward No. One, together with the poll books containing the returns of the Presiding Officers at the several polling places in said ward at the election held April 24th inst., said returns shewing Alfred Whitman to have received 268 votes and J. Johnstone Hunt 199 votes, giving Alfred Whitman a majority of 69 votes.

The City Clerk declares Alfred Whitman duly elected an Alderman of the City of Halifax for Ward No. One.

Read return of City Clerk covering the nomination papers of Joseph A. Chisholm for the office of Alderman for Ward No. Two, he being the only candidate nominated for said office for the election held April 24th, inst.

The City Clerk declares Joseph A. Chisholm duly elected an Alderman of the City of Halifax for Ward No. Two.

Read return of City Clerk covering the nomination papers of Patrick J. McManus for the office of Alderman for Ward No. Three,

he being the only candidate nominated for said office for the election held April 24th, inst.

The City Clerk declares Patrick J. McManus duly elected an Alderman of the City of Halifax for Ward No. Three.

Read return of City Clerk covering the nomination papers of Charles R. Hoben and Andrew Lamphier for the office of Alderman for Ward No. Four, together with the poll books containing the returns of the Presiding Officers at the several polling places in said Ward at the election held April 24th, inst., said returns shewing Charles R. Hoben to have received 347 votes and Andrew Lamphier 214 votes, giving Charles R. Hoben a majority of 133 votes.

The City Clerk declares Charles R. Hoben duly elected an Alderman of the City of Halifax for Ward No. Four.

Read return of City Clerk covering the nomination papers of Peter F. Martin for the office of Alderman for Ward No. Five, he being the only candidate nominated for said office for the election held April 24th, inst.

The City Clerk declares P. F. Martin duly elected an Alderman of the City of Halifax for Ward No. Five.

Read return of City Clerk covering the nomination papers of George A. MacKenzie for the office of Alderman for Ward No. Six, he being the only candidate nominated for said office for the election held April 24th, inst.

The City Clerk declares George A. MacKenzie duly elected an Alderman of the City of Halifax for Ward No. Six.

#### ELECTION RETURNS.

OFFICE OF CITY CLERK, April 25th, 1907.

*To His Worship the Mayor and City Council :*

GENTLEMEN,—Pursuant to the provisions of the City Charter and the Acts in amendment thereof, in respect to the election of Mayor and Aldermen, I have the honor to submit the following returns of the elections for Mayor and Aldermen held on the 24th day of April, inst.

I have made separate returns in respect to the election for Mayor and for the election of an Alderman for each Ward, attached to which separate returns are the original nomination papers of all the candidates.

#### ELECTION FOR MAYOR.

Robert T. MacIlreith..... By acclamation.

ELECTION FOR ALDERMEN.

Ward No. One.

Candidates.	Section A.	Section B.	Total
Alfred Whitman .....	142	126	268
J. Johnstone Hunt .....	98	101	199

Majority for Alfred Whitman..... 69

Ward No. Two.

Joseph A. Chisholm..... By acclamation.

Ward No. Three.

Patrick J. McManus .....

..... By acclamation.

Ward No. Four.

Candidates.	Section A.	Section B.	Total
Charles B. Hoben.....	188	159	347
Andrew Lamphier .....	110	104	214

Majority for Charles R. Hoben..... 133

Ward No. Five.

Peter F. Martin .....

..... By acclamation.

Ward No. Six.

George A. MacKenzie .....

..... By acclamation.

L. FRED. MONAGHAN, *City Clerk.*

Read report Tenders Committee re tenders for Advertising, Printing Forms, Printing Minutes of Council and Annual Report, Stationery and Blank Books.

TENDERS FOR PRINTING, STATIONERY, &c.

COMMITTEE ROOM, CITY HALL, April 30th, 1907.

*To His Worship the Mayor and City Council:*

GENTLEMEN,—Your Committee on Tenders beg to report that at a meeting of the Committee, held this day at 4.30 o'clock p. m., there being present Aldermen Campbell (Chairman), Murray and Halliday, tenders were received and opened for the following services, namely :—

ADVERTISING.

Chronicle Publishing Company—

\$1.20 per inch for first insertion in Chronicle.  
 .33 per inch for all subsequent insertions.

Blackadar Bros.—

75c. per inch for first insertion in Recorder.  
 35c. per inch for all subsequent insertions.

These being the only tenders received for advertising, your Committee recommend that they be accepted.

## TENDERS RECEIVED FOR PRINTING

Annual City Report—MacAlpine Publishing Co .....	\$2.20
Holloway Bros .....	1.75
Minutes of Council—MacAlpine Publishing Co.....	\$1.90
Holloway Bros .....	1.65
T. C. Allen & Co .....	2.00
Order of the Day—MacAlpine Publishing Co.....	\$1.35
Holloway Bros .....	1.50
T. C. Allen & Co .....	1.50

Your Committee recommend that the tender of Holloway Bros., being the lowest, be accepted.

Your Committee further recommend that the tender of Messrs. T. C. Allen & Co. for Stationery and Printing Blank Forms, and that of A. & W. Mackinlay, Ltd. for Blank Books, be accepted, these being the lowest for the respective services.

The different tenders are herewith submitted.

JAMES HALLIDAY, *Acting-Chairman.*

Moved by Alderman Halliday, seconded by Alderman Murray, that said report be adopted. Motion passed.

Read reports Committee on Works and City Engineer re permanent sidewalks.

## PERMANENT SIDEWALKS.

CITY WORKS OFFICE, April 30th, 1907.

*To the City Council:*

GENTLEMEN,—At a meeting of the Committee on Works held this day the attached report of the City Engineer re sidewalks to be constructed under the Halifax Permanent Sidewalk Act, 1906, was read and recommended to Council for adoption.

R. T. MACLEITH, *Mayor and Chairman.*

CITY ENGINEER'S OFFICE, April 30th, 1907.

*His Worship the Mayor:*

SIR,—I beg to report on the following sidewalks to be constructed under the Halifax Permanent Sidewalk Act, 1906:—

## GOTTINGEN STREET.

In compliance with instructions from the Council, I wrote to the Department of Public Works, Ottawa, asking if they would pay the cost of the construction of a sidewalk in front of the property formerly owned by the Imperial Government, the Admiralty property and the Wellington Barracks property, on the east side of Gottingen Street, between North and Russell Streets.

The matter was referred to the Department of Militia and Defence, and in January last I received a letter stating that the Minister of Militia and Defence had decided to recommend that provision be made by Parliament during the session for the construction of a sidewalk on Gottingen Street in front of the military and naval property to the amount of half the cost thereof. Subsequently I received a letter dated April 8th, stating that "owing to the estimates for work of this kind for the fiscal year 1907 having been very considerably reduced by the Governor-General-in-Council, it is feared that it will not be possible for the Department to assume part of the cost of the proposed sidewalk during this financial year."

Under the circumstances, I would recommend that the construction of this portion of the sidewalk be postponed; but that a concrete sidewalk with granite curb and gutter be laid from North Street north to the Admiralty property on the east side of Gottingen Street. Estimated cost, \$1739.00.

## SACKVILLE STREET,

North side, Hollis to Water Street.

Estimated cost ..... \$660.00

I would recommend the construction.

## DUKE STREET,

North side, from Barrington to Granville Street.

Estimated cost ..... \$321.00

I would recommend the construction.

## SPRING GARDEN ROAD,

South side, from No. 64 to South Park Street.

Estimated cost ..... \$653.00

This sidewalk is in a bad condition and I would recommend its construction.

## LOWER WATER STREET,

In front of Nos. 181—183.

The owner of this property has petitioned for a sidewalk, the estimated cost of which is \$44.00. I would recommend the construction.

F. W. W. DOANE, *City Engineer.*

Moved by Alderman Taylor, seconded by Alderman Hayward, that said reports be adopted. Motion passed unanimously.

Read reports Committee on Works and City Engineer re Queen Street sidewalk.

## QUEEN STREET SIDEWALK.

CITY WORKS OFFICE, April 30th, 1907.

*To the City Council:*

GENTLEMEN,—At a meeting of the Committee on Works held this day the attached report of the City Engineer in re Queen Street sidewalk was read and recommended to Council for adoption.

R. T. MACILREITH, *Mayor and Chairman.*

CITY ENGINEER'S OFFICE, April 30th, 1907.

*His Worship the Mayor:*

SIR,—Colonel Mowbray, who owns 47-49 Queen Street, has asked that the concrete pavement now being laid in front of Fort Massey Church ordered last year be extended past his property. I would recommend that the work be done. The estimated cost is \$239.00.

F. W. W. DOANE, *City Engineer.*

Moved by Alderman Taylor, seconded by Alderman Archibald, that said reports be adopted. Motion passed.

Read reports Committee on Works and City Engineer re Tenders for Supplies, &c.

TENDERS FOR SUPPLIES.

CITY WORKS OFFICE, April 24th, 1907.

To the City Council:

GENTLEMEN,—At a meeting of the Committee on Works held this day the tenders for the supplies of this department were opened as per City Engineer's report herewith attached. Said report is recommended for acceptance.

R. T. MACILREITH, *Mayor and Chairman.*

CITY ENGINEER'S OFFICE, April 29th, 1907.

Canvas of tenders received by the Works Committee for supplies and annual contracts during the year 1907-8.

SCRAP IRON.

W. McFatrige ..... \$10 50  
and \$2.50 for old safe.  
Recommended for acceptance.

COOPERAGE FLOATING BATH.

Thos. P. Mulcahy ..... \$46 00  
New casks \$1.50 for large and \$1.00 for small.  
Recommended that this tender be accepted, provided it is decided later to have the work done.

STREET SIGNS.

H. B. Clarke & Son ..... \$ 0 75  
Recommended for acceptance.

RENT OF FIELD, KEMPT ROAD.

W. A. Maling & Co. .... \$10 00  
It is expected that this field will earn more revenue this year for City purposes than the amount of the tender. It is therefore recommended that the awarding of this contract be deferred for the present.

CITY CLOCKS.

F. C. Ryan ..... \$148 00  
Recommended for acceptance.

STONE FOR BREAKING.

Wm. Parsons ..... 3c. at sheds, 4c. at crusher.  
Recommended this tender being too high be deferred.

EXPLOSIVES.

	Austen Bros.	Acadia Powder Co.
Blasting Powder.....	.15-4/10c.	.07c.
Dynamite.....	.22c.	.18c.
Detonators.....	.65c.	.55c.
Fuse Hanks.....	.10½c.	.20c.
Electric Fuse.....	.02¾c.	.02¾c.

The Acadia Powder Co's. tender, the lowest, is recommended for acceptance.

HORSES AND DRIVERS FOR SPRINKLERS.

Wm. Parsons.....	\$3 90
J. M. McGrath & Co.....	3 90
Claude Walsh.....	4 00
Samuel Withers.....	4 25

Recommended that the work be divided between the lowest tenders, Wm. Parsons and J. M. McGrath & Co.

WHEELS FOR SPRINKLERS.

	FORE WHEELS.		HIND WHEELS.	
	Large.	Small.	Large.	Small.
W. N. Brown .....	\$13 00	\$10 00	\$16 00	\$12 50

Recommended for acceptance.

BRICKS.

Gunn & Co.....	\$8 20
Brookfield Bros.....	7 98

Tender of Brookfield Bros., the lowest, recommended for acceptance.

CASTINGS.

Douglass & Co.....	Schedule price.
Hillis & Sons, Ltd.....	"

Tender of Douglass & Co., the lowest, is recommended.

VETERINARY SERVICES.

H. McFatrige.....	\$7 50
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Recommended the awarding of this contract be deferred.

DRAIN PIPE.

Brookfield Bros.....	Schedule price.
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Recommended for acceptance.

GRANITE.

John Kline.....	Schedule price.
Wm. D. Yeadon.....	"

Tender of Wm. D. Yeadon, the lowest, is recommended for acceptance.

HARDWARE.

H. H. Fuller & Co.....	Schedule price.	Total	\$3219 33
Geo. E. Smith & Co.....	"	"	3311 82

Tender of H. H. Fuller & Co., the lowest, recommended.

CEMENT.

	Brand.	
Sydney Cement Co.....	Rampart.	.53½c.
Wm. Stairs, Son & Morrow, Ltd.....	White.	.57 23/100c.
Eastern Portland Cement Co.....	"	.58 40/100c.
Brookfield Bros.....	"	.59½c.
A. M. Bell & Co.....	"	.60½c.

Recommended that 600,000 pounds be purchased from Sydney Cement Co. and the remainder from Wm. Stairs Son & Morrow, Ltd.

## LUMBER.

Brookfield Bros., Schedule price.....	\$713 12
John MacInnes & Son, Schedule price .....	755 93

Tender of Brookfield Bros., the lowest, recommended.

Moved by Alderman Taylor, seconded by Alderman Murray, that said reports be adopted. Motion passed.

Read reports Committee on Works and City Engineer re Argyle St sewer.

## ARGYLE STREET SEWER.

CITY WORKS OFFICE, April 30th, 1907.

To the City Council:

GENTLEMEN,—At a meeting of the Committee on Works, held 23rd inst., the attached report of the City Engineer in re Argyle St. Sewer was read and recommended to Council for adoption.

R. T. MACILREITH, *Mayor and Chairman.*

CITY ENGINEER'S OFFICE, April 23rd, 1907.

*His Worship the Mayor:*

Chairman City Works Committee,

SIR,—The construction of a sidewalk with granite curb and gutter has been ordered for both sides of Argyle Street, in the block between Blowers St. and Sackville St. There is no sewer in this block and it would be advisable before this work is proceeded with that a sewer be constructed. The estimated cost is \$2,450.00. Estimated assessment, \$750.00.

I would recommend that this sewer be placed on the order book, to be done as soon as possible.

F. W. W. DOANE, *City Engineer.*

Moved by Alderman Johnson, seconded by Alderman Taylor, that said reports be adopted. Motion passed.

Read reports Committee on Works and City Engineer re water extension Kenny Street.

## WATER EXTENSION KENNY STREET.

CITY WORKS OFFICE, April 30th, 1907.

To the City Council:

GENTLEMEN,—At a meeting of the Committee on Works held this day the attached report of the City Engineer on petition for water extension Kenny Street was read and recommended to Council for adoption.

R. T. MACILREITH, *Mayor and Chairman*

CITY ENGINEER'S OFFICE, April 28th, 1907.

*His Worship the Mayor:*

SIR,—I beg to report on the accompanying petition asking for water extension on Kenny Street to supply the petitioners.

The district is high service; size of pipe required, 6 inch; distance, 900 feet; excavation partially rock. Estimated cost:—

Pipe .....	\$480 00
Three 6-inch valves.....	60 00
One 6-inch 4-way branch.....	5 74
Lead and paint .....	6 00
Excavation and pipe laying .....	600 00
Nine service pipes .....	162 00
	\$1313 74

Interest on outlay at 5% .. . . . . \$65 68

I would recommend that the extension be made on the usual conditions in the high service, at a special rate of \$7.30.

F. W. W. DOANE, *City Engineer.*

Moved by Alderman Hayward, seconded by Alderman MacKenzie, that said reports be adopted. Motion passed.

Read reports Committee on Works and City Engineer re purchase of Doull property at Chain Lakes.

DOULL PROPERTY AT CHAIN LAKES.

CITY WORKS OFFICE, April 30th, 1907.

*To the City Council:*

GENTLEMEN.—At a meeting of the Committee on Works held this day the attached report of the City Engineer re purchase Doull Property at Chain Lakes for \$650.00 was read and recommended to Council for adoption.

R. T. MACILREITH, *Mayor and Chairman.*

CITY ENGINEER'S OFFICE, April 11th, 1907.

*His Worship the Mayor:*

SIR—The late John Doull owned about sixty acres of land in the vicinity of Chain Lakes which, in my opinion it is advisable that the City should own, being on the water shed of the Low Service lakes, and some portions of it abutting on the lake. I endeavored to make a bargain with Mr. Doull during his life time, for the purchase of the property, but he demanded two thousand (\$2,000) dollars, which I considered much too high a price. I have now obtained an offer from Mr. Hector MacInnes, one of the executors, offering to sell the land which is shewn on the accompanying plan for six hundred and fifty (\$650.00) dollars. I would respectfully recommend that the offer be accepted.

F. W. W. DOANE, *City Engineer.*

Moved by Alderman Taylor, seconded by Alderman Johnson, that said reports be adopted. Motion passed unanimously.

Read reports Committee on Works and City Engineer re sewer Yale and Yukon Streets.

## YALE AND YUKON STREETS SEWER.

CITY WORKS OFFICE, April 30th, 1907.

*To the City Council :*

GENTLEMEN,—At a meeting of the Committee on Works held this day the attached report of the City Engineer on a petition for Yale and Yukon Street sewer was read and recommended to Council for adoption.

R. T. MACILBREITH, *Mayor and Chairman.*

CITY ENGINEER'S OFFICE, April 26th, 1907.

*His Worship the Mayor :*

SIR,—I beg to report on the accompanying petition for a sewer on Yale and Yukon Streets.

These two streets are practically level, and it would be practicable to drain them either east or west. Draining west down Harvard Street to Quinpool Road the outlet must be at the Arm, which makes their construction in that direction out of the question at present. It is proposed when the official plan of that district is completed to have a cross street at the east end of the streets mentioned, but as there is no street there at present I would recommend that the consideration of this matter be deferred for the present.

F. W. W. DOANE, *City Engineer.*

Moved by Alderman Taylor, seconded by Alderman Johnson, that said reports be adopted. Motion passed.

Moved by Alderman Johnson, seconded by Alderman Hayward, that the order of business be suspended to allow the matter of the proposed establishment of a Children's Hospital to be taken up and that the delegation of gentlemen present interested in the subject be permitted to address the Council. Motion passed.

The following resolution is submitted :—

*Resolved*,—1. That the City offer to the persons or company establishing a hospital for children in the City of Halifax as a site therefor a lot of land of suitable size at the northeast corner of the grounds of the City Home.

2. That the sum of five thousand (\$5,000) dollars be borrowed by the City on debentures, and the proceeds given to such persons or company to be expended in the construction of the building for such hospital on condition that such persons or company provide the further sum of ten thousand (\$10,000) for that purpose, and the equipment of such building.

3. That hereafter the sum of five hundred (\$500.00) dollars be included in the yearly estimates and given to such persons or company for the maintenance and support of such hospital.

Moved by Alderman Murray, seconded by Alderman Johnson,

The Council is now addressed in support of the resolution by Mr. Justice Russell and Dr. E. D. Farrell.

The resolution is put and passed, 15 voting for the same and 2 against it, as follows :—

For the Resolution.

Aldermen Shaffner, Archibald,  
Halliday, Johnson, Murray,  
Powell, Taylor, Gastonguay,  
Douglas, Lamphier. Kelly,  
Campbell, Martin, MacKenzie,  
Hayward.—15.

Against it.

Aldermen Hubley,  
Hawkins.—2.

Read application of Silliker Car Company for permission to cross Almon Street with tracks of the Intercolonial Railway.

Moved by Alderman Johnson, seconded by Alderman Hayward, that the same be referred to the Committee on Works with instructions to grant the request. Motion passed.

Read report City Engineer re Tenders for removal of the Old Exhibition Building.

TENDERS FOR OLD EXHIBITION BUILDING.

CITY ENGINEER'S OFFICE, April 30th, 1907.

*His Worship the Mayor :*

SIR,—I have to-day received the following tenders for the purchase and removal of the Old Exhibition Building on Tower Road :—

H. Mc. Hart.....	\$101 00
John Mullane.....	65 00
W. McFatrige.....	55 00
Chas. Myette.....	1 00

I would recommend that the tender of Mr. Hart be accepted if the City has finally decided to dispose of the property.

If this recommendation is approved of it will be necessary to give the Lessee, Mr. John Mullane, notice that the lease is to be cancelled.

F. W. W. DOANE, *City Engineer.*

Moved by Alderman Murray, seconded by Alderman Douglas, that said report be referred to the Committee on Works with full power to act when the Church of England Cathedral Site Committee is ready to take the property over. Motion passed.

Read petitions (2) against permanent sidewalk, Tobin Street.

Moved by Alderman Murray, seconded by Alderman Halliday, that the same be filed. Motion passed.

Read report Coal Weighers for March. Filed.

Read letter Provincial Secretary re proposed grant by the City of a site for the Technical College.

APRIL 30TH, 1907

## TECHNICAL COLLEGE.

HALIFAX, 18th April, 1907.

L. FRED MONAGHAN, Esq., *City Clerk*,  
Halifax

SIR,—I am directed by the Provincial Secretary to acknowledge the receipt of your letter of this date informing him that at an informal meeting of the City Council held on the 17th inst. a resolution was unanimously adopted instructing the City Solicitor to prepare an Act to be submitted to the Legislature authorizing the City of Halifax to present to the Government of Nova Scotia a site for the proposed Technical College, if such College is established in the City of Halifax.

The Provincial Secretary notes that on account of the notice calling this meeting being shorter than that required by the Ordinance in that behalf the resolution contained the condition that it must be confirmed before becoming binding on the City by a two-thirds majority of the Council at a regularly called meeting.

FRED F. MATHERS,  
*Deputy-Provincial Secretary.*

Filed.

Read report Library Committee re accounts.

## LIBRARY ACCOUNTS.

CITY HALL, April 30th, 1907.

*The Mayor and Council:*

GENTLEMEN,—The Library Committee recommend the following accounts for payment:—

T. C. Allen & Co., \$10 55. Mutual Subscription Agency, \$5.06. Halifax Herald, \$6.00. School for the blind, \$1 80. Total, \$23.41.

WALTER C. MURRAY, *Chairman.*  
JAMES HALLIDAY,  
JOHN F. KELLY.

Moved by Alderman Murray, seconded by Alderman Kelly, that the report be adopted and the accounts paid. Motion passed.

Read letter City Health Board re spitting in public places.

## SPITTING ON SIDEWALKS.

OFFICE OF CITY HEALTH BOARD, April 29th, 1907.

*His Worship the Mayor and Members of the Police Commission:*

GENTLEMEN,—I am instructed by the City Health Board to ask your co-operation in their efforts to give effect to the by-law relating to spitting on the side walks and in public places.

It is the intention of the Board to provide small cards, similar to the one I enclose, and I am to ask you to order that the policemen to whom these cards will be supplied shall distribute them to all offenders as occasion demands.

JOHN A. WATTERS, *Secretary.*

Moved by Alderman Hawkins, seconded by Alderman Johnson, that the same be referred to the Police Commission. Motion passed.

Read letter Agent-General for Nova Scotia in London re inspection of Shand, Mason & Co. steam fire engine.

INSPECTION OF STEAM FIRE ENGINE

LONDON, 11th April, 1907.

L. FRED. MONAGHAN, Esq., *City Clerk*,  
Halifax, N. S.

DEAR SIR,—I am in receipt of your letter of the 26th ult., and note that the arrangements I have made with the London Fire Brigade meet with the approval of the City of Halifax, and I have conveyed to Captain DeHamilton your thanks for his courtesy in the matter.

I have communicated with Messrs. Shand & Mason as to when the engine will be ready for inspection, and they have replied to the effect that they will duly advise me on this matter.

Assuring you at all times of my hearty co-operation in any way that is in my power for the benefit of your City and Nova Scotia generally.

J. HOWARD.

Filed.

Read report Board of Fire Wards re repairs and improvements.

FIRE DEPARTMENT REPAIRS, ETC.

HALIFAX, N. S., April 22nd, 1907.

*His Worship the Mayor and City Council:*

GENTLEMEN,—The Committee of Fire Wards, at a meeting held this day, decided to recommend the following repairs and improvements:—

QUINPOOL ROAD ENGINE HOUSE.

Take down posts in centre of main floor, under ceiling stayed, three new stall doors and altering the large doors by putting in glass, and springs for all doors, putting in bath and water closets and heater for heating engine and bath room and engine house ..... \$430 00

Also painting exterior.

Also painting walls, apparatus floor, 2 coats, varnishing ceiling	}	.....\$ 98 00
Painting walls back and front halls, 3 coats,		
Whitewashing ceilings and halls,		
Painting walls Drivers' room, 3 coats,		
Whitewashing ceiling room,		

WEST STREET ENGINE HOUSE.

Library—Whitewashing ceiling, painting walls, 3 coats,	}	.....\$150 00
Sleeping apartments—Whitewashing ceiling, painting walls, 3 coats,		
Small hall, " " "		
Engineers' room, " " "		
Putting on springs and door openers .....		35 00
Oil cloth and furniture. ....		150 00

Also painting and repairing exterior.

## CENTRAL ENGINE HOUSE.

Upper hall—Whitewashing ceiling, papering wall, painting, graining and varnishing woodwork, whitewashing kitchen ceiling ..... \$40 00

## BEDFORD ROW HOUSE.

Sheathing and plastering, or metal sheathing ..... \$150 00

## SPRING GARDEN ROAD HOUSE.

Two new doors and casings, repairing floor and front sill, painting walls and whitewashing ceilings apparatus floor ..... \$300 00  
Also painting exterior.

## APPLIANCES, &amp;C.

Painting signs for fire alarm boxes .....	\$ 75 00
Six branch pipes with stop nozzles @ \$30.00 .....	180 00
Five branch holders " 50.00 .....	250 00
Two long handle wire cutters " 30.00 .....	60 00
Five hose jackets " 20.00 .....	100 00
Six axes " 2.50 .....	15 00
Six lanterns " 2.00 .....	12 00
Four fire extinguishers " 20.00 .....	80 00
Two rubber landing pads " 18.00 .....	36 00
Twelve colored lamp globes " 2.00 .....	24 00
Three saws " 3.00 .....	9 00
Blacksmith, Carpenter and Engineer tools .....	40 00

\$2,234 00

As the cost of some of the work, such as exterior woodwork, cannot be known until it is completed, it is understood that the foregoing recommendations are only to be carried out to the extent of the appropriation for the year, and with the concurrence of the Board of Firewards.

WM. R. POWELL, *Chairman.*

Moved by Alderman Powell, seconded by Alderman Taylor, that the report be adopted. Motion passed.

Read application of School Board for the payment of certain moneys.

## APPLICATION OF SCHOOL BOARD FOR MONEYS.

HALIFAX, N. S., April 30th, 1907.

*His Worship the Mayor :*

SIR,—I am directed to request that the City pay the Board the amount of \$30,682.47, being the amount due the Bank of British North America on this date, for remodelling Morris St. School (\$12,338.72,) and for advance on account of St. Patrick's Girl's High School, (\$18,343.75.)

R. J. WILSON, *Secretary.*

Laid over for consideration with the report of the Committee on Legislation.

Read applications from St. Mary's Young Men's T. A. & B. Society, Geo. E. Whittaker, J. B. Mills and A. S. Hart for licenses for moving picture entertainments.

Moved by Alderman Hubley, seconded by Alderman Johnson, that His Worship the Mayor be authorized to grant a temporary license to St. Mary's Young Men's Society if he considers the entertainment to be offered suitable. Motion passed.

His Worship the Mayor nominates as the special committee called for by resolution of Council passed April 4th to collect information and report on the present system of assessment: Aldermen Murray, Archibald, Douglas, Hubley, Martin and MacKenzie.

On motion said nominations are confirmed.

Read report special committee on legislation.

#### LEGISLATION 1907.

##### *To His Worship the Mayor and City Council :*

On behalf of the Committee appointed to look after legislation affecting the City, I beg leave to make the following report :—

First, in relation to the Bills which did not pass the Legislature.

The Bill to erect a water power plant to light the streets of the City was defeated. In 1896 the City secured the right by legislation to light the streets and buildings owned by the City. We had no need to go to the Legislature for any additional legislative, provided we used a steam plant. It was brought to the notice of the Council that sufficient water power could be secured in Halifax County to produce the energy required, hence the Bill.

It went through the Lower House, but in the Upper House they added an amendment whereby the City would be required to purchase the lighting part of the Tram Company's service. This was objected to by your Committee. They then changed it so that the amendment would read that the City would have to recompense the Tram Company for the loss of that business. Upon further representations they changed it again to read that the damages to the Tram Company would be settled by a Supreme Court Judge. It came back to the Lower House with this amendment to it. It was felt it would not be in the interests of the City to have it pass in that form, as we would jeopardize the rights we already have, so the County members were requested not to concur in the amendment of the Upper House. The result was that the bill was defeated.

The Town of Dartmouth endeavored to secure legislation to compel the City to pay into the County School Fund. This was the third attempt made by our neighbours to secure such legislation. If the Bill had passed there would be a yearly net loss to the City of about \$7,000.

There was a Bill introduced known as the "Sheep Protection Act," which required all incorporated towns and cities to pay into the Municipal Fund 15 per cent. of the gross receipts of all dog taxes collected in those cities or towns. This would have cost the City \$225 a year. On account of the amendment made in the Upper House, to which the Lower House would not concur, it went by the board.

There was another Bill introduced by certain parties of Dutch Village asking the re-opening of the land damages in connection with the South Western Railway. This Act requires considerable machinery to put it in force. They ruled out the names of all the petitioners excepting one, Mr. Patrick Kehoe. We induced the Legislature to add a condition that if Mr. Kehoe and the City came to terms that the Act would not come in force.

The Bill in relation to the taxation of the Academy of Music was thrown out; but under the new charter the City can charge as high as \$1,000 for a license for such an institution, and we will be able to recoup ourselves in this way.

The Bill authorizing the use of the Exhibition Grounds at other times than during exhibition dates was defeated.

The Bills which passed the Legislature are as follows:—

- (1) A Bill entitled an "Act to enable the City of Halifax to borrow money."
- (2) An Act in relation to the rebuilding of the Grand Stand on the grounds of the Provincial Exhibition Commission.
- (3) An Act to amend the Jury's Act as affecting the County of Halifax.
- (4) An Act in respect to certain claims for damages in connection with the Halifax and South Western Railroad (to which I referred above).
- (5) An Act to amend the Jury's Act.
- (6) An Act to provide a superannuation fund for the officials and employees of the Fire Department.
- (7) An Act in relation to the consolidated fund of the City of Halifax.
- (8) An Act to amend the Liquor License Act as relates to the City of Halifax.
- (9) A Bill entitled "An Act to amend the law relating to the City of Halifax."
- (10) An Act to authorize the City of Halifax to assist the Silliker Car Co., Ltd.
- (11) An Act in relation to Fires and Fire Wards.
- (12) An Act to amend the law relating to education in the City of Halifax.

It would take too long a report to deal with each Act in detail.

All the requests of the Council in No. 1 were carried out, and the following items are only to take effect upon a two-thirds vote of the Council, namely, the erection of a retaining wall at fresh-water, the erection of a new engine house on Grafton or Albe-marle Street, certain assistance to be given to the proposed Children's Hospital, the purchase or expropriation of sites for manufacturing purposes to the extent of \$15,000.

Bill No. 2 provides for the erection of a new grand stand at the Exhibition Grounds. The City is authorized to pay one-half of this, not exceeding \$5,000. The Exhibition Commission thought it desirable to build a grand stand with a steel frame. If this is carried out it will be necessary for both the City and the Province to spend about \$5,000 each in addition to the amount received for fire insurance.

No. 3. The Committee appointed to select Jurors has found it almost impossible to get a sufficient number on account of exemptions (35 in all) under the Act.

A number of exempted occupations have been cut out, among them being Justices of the Peace.

No. 5 The Commercial Travellers Association introduced a Bill which, I regret to say, went through, providing that commercial travellers who are active members of their Association are exempt from Jury duty.

No. 6. The Bill relating to the superannuation of employees of the Fire Department is familiar to all.

No. 7. Where the City is authorized to borrow a certain amount of money, say \$10,000, when they get less than par for their debentures, the City is authorized by two-thirds vote to issue a sufficient amount in debentures to produce the desired sum.

No. 8. It was not the desire of the Council to disturb the existing condition of the liquor business; but when it was drawn to the attention of your Committee that the number of licenses had to be decreased we sought to make the best arrangement possible. At one time it was very uncertain as to what action the Legislature would take in connection with the number of licenses. We made a proposition that the shops and hotels combined should not exceed 90. There is no reference whatever to the wholesale licenses and breweries. There are at present 7 wholesale and 3 brewery licenses issued, so that in the next year the total number, including these, will be 100. After 1911 there will only be one shop and hotel license for each 600 of the population; so that if we have 48,000 people in 1911, the licenses will be cut down to 80. I notice that the City of St. John this year has a total of 98 licenses.

On account of the large number of travellers who come into this City representing liquor houses, there is a new clause inserted in the Bill whereby they will have to pay \$200, and brokers who are residents in the City of Halifax will have to pay \$50 00. This will materially increase the revenue of the City. We can calculate next year on receiving at least \$35,000. This includes about \$2,000 from fines and fees and will be an increase of \$6,000 over our present estimates.

No. 9. Is our general Bill and contains a great number of important points, the chief of which are as follows:—

The City is authorized to appoint an assistant detective.

The junk dealers' licenses are increased from \$40 to \$100.

Provision is made for payment of the paving in five instalments.

The Council is authorized to pave any street without securing a petition.

The City Poors' Asylum is to be known as the "City Home."

The Fire Department of the City has the right-of-way on the streets.

Nine Commissioners are hereafter to manage the Citizen's Free Library.

The City is empowered to give a building in exchange for the fuel yard property, and also the extension of Brunswick Street.

The City is authorized to superannuate two of the Assessors; and if new Assessors are appointed with increased salaries, it will require two-thirds vote to give the increased salaries.

By two-thirds vote the City can give to the Government a site for the School Technology.

Certain regulations prepared by the Board of Health as to the sanitary condition of buildings, and the erection of dwellings in unsuitable places, appear in this Bill. The Health Board of the City of Halifax shall hereafter consist of six members—four appointed by the Council and two by the Government. The existing Board shall go out of existence on May 1st. The members who are at present appointed by the Government shall not be eligible for reappointment for three years. The Board is to be appointed annually, and are eligible for reappointment for three years in all. At the end of that period they will not be eligible for three years.

No. 11. This bill provides that investigations into the origin of fires shall be held by a County Court Judge or a Stipendiary Magistrate.

No. 10. The only change made in the Silliker Bill is that the clause respecting the remuneration of the Auditor is cut out.

No. 12. The Education Act. Your Committee discovered a Bill before the Legislature in relation to education. This was not passed on by the Council. A number of its conditions were contained in our general Bill. The present Bill is an amalgamation of two Bills, namely, the one prepared by the City and the one prepared by the School Board. The principle change brought about by this Bill is that hereafter when the School Board wishes to issue debentures for any extraordinary expenditure they

shall notify the Governor-in-Council. The Governor-in-Council will notify the City Council to appear before them. If the request of the School Board is approved, the Governor-in-Council will instruct the City Council to issue debentures in accordance with our Consolidated Fund Act.

The existing debentures issued by the School Board, on which the credit of this City is pledged up to April 30, 1906, is \$336,100. They all mature 25 years from the date of issue. Unfortunately, a sinking fund was not created by the School Board until very recently, so at the present time the total amount is only about \$15,000.

On July 1, 1911,	\$64,600	will mature.
In 1915,	37,000	"
In 1917,	135,000	"
In 1926,	21,000	"
In 1928,	48,500	"
In 1929,	30,000	"

So that in 1911, when \$64,600 matures, by carrying out the existing method of the School Board as to a sinking fund, there will only be available about \$30,000 to pay it. These, of course, will have to be re-issued, as the amount of the sinking fund at that time will be far below what should be on hand for the balance of the debentures. As other debentures have to be issued within a short time for St. Patrick's new school and improvement of Morris Street, the total amount of outstanding debentures will be about \$400,000. When the City issues new debentures they will of course create the proper sinking fund for them in addition to following out the present practice of the School Board of adding one per cent. of the outstanding indebtedness to the estimates for sinking fund on the old debentures. If the School Board had created a proper sinking fund for their debentures, that is, a sufficient sum to wipe them out at maturity, the amount required from the City to meet the cost of schools would be very much increased; and when the proper sinking fund is created on the debentures about to be issued the citizens may expect next year the estimates for school purposes will be much in advance of the estimates for the present year.

I do not make these remarks as in any way reflecting on the present Board; but when the loan of \$64,600 was made in 1886, and which will mature in 1911, the proper sinking fund should have been created so that in 1911 there would be \$64,600 with which to meet it. The same argument applies to the loans made in subsequent years.

The proper sinking fund required on a 4% basis is \$8,069.71 and if such sinking fund had been created as the outstanding debenture were issued, said fund would now amount to \$150,162.00 instead of \$15,000 as at present.

The new school debentures to be issued this year amount to \$54,338. They will be issued for 33 years. The sinking fund on a 3% basis is \$900.40 to which add \$2,173.52 in interest, which will add to the appropriation from this item alone \$3,073.92.

I may state that your Committee was materially assisted by the City Solicitor, the Mayor, Alderman Murray and the County members.

J. A. JOHNSON, *Chairman.*

Moved by Alderman Murray, seconded by Alderman Powell, that the thanks of this Council be tendered the special committee on legislation for the valuable services rendered by them during the recent session of the legislature. Motion passed unanimously.

His Worship the Mayor tendered the thanks of the Council to Chairman Johnson and Members of the Committee.

The Committee's report was ordered to be printed in the Minutes.

#### QUESTIONS BY MEMBERS.

Alderman Hubley asked if it was not possible for the Works

Department to clean and sprinkle the streets during the month of April and if the special fund of \$5000.00 could be used for that purpose.

His Worship the Mayor stated that the Streets Appropriation was too small to permit of carrying any of it over to do this work in April and that the special fund referred to is for the purchase of broken stone.

#### MOTIONS BY MEMBERS.

Alderman Johnson submits the following resolution :

*Resolved*, That the City pave the streets and portions of the streets following.

1. Bedford Row.
2. Pleasant St., from Spring Garden Road to South Street.
3. Hollis St., from Salter to Morris St.
4. Morris St., from Hollis to Pleasant St.
5. Lockman St. from Hurd St., to the north side of the King Edward Hotel.
6. Gottington St., from Cogswell St. to Cornwallis St., and from Cunard St. to Gerrish St.

*And further resolved*, That the Committee on Works advertise for tenders for the execution of the work aforesaid.

Moved by Alderman Johnson, seconded by Alderman Martin, and passed, Alderman Hubley dissenting.

The following resolution is submitted :—

*Resolved*, That the Board of Works be authorized to place a concrete sidewalk, curb and gutter on the north side of Bell St., between Barrington and Water Sts., under the Permanent Sidewalk Act.

Moved by Alderman Douglas, seconded by Alderman Gastonguay and passed.

The following resolution is introduced :—

*Resolved*. That W. George Wiswell be appointed an appraiser on behalf of the City to appraise the value of

- (a) The property requisite for the extension of Charles Street to Gottingen Street ; and
- (b) The properties situated at Africville.
- (c) The land requisite for the widening of Coburg Road and Robie Street.

Moved by Alderman Campbell, seconded by Alderman Martin, and passed unanimously.

The following is next submitted :

*Resolved*, That the City acquire by purchase or expropriation the property known as the Hennessey property on Young Street and convey the same to the W. P. McNeil Company, at present, of New Glasgow, provided that that Company establish its works on such site; and further provided that the conveyance shall contain provisions, that the site shall be continuously used for manufacturing purposes

Moved by Alderman MacKenzie and seconded by Alderman Martin.

Alderman Johnson submitted a telegram from W. P. McNeil & Co., stating they would accept such an offer.

The resolution is put and passed unanimously.

The following resolution is submitted:—

*Resolved*, That the City purchase the triangular lot of land the property of the estate of Wm. H. Longard, situated at the intersection of Longard Street and the Lady Hammond Road, for the sum of three hundred and fifty dollars (\$350.00).

Moved by Alderman Hawkins, seconded by Alderman Hayward and passed.

The following resolution is submitted:

*Resolved*, That the City purchase the property known as the Stayner's Wharf for the sum of thirteen thousand (\$13,000.00) dollars.

Moved by Alderman Taylor, seconded by Alderman Douglas and passed, 13 voting for and 3 against the same on a show of hands.

Alderman Johnson submits the following resolution:—

*Resolved*, That the City offer to the Government of Nova Scotia as a site for the Technical College proposed to be established under the Act of the recent session of the Legislature the block of land bounded on the south by Morris Street Boulevard, on the west by Carleton Street, on the north by College Street, and on the east by Summer Street, if such site is satisfactory to the Government, and if not satisfactory that the Committee on Works be authorized to confer with the Government respecting a suitable site and to report to this Council.

Moved by Alderman Johnson seconded by Alderman Archibald and passed unanimously.

Moved by Alderman Powell, seconded by Alderman Johnson, that No. 9 on the Order of the Day be now taken up. Motion passed.

Read No. 9, viz: Report Committee of Fire Wards (Clause 3) re amalgamation of Grafton Street and Central engine houses.

Moved by Alderman Powell; seconded by Alderman Taylor, that said clause 3 be adopted. Motion passed, Alderman Hubley dissenting.

The following resolution is submitted:—

*Resolved*, That the Committee on Works be instructed to prepare plans and take tenders for the construction of the addition required to the Central engine house.

Moved by Alderman Powell, seconded by Alderman Taylor, and passed, Alderman Hubley dissenting.

Alderman Johnson submits the following resolution :—

*Whereas*, The City requires the property known as the Hennessey property on Young St for the widening of that street and for the purpose of aiding new manufacturing industries in the City.

*Therefore resolved*, That the City Engineer be instructed and authorized to offer the owners of that property a sum not exceeding \$10,000.00 for the same.

Moved by Alderman Johnson, seconded by Alderman Martin, and passed unanimously.

Moved by Alderman Taylor, seconded by Alderman Martin, that the Council adjourn. Motion passed.

Council adjourns 12.00 o'clock.

*John H. Hennessey*

MINUTES

OF THE

CITY COUNCIL

OF THE

CITY OF HALIFAX,

NOVA SCOTIA,

FOR THE CIVIC YEAR

1907-8.