

# REPORT

WATER COMMISSIONERS



STRATFORD, ONTARIO

1914

*The* EDITH *and* LORNE PIERCE  
COLLECTION *of* CANADIANA



*Queen's University at Kingston*

# OFFICERS OF THE BOARD

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## WATER COMMISSIONERS, 1914

McILHARGEY, C., Chairman	- -	Term expires Jan'y., 1915
BARNETT, J. D., M. C. S. C. E.	- - -	Resigned, June, 1914
GREENWOOD, C. N., remainder of Mr. Barnett's term	- - - -	Term expires Jan'y, 1916
STEVENSON, JOHN, Mayor (ex-officio)	-	" " " 1915

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## PAID STAFF, 1914

McNAB, P.	- - - - -	Superintendent
TRETHEWEY, W. H.	- - - - -	Secretary-Treasurer
HICKMAN, J.	- - - - -	Chief at Pump House
EDGAR, S.	- - - - -	Assistant at Pump House
GILLILAND, F.	- - - - -	Assistant at Pump House



TO THE CITIZENS OF STRATFORD :

Your Commissioners are pleased to report an increase in customers and an increase in net profits of \$6,154.64 over last year. We have found it necessary to increase our pumping capacity, and have exchanged the domestic pump, which was unsatisfactory and unpaid for from the first, for a larger one. We have now three electric pumps. One used for G. T. R. Service, one for Domestic City Service, and a high pressure pump for fighting fires. During the year we decided to buy two new boilers to have in readiness to supplement our fire pump, but on advice of the Hydro Commission have decided to use gasoline pumps for that purpose. We visited the Berlin plant and found the gasoline pump satisfactory, both to the City and Underwriters. The advantage of gasoline pumps over steam for auxiliary power is cost of maintenance. With the steam boilers we would need banked fires continually which means an annual cost of about \$3000, while the gasoline pump would cost about 25 cents per day to start it to make sure that it is continually ready.

We are asking tenders for our gasoline pump and have changed the plant so that the pumps will work in series, each one supporting the other, so that in case of necessity all the electric and gasoline pumps will work together. We are getting information with reference to stand pipes and when the pumping plant is complete the question of stand pipes will be dealt with.

C. McILHARGEY,

Chairman.

## SECRETARY - TREASURER'S REPORT

### To the Board of Water Commissioners of the City of Stratford

GENTLEMEN :—

I have the honor to present to you the Balance Sheet, Revenue Account and a Summary of the Receipts and Expenditures for the year ending November 30th, 1914.

The large expenditure of \$9,294.27 for fuel and electric power is due to the fact that it includes \$2,500 for electric power for last year, the payment of which was deferred till this year, pending an adjustment of rates. Had this amount been paid last year the net profit of last year would have been \$2,878.72 instead of \$5,378.72, and this years net profit would have been \$9,033.36, or an increase over that of last year of \$6,154. 64

Respectfully yours,

W. H. TRETHERWEY, Secretary-Treas.

### BALANCE SHEET--NOVEMBER 30th, 1914

#### ASSETS

Cash in hand . . . . .	\$	55	32
Arrears of Water Rates . . . . .		2845	65
Owing for Services . . . . .		827	09
Owing for Coal . . . . .		32	97
Coal on hand . . . . .		1326	00
Material on hand . . . . .		2742	85
Plant and Equipment . . . . .		98149	86
Construction Account . . . . .		182991	77
Sinking Fund . . . . .		28736	27
Total . . . . .	\$	317707	78

#### LIABILITIES

Due City on Permits . . . . .	\$	20	50
“ “ Interest and Debentures . . . . .		14993	85
Bank of Montreal . . . . .		678	09
Debenture Account . . . . .		194980	00
Capital Account . . . . .		54756	27
Surplus . . . . .		52279	07
	\$	317707	78

# REVENUE ACCOUNT

## INCOME

Net Revenue from Water Rates .....	\$	38145 19
Building Rates.....		1737 51
Water Rates earned but uncollected .....		1201 46
Hydrant Rent for November, 1914.....		560 00
Street Watering .....		542 02
Owing by Contractors .....		539 67
Owing on Flushing Permits.....		2 50
Paid on Flushing Permits .....		84 50
Interest on Advance to City.....		126 00
Sale of Scrap, etc. ....		15 80
Circus Fee.....		7 50
Bank Interest .....		5 12
Sundries .....		1 05
Total .....		\$ 42968 32

## EXPENDITURE

Salaries .....	\$	3958 00
Repairs .....		6112 03
Pump House expenses .....		488 35
Postage, Printing, etc. ....		250 31
Insurance .....		68 17
Interest .....		51 20
Sundries.....		413 90
Fuel and Power :—		
Net cost of Coal.....	\$	4207 96
Bal. of Power Acct. for 1913. ....		2500 00
Cost of Power 1914.....		2340 16
Net Gain carried down .....		9048 12
Net Gain carried down .....		22578 24 \$42968 32
Gain brought down.....		22578 24
Paid to City on Debentures, Interest and S. Fund. \$		14993 85
Net Gain added to Surplus .....		6533 36
Paid on Overdraft .....		1051 03
Total .....		\$ 22578 24 \$22578 24

## Summary of Receipts and Expenditures for the 12 months from Dec. 1st, 1913 to Nov. 30th, 1914.

### RECEIPTS

Cash in hand Dec. 1st, 1913.....	\$	73 74
Water Rates .....	41901	77
Building Rates.....	1737	51
Services.....	455	74
Permits .....	226	50
Miscellaneous .....	155	47
Sale of Coal .....	233	58
Bank Overdraft .....	678	09
Total .....		\$ 45462 40

### EXPENDITURES

Repairs ... ..	\$	6112 03
Fuel and Electric Power .....	9294	27
Interest and Debentures .....	5045	05
Salaries .....	3958	00
Bank Overdraft .....	1249	81
Sundries.....	535	40
Pump House Expenses .....	488	35
Postage, Printing, etc. . . . .	250	31
Insurance .....	68	17
Refunds .....	35	85
Total ... ..		\$ 27037 24

### CAPITAL ACCOUNT

New Mains .....	\$	10143 16
Services.....	5218	37
Meters .....	2647	06
Hydrants .....	361	25
Cash in hand.....		\$ 18369 84
Cash in hand.....		55 32
Total .. ..		\$ 45462 40

# SUPERINTENDENT'S REPORT

Stratford, November 30th, 1914.

To the Chairman and Members  
Board of Water Commissioners :

GENTLEMEN :

I have the honor to present to you the Annual Report for the year ending November 30th, 1914 :

## PUMPING RECORD

Month	Water pumped Gals.	Average per day gals.	Coal per month lbs.	Ave. coal per day lbs.
December	45,640,562	1,472,340	194,890	6,286
January	47,325,562	1,526,631	221,100	7,132
February	40,339,125	1,440,683	228,365	8,155
March	41,374,125	1,334,649	106,050	3,420
April	34,869,375	1,162,312	92,250	3,075
May	36,072,187	1,163,618	183,710	6,022
June	38,325,687	1,277,522	154,800	5,160
July	41,505,750	1,338,895	157,250	5,072
August	39,916,125	1,287,617	182,065	5,873
September	38,256,312	1,275,210	165,440	5,514
October	48,625,375	1,568,561	169,900	5,480
November	37,259,312	1,241,977	161,260	5,375
	<hr/> 489,509,497	<hr/> 1,340,834	<hr/> 2,017,080	<hr/> 5,547

Average water pumped per month 40,792,458 gallons

Increase in pumpage for year—34,527,391 gallons

Average increase per day—96,911 gallons

Total coal used—1,008.54 tons



## EXTENSION OF MAINS--1914

Name of Street	6-inch	4-inch	Valves	Hy- drants
Milton St. from Nile to Front St.....	864 ft.		2.6 in.	1
Trinity St. north from Douro St.....	587 ft.		1.6 in.	1
King St. north from Ontario St. ....	629 ft.		1.6 in.	1
Perth St. west from Front St. ....	331 ft.		1.6 in.	
Brant St. east from Nile to Front St . . . . .	876 ft.		1.6 in.	
John St. N. from Caledonia to Britannia St. . . . .	1178 ft		1.6 in.	1
St. Vincent St. north from Huron to Cale- donia St.....	600 ft.		1.6 in.	
Hibernia St. west from St. Vincent St. . . . .	297 ft.			
Dufferin St.....	613 ft.		1.6 in.	1
Strachan St. to Bridges St.....	310 ft.			
Albert St. east from Romeo St.....	1380 ft		1.6 in.	2
Britannia St. ....	260 ft.			
Mercer St. ....	352 ft.		1.6 in.	
Rankin St. ....	350 ft.		1.6 in.	
Hibernia St. west from Mornington to St. Vincent St. ....	778 ft.		2.6 in.	2
Queen St. from Ballantyne Ave. to Idington St. ....	1664 ft		1.6 in.	1
Britannia St., cross connections at John St.	182 ft.			
Connection Oak St.....	36 ft.			
Connection Elm St. ....	48 ft.			
Connection Cherry St.....	36 ft.			
Connection W. Gore St.....	72 ft.			
Cobourg St. ....		60 ft.		
Victoria St.....		208 ft.		
Centre St.....		144 ft.		
Jones St. from Britannia to Charles St. . . . .		400 ft.		
Total.....	11443 ft.	812 ft.	15	10

Total mains laid, 12255 feet.

## LOCATION OF VALVES

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Corner Milton and Nile Streets.....	1.6 inch
“ Milton and Front Streets .....	1.6 inch
“ Trinity and Douro Streets .....	1.6 inch
“ King and Ontario Streets .....	1.6 inch
“ Perth and Front Streets.....	1.6 inch
“ Brant and Nile Streets .....	1.6 inch
“ John and Caledonia Streets.....	1.6 inch
“ St. Vincent and Ontario Streets.....	1.6 inch
“ Dufferin and Louise Streets.....	1.6 inch
“ Albert and Romeo Streets .....	1.6 inch
“ Mercer and Britannia Streets.....	1.6 inch
“ Rankin and Britannia Streets.....	1.6 inch
“ Hibernia and Mornington Streets .....	1.6 inch
“ Hibernia and St. Vincent Streets .....	1.6 inch
“ Queen Street and Ballantyne Avenue .....	1.6 inch

## NINE NEW HYDRANTS

Located as follows :

- Milton street, opposite Planing Mill
- Trinity street, behind School House
- King street, east end of Cobourg street
- John street, opposite new School
- Dufferin street and Oak street
- Albert street, corner Romeo street
- Albert street, 400 feet east of Romeo street
- Hibernia street, corner of St. Vincent street
- Hibernia street, 300 feet west of Mornington street

## SERVICES

Paying Services Installed ... ..	225
Services not paying, under improved streets .....	72

Total Services for the season ..... 297

Average length of service 36.50 feet.  
 10862 feet total length of service pipe laid.

## METERS

200 installed during 1914.  
 Total Meters in use 1401.  
 During the season 17 Valve Chambers have been rebuilt with cement.

I have the honor to be,

Gentlemen,

Your obedient servant,

P. McNAB.



