EXPENDITURE: SALARIES

\$3,400.00 Passed Item. - Deputy City Engineer 2,200,00 " Clerk of Works 850.00 " Asst. Clark of Works $(\frac{1}{2})$ Superintendent. 2,000.00

Moved by Alderman Drysdale, seconded by Alderman Shannon that the salary of the Superintendent of the Water Department be increased to \$2,200.00. Motion put and passed, 10 voting for the same and 4 against it as follows:

FOR THE MOTION

AGAINST IT

Alderman Power Alderman Shannon Robertson Mitchell Smeltzer Smith Robinson Gastonguay McCarthy Rains Ryan Corbin -4-O'Toole Drysdale- 10

~1,144.00 passed Item Stenographer 1,500.00 Ledger Keeper 1,500.00

Read letter of Daniel E. Carroll, Ledger Keeper asking for an increase to his salary.

Moved by Alderman Mitchell, seconded by Alderman Drysdale that the salary of the two Ledger Keepers- Mr. Daniel E. Carroll and Mr. W. H. Phillips be increased \$200.00 each to \$1,700.00

Motion put and passed 10 voting for the same and four against it as follows:-

FOR THE MOTION

AGAINST IT

Alderman Smith Alderman Shannon Power Mitchell Roberts Gastonguay Robinso McCarthy Ryan

Rains Corbin O'Toole Drysdale Smeltzer- 10

-4-

Read application from the six Meter Readers for an increase to their salaries.

City Works Office, Halifax, N.S.Apr.12-28

METER READERS-SALARY

His Worship the Mayor, and City Council.

Sirs:-

Attached hereto is application from six meter readers for an increase in salary.

The Works Committee at a meeting held this day decided to recommend to Council that the said salaries be increased by \$100,00 each over and above the restoration and that the Water Department Estimates be amended accordingly.

Respectfully submitted

M.A. Hunter CLERK OF WORKS

Halifax, N.S. Apr.10 1928

His Worship the Mayor, and Members of the City Heard of Works

Gentlemen: -

We the under signed, Meter Readers beg leave to ask your Honorable Board for an increase of pay owing to the high cost of living.

Hoping to receive a favorable reply,

we remain.

Yours respectfully,
Sgd. Robert T.Clancey
J.Barnstead
R.J.McArthy
Davies Colquhoun
M.P.O'Toole
M. Hughes.

Moved by Alderman O'Toole seconded by Alderman Shannon that the salaries of the six Meter Readers be increased \$100.00 each to \$1,500.00 and that the item as amended \$9,900.00 be adopted. Motion passed.

Item. Audit Clerks (3) 500.00

Read applications of M.L. Bellew, $T \cdot G \cdot Murphy$ and T.A. Shields for an additional increase to their salaries.

Moved by Alderman Smeltzer, seconded by Alderman Mitchell that the report of the Committee on Works in respect to these items be adomted.

Moved in amendment by Alderman Ryan, seconded by Alderman Rains that the item Audit Clerks be increased \$100.00 each making the appropriation for these officials \$900.00.

Amendment put and passed 5 voting for the same and 6 against it as follows:

FOR THE AMENDMENT

AGAINST IT

		500	
Alderman	Shannon	Aldernan	Mitchell
	Gastonguay		Smith
	McCarthy		Power
	Rains		Robertson
	Ryan		Smeltzer
	Corbin		Robinson-
	O'Toole		
	Drysdale-8-		-6-

Item	- WAGES Material & Supplies	\$35,400.00	Passe
	General Expenses	5,000,00	
	Int. on Funded Debt.	107,652.54	
	Sinking Fund	21,103.20	11
	Interest on Bank Loan		
	Depreciation and		
	renewal	23,900.00	

Moved by Alderman Shannon, seconded by Alderman Drysdale that the Estimates of the Halifax Vater Works of expenditures as amended amounting to \$234,369.74 be now adopted as a whole. Motion passed.

Aldermen Power, Robertson and Robinson dissenting.

HALIFAX WATERWORKS

ESTIMATED RECEIPTS AND EXPENDITURES 1928-29

AS DISSED BY THE CITY COUNCIL AT A MEETING HELD ON

THE 12th APRIL 1928

Renorda	REVENUE		
ITEM	Estimated for 1927-	l -28 Actual 1927	Estimated for 1928-29
Meter Rates Meter Rentals Gov't. Premises Rates Bond Rates Fire Protection Rates Miscellaneous	\$122,000.00 5,200.00 24,700.00 7,000.00 75,000.00 800.00	\$117,939.42 5,222.83 25,723.98 7,380.45 77,631.51 1,006.81	\$121,000.00 5,200.00 25,000.00 7,400.00 77,000.00
Total	\$234,700.00	\$234,905.00	\$236,600.00
Less Estimated Dis- counts	4,600.00	3,753.38	3,600.00
Total Estimated Receip	ts \$230,100.00 EXPENDITUR	\$231,151.62	\$233,000.00
Salaries: Deputy City Engineer Clerk of Works Ass't Clerk of Works (Superintendant. Stenographer Ledger Keeper " Entry Clerk Cashier (half) Collector. Asst.Eng. Part) Plumbing Ensp. (half) Heter Readers - six Auditor's Clerks 3 @ 2	2,675.15 1,980.00 1,980.00 1,800.00 1,086.80 1,500.00 1,500.00 1,330.00 600.00 1,140.00 1,620.00 1,000.00 7,980.00	\$3,000.00 1,980.00 752.76 1,800.00 1,086.80 1,500.00 1,500.00 1,307.64 600.00 1,140.00 1,620.00 1,000.00 7,980.00	\$3,400.00 2,200.00 850.00 2,300.00 1,144.00 1,700.00 1,700.00 1,500.00 1,200.00 1,200.00 1,200.00 9,000.00 900.00

Calcium Ch	Estimated for 1927-28	S Actual 1927	Estimated for 1928-29
Forward:	\$24,976.95	\$25,267.20	\$29314.00
Wages. Materials & Supplies General Expense	34,500.00 6,000.00 5,000.00	33,946.04 6,515.10 4, 5 76.40	35,400.00 6,000.00 5,000.00
mail since	\$45,500.00	\$45,637.54	\$46,400.00
Interest on Funded Debt. Sinking Fund Interest on Bank Loan	\$107,551.70 21, 034.68 5,700.00	\$107,551.70 21,034.68 9,000.00	\$ 107,652.54 21,103.20 6,000.00
Depreciation and Renewals	25,000.00 \$159,286.38	13,836.38 \$151, 5 22.76	23,900.00 \$158,655.74
TOTALS	\$232,013.33	\$222,327.50	\$234,369.74

WORKS DEPARTMENT- TENDERS FOR SUPPLIES

Read report of the Committee on Works and City Engineer covering tenders for supplies for the Works Department for the Civic Year 1928-29:

City Engineer's Office, Halifax, N.S., Apri. 12th, 1928

His Worship the Mayor,

Sir:-

I beg to report on the tenders received for supplies required by the Works Department for the ensuing year:

CRUSHED STONE	2 10 3	SIZE	PRICE	
Fairview Crushed Stone Co.Ltd.	No.	1 2	\$2.75 per cu y	đ
		3 4 5	3.75 " 3.75 "	

These prices are for delivery anywhere within the City limits.

This was the only tender received The prices are practically the same as last year.

It is recommended that the contract be awarded to the Fárrview Crushed Stone Company, Ltd.

Calcium Chloride	Brand	Car load		s than load lo	ts
Brantford Carrit	te United Alkali	Co \$33 00	ton	\$35.00	Ton
Frank A.Gillis		ations :			
Co.Ltd. Wm.Stairs Son &	Solvay	34.58	"	38.58	11
Morrow Ltd.	Dowflake	37.30	tt .	42.00	tt

The tender of the Brantford Garritte Co., Limited is the lowest and is recommended for acceptance.

SCRAP METAL, PURCHASE OF

(Sontinued) Gas; 011 etc

Joseph Simon Scrap Iron \$12.25 per ton Brass 125.00 " "

This was the only tender received and the prices are considered low. It is recommended that for the present the scrap be not sold

GASOLINE, OILS ETC

Item	Imp.Oil Co.Ltd.	Canadian Oil Co.	
Kerosene Oil	Royalite (3) Now24	Silver Light (3)	nov.24
Gasoline	Ethyl (3) now. 26½	Red Seal (3)	now 22½
for Notor Dil o Limited and the Dil Sc. Dtd.	Premier (3) Now .22½ U.S.Navy (3)	White Rose (3)	Now 25½
Engine Oil	•34	Sterling Red(1)	•37
& Ban Limited, H	Junior Red (1) .36 Atlantic Red (1) .37		
Cylinder Oil	Dominion (1) $.57\frac{1}{4}$	Perfection (1)	.61 <u>1</u>
Cup Grease	Polarine In bbls .078	Enarco 25# tins	. 11
Motor Oil	Imp Med.& heavy (1) .44½ Polarine (1).65.		.60
Porage	Polarine (1).65 Mobiloil (1).84½ Marvelube .743		69½
Machine Oil	Royal Castor		.37
Transmission Grease	in bbls $08\frac{1}{2}$	- 12 40	.11 1

Item	Imp.Oil Co.Ltd	. Canadi	an Oil Co.
Transmission Grease		National	1 ,09
Axle Grease	Mica in bbls Bark Diamond	.06½ (Black B05.3/4tins.).	eauty
Item K.	.C.Irving Ltd.	Brantford Mc	Coll Bros Ltd
Keresene Oil Gasoline Engine Oil	Primrose lowest	Sun Oil Co37	
Cylinder Oil	- 12	Mascot $72\frac{1}{2}$	Engine .36 No.1 Steam(1) 57½
Cup Grease Motor Oil	Ioka Med. 56 Ioka Hvy.53 3/4 Velco H or M .894	Sunoco LM .82	Vesta 081
Machine Oil	ou m utu dimbel o 2 notusa dan 1 st	olime pris jo 160 la lacino	No.1 Machine
ransmission rease	roeg om therough hallog log of en en erieferher	Sunoil(2) .08	Red Indian Gearfife .09
xle Grease			Lardine .06

¹⁾ Bbls.additional returnable at price charged 2) In a 500 lb. barrel

It is recommended that the contract for Motor Oil and Machine Oil be awarded to McColl Bros., Limited and the balance of the materials to the Imperial Oil Co.Ltd.

CASTINGS

Cleming Bros.

Schedule Rates

A tender with the firm name of Hillis & Son Limited, stamped on the envelope was received more than half an hour after the advertised time and was not opened by the Committee.

The prices in the tender of Fleming Bros., compare favorably with last year's and it is recommended that the contract for Castings be awarded to this firm.

Forage	S.C	. Tho	mpson	Scotia	Flour o.Ltd	& Feed
No.1 Feed Oats.	.93	Per	Bus	.93	½ per	bushel
No.1 Timothy Hay	18.50	per	ton	19.75	- 11	Ton
Ontario Wheat Bran	45.00	u	11	44.00	tf .	11
Crushed Feed	58.00	11	.11	49.00	11)1
Straw	16.00	11	H	16.00	ſſ	!!
Middlings	54.00	11	11	50.00	11	17

³⁾ Lowest market price date of delivery.

The tender of S.C. Thompson is the lower and is recommended for acceptance.

Sand and Gravel on	Sand Wharf R	y.Siding	Gravel on Wharf	Ry. Siding
Husgrave Lumber Co. Ltd.Sambro or E.Passage	1.29c.y.		1.46 c	. y. –
Brookfield Bro.Ltd. Drake Passage Gravel Screened	1.30 "	1.90c.y.	1.50 "	2.20
Ralph W.Hendry Eastern Passage Lawrencetown Sand	1.25 "	aa =	1.65 "	-
& Gravel Co. Lawrencetown Beach Terminal Beach		1.09 ton 1.49 "	- -	1.29

It will be noticed that the last mentioned tender gives a price per ton instead of cubic yard, the \$1.09 for sand is equivalent to \$1.36 per cubic yard and the \$1.29 for gravel is equal to about 1.68 per yard.

Last year the contract for sand was let to the Lawrencetown Sand and Gravel Co.Ltd., for the Terminal Beach material which was particularly suitable for use in connection with street oiling. This year R.W. Hendry tenders on a coarse sand which is claimed to be equally as satisfactory as the sand used last year. It is recommended that a load of this material be purchased and if the proves satisfactory and suitable, that the contract for the seasons requirements be awarded to Ralph W. Hendry, but if not that the sand be obtained from the Lawrencetown Sand and Gravel Co.Ltd., It is recommended that the contract for gravel be awarded to the Musgrave Lumber Co., Ltd., the lowest tenderer

ROAD OILS, TARS AND ASPHALTS

	Brantí Co.Lt		ritte Barrett Co.Ltd	
Asphalt Pure Mexican	ı .ll½ p	er gal.	_	_
Tar Carco	.17 "	-11	-	-
" Rotar B.	_		_	.189
" Rotar X			_	197
" Tarvia B	rior For		.189	
" Specification	n .17	u n	-	_
" Specification Road Oil Pure Mexical Cold Parts North	$n, 11\frac{1}{2}$	11 11	isa nga T e ng	-
Cold Patch Asphalt	11 70	mam bbl		
Carload Lots Asphalt L.C. Tar Carload			ras trou l le int	= ,,,
Lots	11.70	11	12 40 bbl	12.40 bbl
Tar L.C.L.	11.70	11	14.20 "	
Credit for empty				
barnols	1.00	tt	.50 "	.50 "

The tender of the Brantford Carritte Co., Ltd. is the lowest for every item. Last year this firm's tender fo tar was the lowest but the sample submitted did not comply with the specification and tar was purchased from the other tenderers. The Company states that it is prepared to upply tar in accordance with the specifications and it is

recommended that the contract for the various materials mentioned be awarded to the Brantford Carritte Co.Ltd., the lovest tenderer.

It may be mentioned that a letter was received from the Manager of the Imperial Oil, Ltd., in which he stated that as their road department had not yet made up their prices for the coming year he was unable to submit a tender but expected to be able to do so before 11 a.m. on Saturday the 14th inst.

STEEL STORAGE TANK FOR ROAD TARS

W.H. Noonan	\$874.00	Shipment	in 9	weeks
Horton Steel Wks Ltd.	915.00	11 11	. 2	11
W.H. Noonan	934.00	- 11 11	5	11
R.R. Power	938.00	11 11	3	11
Wm. Stairs Son & Morrot	7 1040.00			

These tenders are for a Steel Tank of a capacity of 10,000 gallons fitted with heating coils for storage of road oils, tars etc. With a season such as we had last year this tank is necessary. Owing to the wet weather and lack of storage capacity the work was badly delayed and a considerable amount paid for demurrage.

Mr. Noonan telephones me he can guarantee delivery before the first day of June. He is the lowest tender and it is recommended that the contract be awarded to him for \$874.00

Respectfully submitted

H.W.Johnston CITY ENGINEER

City Works Office, Halifax, N.S. Apr.12-28

Tenders for Supplies

His Worship the Mayor and City Council.

Sirs:-

Attached hereto is report of City Engineer on tenders for supplies for the civic year 1925-29.

The Works Committee recommend that the several recommendations contained in said report be adopted with the exception that the contract for tar products be awarded to Alexander Murray Co.Ltd in view of the fact that samples submitted last year by the Brantford Carritte Company Limited, did not comply with the specification.

Respectfully submitted
M.A.Hunter
CLERK OF WORKS

Moved by Alderman Shannon, seconded by Alderman Robinson that the report be adopted.

His Worship the Mayor submits and reads letter of the Imperial Oil Company in reference to the tender for Asphalt Products.

English report is put and passed. Alderman Shannon's motion to adopt the

WORKS DEPARTMENT- PURCHASE OF AUTOMOBILE

Read report Committee on Works and City Engineer recommending the purchase of a Studebaker Victoria Motor Car to replace the one now in use by the City Engineer:

> City Engineer's Office, Halifax, N.S., April, 11th, 1928

His Worship the Mayor.

Sir:-

The McLaughlin Touring car at present used by the City Engineer was purchased by the City over nine years ago and has been in continuous use every since. It has outlived its usefulness and it will be the part of economy to replace it. To put it in a proper state of repair would cost over \$500.00 and then it would still be a ten year old car.

It is recommended that another car be purchased, the money to be taken part from available unexpended balances of the Works Department Estimates for 1927-28, and part from Water Maintenance revenue.

Respectfully submitted,

H. W. Johnston, CITY ENGINEER.

CITY WORKS OFFICE Halifax, N.S. Apr. 12th, 1928

His Worship the Mayor, and Members of City Council,

Sirs:-

At a meeting of the Works Committee held this day the attached report of the City Engineer recommending that a new car be purchased to replace the one now in use was approved.

It was decided to recommend to the City Council that a Studebaker Victoria car be purchased at a new cost of \$1700.00.

Respectfully submitted,

M.A.Hunter CLERK OF WORKS

Moved by Alderman Shannon, seconded by Alderman Drysdale that the report be adopted. Motion passed, Alderman Power and Robertson dissenting.

MAXWELL PROPERTY, FAIRVIEW PARTICL RELEASE OF JUDGEMENT

Read report of the Committee on Works requesting a partial release of the judgment held by the City of Halifax on property of Edward Maxwell at Fairview outside the City limits:

City Works Office, April 12-28

Maxwell Property Fairview Partial release of Judgment

His Worship the Mayor and City Council.

Sirs :-

At a meeting of the Works Committee held April 4th inst., it was decided to recommend that a partial release be given from judgmentheld by the City against Edward Maxwell on property at Fairview outside the City limits, said release to cover a certain portion of the land where it is proposed to erect a service static The proposed release is attached hereto.

Respectfully submitted
M.A.Humter
CLERK OF WORKS

Moved by Alderman Shannon, seconded by Alderman Robertson that the report be adopted. Motion passed.

HARVARD STREET-ACCEPTANCE OF STREET

Read report of the Committee on Works and
City Engineer recommending that the City grade and take
over Harvard Street:
-705-

andilor

Enginer A

Moved by Alderman Rains, seconded by Alderman Ryan that the report be adopted. Motion passed unanimously.

WATT STREET EXTENSION

Read report of the Committee on Works recommending the purchase of a lot of land belonging to the Estate of F.C. Stevens for the extension of Watt Street. 2 " 1 " For 8

Alderman Power requests that as his property adjoined the property in question that he be permitted to retire from the Council while the question was being considered. The request was granted.

> Clerk of Work's Office, April 11th, 1928

The City Council.

Gentlemen: -

The Works Committee recommend the purchase by the City of land belonging to the estate of F.C. Stevens to complete Watt Street, for the sum of Five Hundred and Twenty-seven dollars and fifty -six cents (\$527.56)

Respectfully submitted,

M.A. Hunter CLERK OF WORKS

Moved by Alderman Smith, seconded by Alderman Shannon that the report of the Committee on Works be adopted.

Moved in amendment by Alderman Drysdale seconded by Alderman O'Toole that the report be referred back to the Committee on Works for further consideration and report.

Amendment put and passed nine voting for the same and three against it as follows:

FOR THE AMENDMENT Alderman Tobin Gastonguay Ryan Corbi n O'Toole Drysdale

Robertson

Smeltzer- 9

GAINST IT Alderman Shannon Smith Robinson

-707-

DUASE FERRY LANDING-FOOT SOUTH STREET

Read report of the Committee on Works and City Engineer recommending a renewal of the lease of the boat landing at the foot of South Street on the North West Arm until the 30th day of April 1929:

City Engineer's Office,
Halifax, N.S.
April 4th, 1928

South Street Ferry License

His Worship the Mayor.

Sir:-

I beg to report on the application of Wm.Robinson for a renewal of the lease of a boat landing on the North West Arm at South Street, that a report is being made recommending the adoption of an Ordinance dealing with these ferry privileges. In the meantime it is recommended that Mr. Robinson's lease be extended for one year untilthe 30th of April 1929, at a rental of \$10.00 for the year.

Respectfully submitted,

H. W. Johnston, CITY ENGINEER

City Works Office,
Halifax, N.S.
April 12th, 1928

South Street- Ferry License

Mis Worship the Mayor and Sity Council.

Sirsi-

Attached hereto is the report of the City Engineer on application of Wm. Robinson for renewal of lase of boat landing on the North West Arm at South Street,

At a meeting of the Works Committee held on the 11th instant said report was approved and it was decided to recommend to Council that Mr. Robinson's lease be extended for one year until the 30th day or April 1929; at a rental of \$10.00 per year.

Respectfully submitted,

M.A.Hunter CLERK OF WORKS Chief for Mo

Moved by Alderman Smith, seconded

by Alderman Robinson that the report be adopted. Motion passed.

WATER METER BILL- No.25-27 Market Street 10-30 Grafton Street

Read report of the Committee on Works and City Engineer re Water Meter bill 25-27 Market Street , and 10 and 30 Grafton Street:

City Works Office, Halifax, N.S., March 30th 1928

His Worship the Mayor and City Council.

Sirs:-

Attached hereto is report of City Engineer on Water accounts premises 25-27 Market Street and 10-30 Grafton Street

The Works Committee recommends that the following reductions be made for the half year ending April 1927.

# $10-10\frac{1}{2}$ Grafton St- to be reduced to	\$24.20	\$10.00
11 Grafton St. to be reduced to-	20.50	10.50
20-22 Grafton St. to be reduced to-	86.05	11.05
30 Grafton St. to be reduced to-	24.28	8.28

Provided all arrears including pre lien are paid.

Respectfully submitted
M.A.Hunter
CLERK OF WORKS

(Report of the City Engineer

on file)

Moved by Alderman Smith, seconded

on Works be adopted. Motion passed.

-709-

Water Meter Bill No. 31-35 Almon Street

Read report of the Committee on

Works and City Engineer re Water Meter Bill 31-35 Almon Street:-

City Works Office, Halifax, N.S., March 30-28

His Worship the Mayor and City Council.

Sirs:-

Attached hereto is report of City Engineer on Water Bill 31-33 Almon Street.

The Works Committee recommends that the consumption shown at said premises February 3rd, 1928, 65,100 gallons, March 6th, 93,600 and March 24th, 26,700 gallons, be reduced by 125,000 gallons, providing all arrears including pre lien are paid.

> Respectfully submitted M. A. Hunter CLERK OF WORKS

(Report of the City Engineer

on file

Moved by . Jerman Smith,

seconded by Alderman Robinson that the report of the ' Committee on Works be adopted. Motion passed.

WATER METER BILL 162 GRANVILLE STREET

Read report of the Committee

on Works and City Engineer re Water Meter Bill 162 Granville Street:

> City Work 's Office, March 26-28

His Worship the Mayor and City Council.

Sirs:- The Works Committee recommends that the attached report of the City Engineer be

Apri 1 12th, 1928

adopt ed and that Water consumption shown January 1928, at premises 162 Granville Street be reduced to 1,000 gallons and the bill made up accordingly.

Yours truly,

M. A. Hunter CLERK OF WORKS

(Report of City Engineer

on file)

Moved by Alderman Smith, seconded by Alderman Robinson that the report of the Committee on Works be adopted. Motion passed.

WATER METER BILL 108 HOLLIS STREET

Read reports Committee on Works and City Engineer re Water Meter Bill 108 Hollis Street:

> City Works Office, April 11th, 1928

108 Hollis St-Water Acct.

The City Council.

Gentlemen: -

The Works Committee recommend that the Water consumption at premises 108 Hollis Street for six months ending Oct. 1927, viz- 287,600 gals., be reduced by 250,000 gals., provided arrears, including pre-lien are paid.

Report of City Engineer on said account attached hereto.

> Respectfully submitted, M. A. Hunter CLERK OF WORKS

(Report of City Engineer on

file)

Moved by Alderman Smith, seconded Course of Works be adopted. Motion passed by Alderman Robinson that the report of the Committee

WATER METER BILL 152 GRAFTON STREET

Read reports Committee on Works and City Engineer re Water Meter Bill 152 Grafton Street:

City Works Office, April 11,1928

The City Council.

Gentlemen: -

The Works Committee recommend that the consumption shown at premises 152 Grafton St., Oct. 15th 1927 viz 246,800 gals., be reduced by one-half, provided arrears, including pre lien, are paid.

Report of City Engineer attached hereto

Respectfully submitted,

M.A.Hunter CLERK OF WORKS

(Report of the City Engineer on

file)

Moved by Alderman Smith, seconded by Alderman Robinson that the report of the Committee on Works be adopted. Motion passed.

counter por Ro

WATER METER BILL 39 COLUMBUS STREET

Read reports Committee on Works and City Engineer re Water Meter Bill 39 Columbus Street:

City Works Office, Halifax, N.S. Apr. 10th

The City Council.

Gentlemen: -

The Works Committee recommend that the attached report of the City Engineer be adopted and that the monthly sonsumption at 39 Columbus Street for February and March 1928 be taken at three hundred gallons per month and the bill made up accordingly, all errears including pre lien to be paid.

Respectfully submitted
M.A. Hunter
CLERK OF WORKS

(Report of City Engineer on

file)

Moved by Alderman Smith, seconded by Alderman Robinson that the report of the Committee on Works be adopted. Motion passed.

WATER METER BILL 72 AGRICOLA STREET

Read report of the Committee on Works and City Engineer re Water Meter Bill 72 Agricola Street:-

> City Works Office, Halifax, N.S., Apr.12-28

His Worship the Mayor and City Council.

Sirs:-

Attached hereto is report of the City Engineer on Water Account premises # 72 Agricola Street.

At a meeting of the Works Committee held on the 12th inst., it was decided to recommend to Council that the consumption shown February 17th and March 21st 1928, be reduced to 5,000 gallons for each month.

Respectfully submitted,

M.A. Hunter CLERK OF WORKS

(Report of City Engineer on file)

Moved by Alderman Smith, seconded

on Works be adopted. Motion passed. by Alderman Robinson that the report of the Committee

WATER METER BILL 231 BRUNSWICK STREET

Read reports Committee on Works and City Engineer re Water Meter Bill 231 Brunswick Street:

City Works Office, Halifax, N.S. Apr.12th, 1928

231 Brunswick Street-Water Acct.

His Worship the Mayor and City Council.

Sirs:-

The Attached report of the CityEngineer on Water Account \$231 Brunswick Street was considered at a meeting of the Works Committee held this day and it was decided to recommend to Council that the consumption shown at said premises January 26th and February 24th, 1928, be reduced to 5,000 gallons for each month.

Respectfully submitted

M.A. Hunter CLERK OF WORKS

(Report of the City Engineer on

file)

Moved by Alderman Smith, seconded by Alderman Robinson that the report of the Committee on Works be adopted. Motion passed.

WATER METER BILL 25-27 BEDFORD ROW

Read report of the Committee on Works and City Enginedr re Water Meter Bill 25-27 Bedford Row:-

City Works Office, April 12th, 1928

25-27 Bedford Row-Water Acct.

His Worship the Mayor and City Council.

Sirs:

Attached report of the City Engineer on Water Account # 25-27 Bedford Row was considered at a meeting of the Works Committee held on the 12th instant and it was decided to recommend to Council that the consumption shown January 19th, 1928 viz-26,800 gallons be reduced to 5,000 gallons

Respectfully submitted,

M.A. Hunter CLERK OF WORKS

(Report of the City Engineer on

file) Torsmo

Moved by Alderman Smith, seconded by Alderman Robinson that the report of the Committee on Works be adopted. Motion passed.

Call Works

WATER METER BILL 138 CREIGHTON STREET

Read report of the Committe on Works and City Engineer re Water Meter Bill 138 Creighton Street:

City Works Office, Halifax, N.S., April 12th, 1928

His Worship the Mayor and City Council.

Sirs;-

Attached hereto is report of the City Engineer on Water consumption 138 Creighton Street which was considered at a meeting of the Works Committee held on the 11th instant and it was decided to recommend to Council that the consumption shown March 16th, 1928, viz-22,400 gallons, be reduced by 18,400 gallons.

Respectfully submitted,

M.A.Hunter CLERK OF WORKS

(Report of City Engineer on

file

Moved by Alderman Smith, seconded

by Alderman Robinson that the report of the Committee on Works be adopted. Motion passed.

WATER METER BIBL No. 183 GOTTINGEN STREET

Read reports of the Committee on

Works and City Engineer re Water Meter Bill No.183 Gottingen Street:

City Works Office,
Halifax, N.S.,
Apr.12th,1928

His Worship the Mayor, and City Council.

Sirs:-

The Works Committee at a meeting held on the Eth inst., considered the attached report of the City Engineer on Water Account 183 Gottingen Street and it was decided to recommend to Council that the consumption shown at said premises January 13th, 1928, 12,300 gallons, February 10th, 1928 44,300 gallons, and March 12th, 1928 34,500 gallons be reduced to 6,000 gallons for each month.

Respectfully submitted,
M.A.Hunter
CLERK OF WORKS

(Report of City Engineer on File.)

Moved by Alderman Smith, seconded by Alderman Robinson that the report of the Committee on Works be adopted. Motion passed.

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WATER METER BILL 179-180 GOTTINGEN STREET

Read reports Committee on Works and City Engineer re Water Meter Bill 179-183 Gottingen Street:

City Works Office, Halifax, N.S., April 12th, 1928

His Worship the Mayor and City Council.

Sirs:-

The Attached report of the City Engineer on Water Account premises 179-180 Gottingen Street was considered by the Works Committee at a meeting held on the 12th inst., and it was decided to recommend to Council that the consumption shown in January, February and March 1928, be reduced to 7,000 gallons for each month.

Respectfully submitted
M.A. Hunter
CLERK OF WORKS

(Report of the City Engineer on

file)

and tor

Moved by Alderman Smith, seconded by Alderman Robinson that the report of the Committee on Works be adopted. Motion passed.

WATER METER BILL 186-188 GRAFTON STREET

Read reports Committee on Works and City Engineer re Water Meter Bill186-188 Grafton Street:-

Halifax, N.S. April 12th, 1928

186-188 Grafton Street

His Worship the Mayor and City Council.

Sirs:-

The attached report of the City Engineer on Water Account 186-188 Grafton Street was considered and it was decided to recommend to Council that the consumption shown February 22nd, 1928 viz 12,300 gallons be reduced to 2,000 gallons.

Respectfully submitted,

M.A. Hunter CLERK OF WORKS

(Report of City Engin er on File)

Moved by Alderman Smith, seconded by Alderman Robinson that the report of the Committee on Works be adopted. Motion passed.

WATER METER BILL No. 71 MAYNARD STREET

Read report of the Committee on Works and City Engineer re Water Meter Bill71
Maynard Street:-

mentor Company

City Works Office, April 12th, 1928

71 Maynard Street - Water Account

His Worship the Mayor and City Council.

Sirs;-

The Works Committee at a meeting held on the 12th instant considered the report attached hereto of the City Engineer on Water Account No. 71 Maynard Street and begs to recommend that the consumption shown at said premises February 15th, and March 17th 1928, be reduced to 3,000 gallons for each month.

Respectfully submitted.

M.A. Hunter CEERK OF WORKS

(Report of the City Engineer

on file)

Moved by Alderman Smith,

seconded by Alderman Robinson that the report of the Committee on Works be adopted. Motion passed.

WATER METER BILL 170-172 MAYNARD STREET

Read report of the Committee

on Works and City Engineer re Water Meter Bill No. 170-172 Maynard Street:-

City Works Office, April 12th, 1928

His Worship the Mayor and City Council.

Gentlemen:-

Attached hereto is report of the City Engineer on Water consumption at Premises 170-172 Maynard Street which was considered at a meeting of the Works Committee held on the 12th inst., and it was decided to recommend to Council that said report be adopted and that the consumption for February and March 1928 be taken at 2,000 gallons each month and the bill made up accordingly.

Respectfully submitted,

M.A.Hunter CLERK OF WORKS

Country Country

Report of the City Engineer on

file.

Colleg Harr

Moved by Alderman Smith, seconded by Alderman Robinson that the report of the Committee on Works be adopted. Motion passed.

WATER METER BILL PROPERTIES HARRY KITZ

Read reports City Engineer and
Committee on Works re Water Meter Bill properties
Harry Kitz:

Committee on Works March 30th 1928

His Worship the Mayor and City Council.

Sirs:-

Attached hereto is report of City Engineer on Water Bills at premises of H. Kitz.

The Works Committee récommends that a reduction of \$75.00 be made on accounts for the half year ending April 1927 on the following properties:

106-08 GraftonSt. 65- 67 Barrington St. 663-5 " 667-73 "

It is also recommended that the account for # 714 Barrington St., for half year ending April 1927, be reduced to \$6.00 all arrears including pre lien to be paid.

Respectfully submitted

M.A. Hunter

CLERK OF WORKS

(Report Engineer on file)

Moved by Alderman Smith, seconded by

Alderman Robinson that the report of the Committee on Works be adopted. Motion passed.

CAMP HILL CEMETERY-ORDINANCE

Read report of Camp HillCemetery
Committee recommending the adoption of an Amendment
to the Ordinance relating to Camp Hill Cemetery.

mp111 10 011, 1980

Committee Room, City Hall, April 11th, 1928

His Worship the Mayor, and Members of the City Council.

Gentlemen: -

At a meeting of the Committee of Camp Hill Cemetery held this day the attached Draft Ordinance relating to Camp HillCemetery was submitted and recommended to the City Council for enactment.

Respectfully submitted

Albert A. Drysdale CHAIRMAN

Moved by Alderman Drysdale, seconded by Alderman Smeltzer that the Ordinance be read a first time.

Motion passed.

Read "An Ordinance to Amend Ordinance
No. 13 of Camp Hill Cemetery"- First Reading.

Moved by Alberman Drysdale seconded by Alderman Smeltzer that the Ordinance relating to Camp Hill Cemetery be read a second time. Motion passed.

Read "An Ordinance to amend Ordinance.

No. 13 of Camp Hill Cemetery"- Second reading.

NOTICE OF MOTION

Notice of Motion by Alderman Power given at a Meeting of the City Council held on March 27th, 1928 in reference to the restoration of the cut in salaries of City Employees

Alderman Power informed the Council that he did not desire at the present time to press this motion and that he would withdraw it until a future meeting with the reservation that at the presentation of the Civic Estimates for 1929-30 , he would invite the Council to rescind its indiscriminate prodigality in respect to the increase of salaries in the Civic -720-

Connect

Estimates for 1928-29.

11.30 o'clock p.m.

Moved by Alderman Shannon, seconded by Alderman Mitchell that this meeting adjourn until Thursday evening next, April 19th, at \$.00 o'clock Motion passed.

LIST OF HEADLINES

Salvation Army Tag Day Daylight Saving Time Works Dept.Accounts City Home and T.B.Hospital Accounts General Accounts Fire Dept. Accounts Fire DeptAcct. of Lois E.Longley Cardens Parks and Common Accounts City Prison Accounts City Health Board Accounts Fire Department W.F.Healy-Claim for damages Citizens Free Library Accounts Police Dept. Accounts	6690 6772 6774 6775 6777 6777 6777 6777 6777
Provincial Exhibition Reconstruction 9th Progress Payment. Sinking Fund of Refunding Loan Water Dept. Temp. Loah	679 680 682
Prov. Exhibition Buildings Artificial Ice Plant Police Officer Howard Smith-Hospital Acct. City Treasurer's Department -Document Files Camp Hill Cemetery-Salary of Secty. Isolation Hospital -Tenders for Electrical	685 686 687
fittings Coal Weighers report Tax Collections Civic Elections, April 25th, 1928-	687 688 688 690
City Home and T.B. Hpl. Monthly Report Fire DeptTenders for Fire Hose Water Dept. Estimates for the Civic Year Works Dept. Tenders for Supplies	690 692 699
Works DeptPurchase of Automobile Maxwell Property -Fiarview Partial Release of Judgment. Farvard Street-Acceptance of Street.	704 705 705
Watt Street Extension Lease Ferry Landing Foot South Street. Water Meter Bill No.25-27 Market Street 10-30 Grafton Street. " 31-35 Admon Street.	707 708 709
131-35 Admon Street. 162 Granville Street 108 Hollis Street. 152 Grafton Street. 39 Columbus Street.	710 710 711 712 712
72 Agricola Street.	713

LIST OF HEADLINGES (CONTINUED)

Water " " " " "	Meter n n n n n	Bill No.231 Brunswick St. 25-27 Bedford Row. 138 Creighton St. 183 Gottingen St. 179-80 " " 186-138 Grafton St. 71 Maynard Street.	713 714 715 716 717 717
W 2	11 11	170-172 Maynard Street Properties Harry Kitz	718 719
Camp :	Hill C	emetery Ordinance Totion-Alderman Power	719 7 20

Meeting adjourned

J.B.Kenny MAYOR

H.S. RHIND

CITY CLERK

ADJOURNED MEETING

EVENING SESSION

8.10 o'clock, Council Chamber, City Hall, April 19th, 1928

A meeting of the City Council
was held this evening. At the above named hour
there were present His Worship the Mayor, and Aldermen
Shannon, Mitchell, Smith, McCarthy, MacDuff, Rains,
Ryan, Corbin, O'Toole, Drysdale, Robertson and Smeltzer.

The Council met pursuant to adjournment, to proceed with the consideration of the Report of the Committee of Firewards on the installation of the Two Platoon System in the Fire Department.

TRAMWAY EXTENSION-

POINT PLEASANT PARK

Read report of City Engineer re
Thamway Extension Point Pleasant Park to Martello
Tower via Inglis Street and Tower Road:

City Engineer's Office Halifax, N.S. April 19th, 1928

His Worship the Mayor.

Sir:-

On March 13th, 1928, the City Council approved of a recommendation that legislation be sought to relieve the Tram Company of its obligations to pave Tower Road with permanent pavement for a period of ten years, provided they would extend the street railway tracks to Point Pleasant Park at the Martello Tower.

The Legislature passed an Act authorizing the City Council to grant said exemption The Company is prepared to proceed with the work and it is necessary now that the Legislation has been enacted, for the Council to pass a formal resolution granting the exemption and it is recommended that the attached resolution be approved.

Respectfully submitted
H.W.Johnston
-723- CITY ENGINEER

The following Resolution is submitted:

RESOLVED that the City hereby grants permission to the Nova Scotia Light and Power Company, Limited, to extend its lines of track from the corner of Inglis and South Park Streets westwardly along Inglis Street to Tower Road and southwardly along Tower Road to Miller Street and further southwardly from Miller Street through Point Pleasant Park to the Martello Tower, so-called, and in the event of such extension being made and the lines being placed in operation before the 20th day of June 1928, the City hereby relieves the said Company from the obligations imposed upon it by Rule 15 of Schedule A. of Chapter 107 of the Acts of 1895, to pave with permanent pavement the spaces between the rails and tracks and two feet outside of each rail on that part of its track haid on Tower Road south of Inglis Street for a period of ten years from the date of the passing of this resolution.

Engine

Moved by Alderman Shannon, seconded by

Alderman Smeltzer and passed unanimously.

APPLICATION OF GORDON A GALLAGHER FOR AN INCREASE IN SALARY

Read application of Gordon A.Gallager for an increase to his salary as Entry Clerk in the Works Department Office.

ber of work

Referred to the Works Committee for

RESIGNATION- ALDERMAN JOHN J. POWER

Read report of City Clerk covering resignation of John Joseph Power, K.C., as an Alderman of Ward No. 5:

City Clerk's Office, Halifax, N.S., April 19th, 1928

His Worship the Mayor and Council.

Gentlemen: -

report.

I beg to submit for your consideration and action, the attached resignation of John Joseph

Power as an Alderman for Ward No. 5

Yours truly,

H.S. Rhind CITY CLERK

Halifax, N.S. Apr. 18th, 1928

Henry S.Rhind, Esq., City Clerk, Halifax, N.S.

Sir:-

I hereby resign my office as Alderman for Ward 5 in the City Council, of this City

Yours respectfully,

J.J.Power

Moved by Alderman Smeltzer, seconded by Alderman Drysdale that the resignation of Alderman Power be accepted, that his seat be declared vacant and that an Election to fill the vacancy be held on Wednesday the 16th day of May next. Motion passed.

PRESIDING OFFICERS

His Worship the Mayor nominated

Alderman Drysdale and Alderman O'Toole as Presiding

Officers to conduct the Election in Ward 5 to fill

the vanancy caused by the resignation of Alderman

Power. Approved.

FIRE DEPARTMENT-TWO PLATCON SYSTEM

His Worship the Mayor submits and reads two letters, one from the Board of Trade, and one from the Nova Scotia Board of Fire Underwriters, in reference to the installation of the Two Platoon System in the Fire Department, and the proposed increase of Fire Insurance rates in the City:

and Power

was brooke

Board of Trade, April 19th, 1928

His Worship the Mayor, Gity Hall, Halifax, N.S.

Your Worship:

On behalf of the Council, I take pleasure in acknowledging invitation to your meeting to be held tonight when the matter of increased insurance rates, outlined in letter received by you from the Nova Scotia Board of Fire Enderwriters will be discussed. Mr. E.J. Cragg will represent us.

We notice by the press that at a meeting of the Firewards, it was decided they would advocate no change in their policy, consequently, the resolution of the Fire Underwriters will, no doubt put into effect.

I would respectfully refer you to a letter of mine of February 2nd, and trust that at meeting tonight the members of the City Council will see their way clear before coming to any definite decision to hold conference with the Board of Fire Underwriters with a view of coming to some amicable arrangement whereby the present rates will not be increased.

I have the honour to be,

Sir, Your obedient servant

> E.A. Saunders, SECRETARY

Halifax, N.S., Apr. 10th, 1928

His Worship the Mayor and Members of the City Council City.

Gentlemen:-

We have to acknowledge receipt of the report of the Board of Firewards as passed at their meeting held on the 5th inst., in reference to the manning of the Fire Department under the Two Platoon System.

We note your Committee of Firewards has decided to adopt the recommendations of Deputy Chief Keefe, a copy of which is in our hands, and that the said Firewards have directed the Chief of the Department to put the said Schedule into operation.

Having before us the protest of the firemen themselves in their letter to the Firewards under date of December last wherein they said that the Department is undermanned; the fact that the Provincial Fire Marshal has found under a recent investigation that a very grave condition exists regarding the undermanning of apparatus and insufficiency of men and the report of the Fire Chief to the same effect, the Nova Scotia Board of Fire Underwriters emphatically protests against the adoption of the said schedule.

-726-

The system under which the present rates of Halifax were promulgated was based on the strength of the Fire Department and apparatus then in commission and have contemplated a reduction in the apparatus or the undermanning of the Department.

I am, therefore, directed to advise you that unless the strength of the Fire Department is increased to at least one hundred and twenty-five (125) men for a two platoon system, that insurance rates in the City of Halifax will be increased by twenty per cent (20%) on and after the 1st of May 1928.

Yours very truly,

Edward J. Fahie, SECRETARY.

Read report of the Committee of Firewards on the Two Platoon System:

Halifax, N.S.Apr. 16th, 1928

To His Worship the Mayor, and Members of City Council.

Gentlemen: -

The Committee of Firewards under resolution of the City Council passed at a meeting of Council held on the 12th instant, has taken cognizance of a communication dated Halifax, April 10th, from the Secretary of the Nova Scotia Board of Fire Underwriters, addressed to His Worship the Mayor and Members of the City Council acknowledging the receipt of a copy of the report of this Committee passed on the 5th instant in reference to the manning of the Fire Department under the Two Platoon System, and noting that this Committee has decided to adopt the recommendation of the First Deputy and have directed the Chief to put same into operation. The Board of Underwriters state they have before them the protest of firemen in their letter to your Committee of December last wherein they stated that the Department is undermanned.

The Board also states that the Provincial Fire Marshal has found under a recent investigation that a very grave condition exists regarding the undermanning of apparatus and insufficiency of men and they emphatically protest against the adoption of the said schedule

They further state that the system under which the present rates of Halifax were promulgated, was based on the strength of the Fire Department and apparatus then in commission and never contemplated a reduction in the apparatus then in commission, or the undermanning of the Department, and therefore they advise that unless the strength of the Fire Department is increased to 125 men for Two Platoon System that the insurance rates in the City of Halifax will be increased by twenty per cent on and after the first of May 1925.

portion of their report referred to by the Board of

They would emphasize that portion of their report referred to relating to the fire losses in the City for the past eight years, compiled from the monthly reports of Fire Chief Churchill, which shows for every dollar insured upon buildings and their contents which were burnt or partially burnt during that period, that the companies only had to pay an average of 3-9/10 cents. Such period covers the periods when the strength of the Department was 100, 96 and 85 respectively. Certain months will appear to have been omitted in that statement due to the fact thaty your Committee was not in receipt of a report from Chief Churchill, so the natural presumption is that there was nothing to report. Your Board also again draws attention to their statement of cities in Canada and the United States with populations the same as Halifax all working under the Two Platoon System with less men than the Halifax Fire Department.

Referring to that portion of the Underwriters communication regarding a letter from the men in which they state " we contend at least ten men should be added regardless of which system is in operation" Your Committee would quote the following evidence given by Captain Cody at the investigation under oath, into the Trinity Church Fire before Fire Marshal Rudland.

By Mr. Lovett:

- Your name is the first on this (petition) which says "we contend at least ten men should be added regardless of which system is in operation" When did you change your view about the matter, if you have changed it?
- Is the Fire Department being investigated or the Trinity Church Fire;

By the Fire Marshal: These are circumstances in connection with the Fire.

- When we made that declaration there about in regard to how many men we contend- in my humble judgment or my humble opinion, no man can operate 14 pieces of apparatus as we have at the present time today with 35 men, but according to the National Board of Underwriters, who I believe are all supreme, as far as Fire Department statistics are concerned, it says we should only have forty -two men on a shift and therefore if that is a fact that is the reason we made it; if we would have 14 pieces in commission instead of 9.
- The real reason is this, at the time the letter was signed, you and the other gentlemen who made the petition were calculating on the operation of fourteenpieces of apparatus
- Yes, calculating on 14 pieces.

- Q. And now you say the calculation would only be based on 9 pieces?
- A. Sure, that makes the difference.
- Q. And you consider then that three men, for instance, on these pumpers are, at a first alarm, sufficient to efficiently operate that apparatus?
- A. I wont say three but easily four, if the men are distributed right.
- Q. Would four be sufficient?
- A. Yes.

When your Board dealt with this petition from the members of the Fire Department, we were furnished information by mans of statistics that lead us to believe that the City was employing more men than was necessary for which the taxpayers had to pay for, consequently they recommended the force be decreased by ten men and the superannuation of the third deputy, thus saving over fourteen thousand dollars to the taxpayers, at that time the Chief protested against any reduction, but admitted he had that many inefficient men. The petition of the men to be placed under the two platoon system was refused by the Board on the sole grounds that the Chief was strongly opposed to same unless the Force was increased to 140 men, although your Board was in favor of granting same.

Subsequently, your Board put into effect as an experiment, allowing each man off one day in three instead of one day in five, the men promising to take their meaks in the stations. This experiment was so successful the past year, that your Board granted the two platoon system beginning on the 1st of February last against the wish of the Chief. Your Board is convinced that the system would be an unqualified success had they had a Chief who was in sympathy with the men. Your Board feel that the report of the Fire Marshal re the Trinity Church Fire was more regarding the two Platoon System rather than the cause of the fire and that his findings were based upon the evidence of Fire Chief Churchill and second Deputy Howley. We question very much if the Board of Underwriters would have writtenthe communication to the Mayor and City Council had it not been influenced by Chief Churchill, as it seems strange there was no protest from them when the force was reduced from 96 to 85 men, but only after the two platoon system was put into effect.

Your Board was under consideration the doing away with certain horse drawn apparatus and disposing of horses thus saving a considerable amount in their upkeep and with the change of the salvage waggon into a pumper, the Fire Department will have the necessary pieces of apparatus laid down by the National Board, namely five pumpers, three ladder companies and one hose waggon, all notor driven, so that there will be sufficient men to efficiently man same under the two platoon system.

Your Board therefore cannot recommend to Council an increase to the Force. They stand on their report of the 5th instant, and are of the opinion from the statistics furnished regarding fire losses that there is no justification by the Board of Underwriters to increase the rates by twenty per cent.

Respectfully submitted,

S.L.Shannon CHAIRMAN

The Board of Firewards held an investigation under oath into the working of the Halifax City Fire Department on the evening of March 19th, 1928. Evidence was given by the Chief of the Fire Department, the Two Deputy Chiefs and the eight Captains.

During the past year your Board felt in consideration of the men employed on continuous service, that instead of allowing them one day off every five days, that the experiment of one day off in three should be tried out— the men on their part, promising to fore—go their meal hours which they were allowed under the continuous service and have their meals taken to them so that they would be on duty for the whole period night and day forthree days, which meant 50 men continuously on duty. This trial succeeded so well, the men carrying out their part in a most commendable manner, that this year the Board considered it advisable to try the experiment of putting into force the Two Platoon service and accordingly gave orders to put same into force on the morning of the first day of February. The Chief was opposed to this proposition unless the force was increased to 120 men but the Board felt that it was feasible to try out the plan with 85 men.

Under the one day off in three last year, there was a fire at the Ladies' College and the Chief in his report thereon stressed the point that he had insufficient men to handle this fire, that had he had more men the fire loss would have been less than it was. This report was of such a nature to place the responsibility upon the Board, that they deemed it expedient to hold an investigation under oath, which was accordingly done, with the result it was ascertained that under the instructions then in force, only one piece of apparatus was to respond to a telephone call. At this fire, this piece was the chemical from Morris St., which upon arrival with its crew, started to combat the fire, it was proved that when the chemical line was carried to the seat of the fire and turned on, it would not function owing to some defect in the valve. It was only after this delay that an alarm was turned in and more apparatus and men arrived. Between the date of this fire and the date of the investigation, the Chief gave orders that in future, there should be two pieces of apparatus respond to a telephone call, which after February first last, he increased to three pieces.