

The old 4 inch pipe on Barrington Street was taken up from Sackville St. to Ungar's Laundry and a six inch main and 3 inch service pipe laid to give an adequate supply to that building. The total length of mains now in use is 51.70 miles.

The report of Foreman Morrison, with the reports of Inspectors Burns and Longueil, are appended.

SEWERAGE.

The total number of lineal feet of sewers completed during the year was 9644 or 1.83 miles. The most expensive sewer constructed was on Maitland Street. The work was done under the supervision of our best Sewer Foreman, Mr. McKenzie. The trench was very deep and in solid rock. Added to this the water running from the house drains on each side and the old drain in Prince William St. made the cost of the sewer much greater than if there had been no old sewer in the street.

Mr. McKenzie also performed the cheapest work during the season. The sewer on Tower Road from Inglis St. southwardly, was in solid rock, and the excavation was made for one dollar and ninety four cents per cubic yard. The contract for similar work in a neighbouring town last year was four dollars per cubic yard.

The sewer on Cornwallis St. was completed and nearly all the houses connected. The effect of the new work was shown by the entire absence of the offensive odors which have been so noticeable for several years in the summer months.

OUTLETS.

The nuisance existing at each of the sewer outlets is a growing evil and requires early attention in view of the danger of an importation of Cholera. The extension of the outlets at the foot of Prince St., DeWolf's Wharf and Marine and Fisheries Wharf, will be the first work in the new year. They are all very offensive in warm weather and frequent complaints are received from the neighbourhood. In consequence of the construction of the Upper Water Street sewer last year, the old outlets at the foot of Proctor's Lane, Jacob St. and Bell's Lane are now unused, except as storm overflows. A contract was let early in the year for the completion of the outlet at the

ESPLANADE.

The sewer was extended 159 feet and a new sea wall built. As I have had occasion to state before, I am of the opinion that the

improvement will not be the entire success hoped for. The water is so shallow at the outfall that the time will soon come when it will be necessary to again extend the sewer. All the work required to remove the evil could have been performed for the money already expended.

The extension made has abated the nuisance, however, and when the filling in is completed the improvement will be more noticeable.

CATCHPITS.

The substitution of concrete catchpits for the old holes in the drains, begun last year, has been continued. Two squads were employed as early in the season as possible, one beginning at Inglis Street and the other at Cornwailis Street. The south end squad had reached Morris Street when the weather became too cold and work was suspended. They are now beginning operations again and will work north through the centre of the town as rapidly as possible. Before the close of the season we hope to have all the offensive catchpits removed.

GENERAL.

The importance of sewers in their relation to the health of a city cannot well be overstated, and it may be remarked that fewer criticisms are made respecting sewerage expenditure than that for any other service. It is true that the order of construction is severely commented upon, but the necessity for an efficient sewerage system is recognized by tax payers of all classes. I need not again describe the disgraceful state of the old sewers in the centre of the city. The existence of such a sewerage system, instead of benefiting the city, tends to increase the mortality. It is a remarkable fact that disease often follows sewer construction to districts where it has never broken out before. Taking this into consideration, it is more remarkable that disease ever leaves the neighbourhood of our filthy old open drains. The work of sewer construction should begin at the outlets and proceed systematically until all the old drains and catchpits are removed.

Automatic flushing has apparently never received any attention in connection with new sewers. If flush tanks are not constructed at the upper part of all dead ends the new sewers will soon become offensive, as the ordinary flow of sewage will not keep them clean.

Statements are appended showing the sewers and catchpits built during the year.

HOUSE DRAINS AND PLUMBING.

The plumbing work is the most important part of a drainage system from a sanitary standpoint, and during the past year it has received careful supervision. Early in the year I was appointed by the City Health Board to the position of Sanitary Superintendent. Rules and Regulations for the proper inspection and control of all plumbing work were put in force, and Mr. Claude Donovan was appointed Plumbing Inspector. In the past, when plumbing was required, the work was often given to the lowest bidder: resulting in the use of the cheapest and worst pipes and fixtures.

Probably the most dangerous work has been done in connection with water closets. Scarcely a house is now erected without one or more closets. There were no inspectors and closets were fitted up in every conceivable design and in all kinds of places without any provision for ventilation or particular attention to drainage. A favorite location was under the back stairs, from which position, under the mode of construction followed in the past, the poisonous gases from the drains easily found their way all over the house. The drain ran to a cesspit or an old stone drain in a filthy condition, and in some cases to the water pipe trench in the street. Often in some of the best houses there was no trap at all on the closet or waste pipe. These features and many others equally objectionable, may be noted on inspection of the plumbing work in three-fourths of the houses in the city, and yet our efforts to effect a reformation have been strenuously opposed. The plumbers are, I think with one exception, willing and ready to do good work in accordance with our requirements. Since the first of May, 1892, 460 houses were connected with the main sewer under the supervision of the Plumbing Inspector, and 224 permits were issued for plumbing work. Out of 162 houses inspected on complaints not one was found in a sanitary condition. The Plumbing Inspector has shown a thorough knowledge of his work, and proves himself worthy of the confidence of the Board. His report is submitted herewith.

A large amount of work has been done under the

PERMANENT PAVEMENT

Act. The most important work was the paving of Upper Water Street with granite and porphyry blocks on a foundation of broken stone and sand. Notwithstanding all prophecies to the contrary the work has stood the severe winter without any signs of upheaval. The porphyry cost \$3.59 per square yard and the

granite \$3.24. The paving done at the foot of George Street was on a concrete foundation and cost \$4.40 per yard. The traffic was kept up to all the wharves during paving operations and at a comparatively small expense.

Nearly 500 square yards of concrete sidewalks were laid at an average cost of \$2.26 per yard. These sidewalks are laid in square or rectangular blocks to prevent fracture caused by upheaval by frosts. Where the foundation can be thoroughly drained the frost cannot affect the work, but where the drainage is not good the blocks lift with the frost falling back again in the spring. The new work was severely tested during February. At one excavation made in Granville Street the frost had penetrated nearly six feet. So far I have only noticed one place where the frost has injured the sidewalks. Concrete work is expensive compared with other materials and for that reason its use must be limited. The use of so-called asphalt in the past was not very satisfactory, but the material was not asphalt at all, but principally tar. There has been a strong prejudice against it, but this will be removed by the construction of natural asphalt pavements, which are giving every satisfaction in other cities.

The streets macadamized last season have come through the freezing and thawing ordeal in good condition, showing that the work of the steam roller was pretty thoroughly performed. Our

STREETS

appropriation is unfortunately so small that very little work of a similar character can be undertaken from that fund. At one time the amounts placed in the estimates for streets was \$40,000, but it has dwindled down to less than half that amount. The system of making fixed ward appropriations will never be satisfactory. It results in expensive and at present perhaps unnecessary work being performed in small wards while larger wards cannot undertake the ordinary repairs. The money should be used for the purpose of making the most needed repairs and improvements irrespective of ward boundaries. A portion of it should be reserved for spring repairs and removal of snow in winter. As soon as the frost leaves the ground small gangs of men should be sent through the city to make good all defects in the surface of the streets. Ruts should never be allowed to form at all. Horses will follow a beaten track and a slight rut soon becomes a deep hole, retaining water and ruining the road surface. A smooth roadway is much more easily

kept clean, consequently the health of the city depends directly on the method of performing street work. The condition of the streets has been very much improved by the adoption of the deposit system for drain connections. Five dollars is placed in the hands of the City Treasurer as a guarantee that the street will be left in good order. If there is any neglect on the part of the property owners repairs may be made by the City Engineer and the amount deducted from the deposit. The balance, if any, is returned to the property owner at the end of three months.

The principal street improvement was the removal of the old Stairs Building and City Hall, and formation of "Pickering Square." (I copy the name from the Budget speech in December). The work was carried on through the efforts of the Chairman of your Board. The price asked by Mr. Stairs was \$7,000, and he agreed to give twice as much as others would contribute. The amount collected by the Chairman was \$1,000. Mr. Stairs contributed \$2,000, and the balance, \$4,000, was borrowed under the Act passed last winter.

Maitland Street was extended through to Gerrish Street, but the grading is not yet completed. Part of Upper Water Street was widened and straightened, and the widening of Cogswell Street is now in hands. The widening of Quinpool Road and Lockman Street has received attention, but nothing definite has been decided. Fenwick Street has been filled in to the street line on the north side.

The wire problem was grappled with, but the year closes without a satisfactory solution of the difficulty. All the companies except the Gas Company agreed to amalgamate their lines, but the scheme did not meet with the approval of the latter company. A number of the Gas Company's poles were removed where concrete was laid. In some cases two poles were standing within one foot of each other. The question of the disposal of the wires is becoming more serious every day.

The encroachments during the year have been few. That of James Reeves on Tower Road was the most important. Its removal has been ordered by the court, but the case has been appealed. The decision in this instance, has I think, had a salutary effect on builders and property owners. The obstruction placed on the sidewalks during building operations is an intolerable nuisance to pedestrians especially during the muddy season. It would be advisable to charge a daily rate for the occupation of any portion

of a sidewalk. This would tend to hasten the removal of fences erected by builders.

No action has been taken by the Council respecting new streets. This matter is one of vital importance, involving as it may, the expenditure of thousands of dollars in law suits, grading, widening, &c., which should never be required.

INTERNAL HEALTH.

In this connection the separate removal of garbage was considered but no action taken. The disposal of garbage is a live question in every city and in few is it settled satisfactorily. The chief obstacle is cost; but that item must not be allowed to cause delay in a matter of so great importance to the health of the city.

The street watering is performed principally by the Fire Department horses. A water motor has been placed on the City Wharf at the foot of George St. to supply salt water for the lower streets.

A great improvement has been made in the common by filling up the boggy portion of it with ashes removed by the Internal Health Department.

GENERAL.

There are a number of important works previously reported on which should receive prompt attention. A new survey of the city should be made without delay and all boundaries of city property should be established. It is unnecessary to repeat what has been said in previous reports respecting the various matters referred to, as many of them are now on the order of the day in the City Council.

There has been a large expenditure during the year and many changes have been made both in the offices and outside. One of the principal improvements carried out by order of the Chairman was the supplying of time cards to the men who were required to present them duly certified and receipted before the money was paid over. Formerly there was nothing to show whether money was paid or not except a blue check mark on the pay sheet. At one time, in the busiest part of the season, 541 men and 123 teams figured on the fortnightly pay roll, the amount paid amounting to nearly \$10,000.

In closing this report I must refer to the courtesy shown me, particularly at the first meeting of the Board, when on the invita-

tion of the Chairman I was permitted to be present. This privilege has been a valuable assistance to me in performing the many duties of the office, and I trust has not been without some benefit to your honorable Board.

Respectfully submitted,

F. W. W. DOANE,

City Engineer.

WATER DEPARTMENT OFFICE.

CITY HALL, *May 1st, 1893.*

F. W. W. DOANE, ESQ.,

City Engineer.

Sir,—In accordance with your instructions, I have prepared the usual schedule of stock on hand on April 30th, 1893, and also number of feet of main and service pipe laid and renewed, with the length of main pipes cleaned and recleaned; also the number of fire hydrants put down during the Summer of 1892, and Spring of 1893.

Respectfully submitted,

E. MORRISON,

Foreman Water Department.

List of Pipes Cleaned and Recleaned by Mechanical Scrapers during the Season of 1892.

No.	LOCALITY.	Diameter of Pipe, inches.	Length cleaned in ft.	Total length.	Cost.
1	Low Service Main	24	13400	.....	Recleaned.
2	High Service Main	15	29500	.....	Recleaned.
3	Granville, from Salter to Sackville....	3	675	.....	Cleaned.
4	Birmingham, from Spring Garden Road to Morris	3	975	.....	Cleaned.

List of Streets where Water Pipes have been Laid during the Season of 1892 and Spring of 1893.

NAME OF STREET.	From.	To.	Diameter of pipe.	Length of pipe in ft.	Total length.
Fenwick Street	Queen	204 feet West.....	6 in.	204	[taken up.
Annanale "	Dresden Row	Briar Lane.....	6 "	267	Old 2 in. pipe
McCully "	End of 4 in. pipe	142 feet West	4 "	142	[up.
Letson's Lane.	Across End of Lane	41 feet East.....	3 "	41	Old 2 in. taken
South Street..	Op. Catholic Cemety.	45 feet East	6 "	45	
Robie "	Op. Carrette Stables	90 feet North.....	6 "	90	
Kent "	Op. Stairs.	Opp. Christy's.....	6 "	163	
Grafton "	Main.....	Moir's Building..	3 "	23	
City Wharf...	Fire plug E. of Water	154 feet East	6 "	154	4 in. taken up.
City Wharf...	End of 6 in. pipe.....	Water motor [St.	4 "	54	
Vernon.....	Coburg Road.....	Within 30 ft. End of	6 "	585	
Barrington St.	Sackville.....	176 feet North.....	6 "	176	4 in. taken up.
Barrington St.	Main.....	Ungar's Laundry ..	3 "	33	
Robie Street..	Willow	North	6 "	247	
Service pipes	put into houses.....		1 "	126	
"	"		4 "	290	
"	"		3 "	2334	4974

83 houses were supplied with water in 1892, and Spring of 1893.
37 Service pipes renewed.

List of Fire Hydrants put down in 1892.

NAME OF STREET.	Where Situated.	Diameter of pipe.	Length in feet.	Total Length.
Anandale Street.....	West End.....	6 in.	9	.....
Walnut "	Shirley	6 "	12	.....
Vernon "	North of Coburg Road	6 "	13	.....
South Park Street	S. E. Corner Fenwick St....	6 "	9	43 ft

Total No. of Fire Plngs in use, 355.
14 old Hydrants taken up and replaced with improved Frost Jacket Hydrants.
Total No. of feet excavated in 1892, and Spring of 1893=5017 ft.

Pipe Stock on Hand April 30th, 1893.

No. of Pieces.	Diameter of Pipe.	Weight of one.	Weight in lbs.	Weight of whole.	Cost per lb.	Total Value.	REMARKS.
11	27	2651	29,161	.....	.....	.....	.....
8	24	3192	25,536	.....	.....	.....	.....
6	20	1263	7,578	.....	.....	.....	.....
3	15	1029	3,087	.....	.....	.....	.....
118	12	680	80,240	.....	.....	.....	.....
13	10	550	7,150	.....	.....	.....	.....
50	9	538	26,900	.....	.....	.....	.....
100	8	386	38,600	.....	.....	.....	.....
549	6	280	153,720	.....	.....	.....	.....
21	5	222	4,662	.....	.....	.....	.....
366	4	156	57,096	.....	.....	.....	.....
6	3	128	768	.....	.....	.....	.....
50	2½	26	1,300	.....	.....	.....	Stand Pipes.
50	.....	12	600	.....	.....	.....	Plates.
50	.....	6	300	.....	.....	.....	Caps.
25	.....	1½	37	436.735	2¼	982,654	Thimbles.

Wooden Wedges.

Diameter of Pipes.	No. of Wedges.	Total No.	Cost of each.	Total Value.
24	1000	.....	.....	.....
20	2500	.....	.....	.....
15	3200	.....	.....	.....
12	1600	.....	.....	.....
9	1700	.....	.....	.....
6	7000	17000	1¼	\$212.50
Keys	200	200	¼	50

BRANCH PIPES AND IRREGULAR PIECES.

No. of Pieces.	Diameter.	Description.	Weight of one.	Weight of Whole.	Total Weight.	Cost per lb.	Total cost.
3	27	Bell Month.....	831	2493			
14	24	Thimbles.....	396	5544			
1	24	Cap.....	290	290			
5	20	Thimbles.....	230	1150			
3	15	Double Branches 15 in. outlet.....	896	2688			
3	15	" " 6 in. ".....	660	1980			
2	15	Y Branches.....	1012	2024			
1	15	Single Branch.....	812	812			
3	15	Thimbles.....	234	702			
1	15	Reducing to 12 in.....	600	600			
1	15	" " 6 in.....	400	400			
1	15	Saddle 9 in. outlet.....	145	145			
1	15	" " 6 in. outlet.....	122	122			
3	12	Double Branches.....	675	2025			
3	12	" " 9 in. outlet.....	500	1500			
1	12	" " 6 in. ".....	450	450			
3	12	Single Branches.....	524	1572			
4	12	" " 9 in. outlet.....	494	1976			
3	12	" " 6 in. ".....	469	1407			
2	12	Reducing to 9 in. without Faucet.....	450	900			
2	12	" " 6 in. ".....	400	800			
1	12	" " 6 in. with Faucet.....	200	200			
9	12	Thimbles.....	160	1440			
2	12	Saddles, 3 in. outlet.....	86	172			
4	12	Caps.....	45	180			
5	9	Double Branches.....	411	2055			
2	9	T Branches, 2 in., 3 in. outlet.....	350	700			
2	9	Single Branches.....	355	710			
1	9	" " 6 in. outlet.....	306	306			
3	9	" " 4 in. outlet.....	250	750			
18	9	Thimbles.....	116	2088			
5	9	Offsets.....	136	680			
5	9	Caps.....	32	160			
6	9	Reducing to 6 in.....	121	726			
1	9	Saddle, 4 in. outlet.....	45	45			
10	6	Double Branches.....	255	2550			
8	6	Single Branches.....	209	1672			
6	6	" " 4 in. outlet.....	200	1200			
3	6	Y Branches.....	250	750			
3	6	Reducing to 4 in., with Faucet.....	124	372			
4	6	" " " without F'cet.....	114	456			
5	6	Reducing to 3 in., without Faucet.....	114	570	47362	.024	065.64

Branch Pipes and Irregular Pieces (Continued).

No. of Pieces.	Diameter.	Description.	Weight of one.	Weight of Whole.	Total Weight.	Cost per lb.	Total cost.
1	6	Double Branch, 3 in. outlet.....	180	180			
5	6	Offsets.....	140	700			
18	6	Thimbles.....	67	1206			
9	6	Bends.....	136	1224			
30	6	Caps.....	19	570			
22	4	Double Branches.....	123	2706			
3	4	Single Branches.....	114	342			
2	4	Y Branches.....	96	192			
3	4	Reducing to 3 in. with Faucet..	95	285			
4	4	“ “ without Faucet	84	336			
5	4	Offsets.....	66	330			
21	4	Thimbles.....	29	609			
9	4	Caps.....	11	99			
10	4	Caps for Stop-cocks.....	15	150			
3	3	Single Branches.....	81	243			
5	3	Crosses.....	90	450			
15	3	Thimbles.....	26	390			
3	3	Caps.....	8	24			
7	2	Double Branches.....	30	210			
4	2	Angle Branches.....	23	92	10338	02½	\$232 60
6	2½	Split Thimbles.....	620	3720			
1	20	“ “.....	453	453			
9	15	“ “.....	260	2340			
2	12	“ “.....	222	444			
21	9	“ “.....	139	2919			
24	6	“ “.....	92	2208			
6	4	“ “.....	64	384			
10	3	“ “.....	48	480			
16	5	Split Collars for Fire Plugs.....	61	976			
10	“	Extension pieces for Fire Plugs..	124	1240	15164	02½	379 10
2	15	Stopcocks.....				\$100 00	200 00
6	12	“.....				79 00	474 00
2	9	“.....				55 00	110 00
20	6	“.....				30 00	600 00
14	4	“.....				20 00	280 00
3	3	“.....				14 00	42 00
15	“	Gun Metal Screws.....	28	112			
9	“	“.....	14	84			
6	“	“.....	9	117			
4	“	“.....	6	12			
3	“	“.....	5	15	340	60	204 00
10	6	Siemens Meters on hand.....				143 43	1434 30
5	4	“ “.....				86 75	433 75
12	3	“ “.....				65 67	788 04
2	2	“ “.....				44 65	89 30

Branch Pipes and Irregular Pieces, (Continued).

No. of Pieces	Di. meter.	Description.	Weight of one.	Weight of Whole.	Total Weight.	Cost per lb.	Total cost.
1	1½	Siemen Meters on hand				34 42	34 42
12	1	" " "				21 50	258 00
41	"	" " "				15 50	635 50
56	"	" " "				14 50	812 00
1	1	Crown " "				49 25	49 25
1	"	" " "				37 92	37 92
1	"	" " "				26 25	26 25
2	"	Frost " "				31 42	62 84
2	"	" " "				21 47	42 94
1	12	Regulating Valve				206 66	206 66
1	6	" "				103 33	103 33
5	"	Pressure Gauges				10 00	50 00
5	"	Fire Plugs, with Jackets				66 50	332 50
4	"	Fire Plugs, without Jackets				50 00	200 00
4	2½	Old Style Fire Plugs				13 00	52 00
5	"	Castings for Fire Plugs	360	1800	1800	3	54 00
8	"	Spare Jackets for Fire Plugs	345	2760	2760	2½	62 10
4	"	Brass Castings, all sorts		100	100	35	35 00
4	1	Service Stopcocks				250	10 00
6	¾	" "				1 75	10 50
72	¾	" "				1 25	90 00
1	"	Pipe Tapping Machine					127 60
1	"	4 H. P. Gas Engine					475 50
1	"	5 H. P. Steam Engine					625 00
3	"	Lathes					400 00

RECAPITULATION.

Lbs.	Description.	Cost per lb.	Value.	Total Value.
436,735	Pipes	2½	\$9826 54	
17,300	Wood Wedges	1½	216 25	
200	Key Wedges	¼	50	
57,700	Branch Pipes	2½	1298 24	
15,164	Split Thimbles	2½	379 10	
	Stopcocks from 15 in. to 3 in.		1706 00	
340	Gun Metal Screws	60	204 00	
	Fire Hydrants		532 50	
	Castings for Fire Hydrants		116 10	
	2 in. old Fire Hydrants		52 00	
	Brass Castings, all sorts		35 00	
	Meters from 6 in. to ½ in.		4704 51	
	Pressure Gauges		50 00	
	Stopcocks for Service Pipes		110 50	
	4 H. P. Gas Engine		475 50	
	5 H. P. Steam Engine and Pump		625 00	
	Pipe Tapping Machine		127 60	
	Regulating Valves		309 99	
	Lathes		400 00	\$21169.33

PRECIPITATION FOR THE YEAR 1892.

1892.	CHAIN LAKES.				SPRUCE HILL LAKES.				CITY OF HALIFAX.*			
	Snow.	Melted Snow.	Rain.	Total.	Snow.	Melted Snow.	Rain.	Total.	Snow.	Melted Snow.	Rain.	Total.
Jan.	10 25	1.23	5.33	6.56	10.75	1.42	5.15	6.57	0.982	5.339	6.321	
Feb.	20.25	2.08	.49	2.57	20.50	2.51	.48	2.99	1.760	0.845	2.605	
Mar.	20.25	3.76	4.44	8.20	17	2.28	5.65	7.93	1.553	4.433	5.986	
April	2.75	.15	2.16	2.31	2.75	.20	2.55	2.75	0.173	2.480	2.653	
May			5.49	5.49	.75	.15	5.54	5.69		5.459	5.459	
June			4.24	4.24			4.20	4.20		3.638	3.638	
July			3.82	3.82			3.31	3.31		2.710	2.710	
Aug.			8.62	8.62			9.81	9.81		6.809	6.809	
Sept.			2.16	2.16			2.12	2.12		1.744	1.744	
Oct.			3.34	3.34			3.38	3.38		3.472	3.472	
Nov.	1	.30	8.91	9.21			8.42	8.42		9.240	9.240	
Dec.	8	.67	1.78	2.45	11	1.14	1.88	3.02	0.701	2.352	3.053	
Totals. . .	62.50	8.19	50.78	58.97	62.75	7.70	52.49	60.19	5.169	48.521	53.690	

*City returns kindly furnished by Augustus Allison, Esq., Dom. Govt. Meteorological Agent.

OFFICE OF PLUMBING INSPECTOR, CITY HALL,

Halifax, N. S., April 29th, 1893.

MR. F. W. W. DOANE,

City Engineer.

SIR,—I beg leave to submit for your information the following report of work performed by me during the past year, commencing May 18th, 1892.

Yours respectfully,

CLAUDE DONOVAN,

Plumbing Inspector.

No. of plans and applications for plumbing approved.	224
“ certificates recommended to be issued.	192
“ houses visited for waste of water.	806
“ houses examined under Sanitary Inspector's instructions.	97
“ houses examined by request of owner or tenant.	65
“ houses connected to main sewer and connections inspected.	460
“ certificates given collector.	37

WATER DEPARTMENT.

CITY HALL, *Halifax, N. S.*,*May 1st, 1893.*MR. F. W. W. DOANE, *City Engineer.*

SIR,—Appended please find my report of work done during the year ending April 30th, 1893, in the Water Department, and also a list of Water Meters in use, and the sizes thereof.

Respectfully submitted,

JOHN E. BURNS,

Water Inspector.

INSPECTOR'S REPORT.

May, 1892, to April 30th, 1893.

MONTH.	Number of Inspections.	Found in good order.	Leaks and waste	Notices issued.	Leaks shut off.	Leaks reported by police and others.	New houses inspected.
1892, May	225	215	10	10	2	4	.....
“ June	230	208	22	22	4	7	.....
“ July	322	211	11	11	2	2	.....
“ August	255	235	20	20	1	5	.....
“ September	368	360	8	8	5	2	.....
“ October	205	200	5	5	1	2	.....
“ November	230	224	6	6	2	1	.....
“ December	244	240	4	4	2	2	.....
1893, January	304	288	16	16	7	7	.....
“ February	235	222	13	13	5	2	.....
“ March	210	202	8	8	3	4	.....
“ April	190	184	6	6	2	2	.....
Totals	3018	2789	129	129	36	40	.....

WATER METERS.

It has been deemed expedient for some years past to apply water meters to all service pipes where large quantities of water are used, and latterly the use of meters has been considerably extended, so as to embrace not only all complicated cases, but also many Institutions. The total number of meters and stroke indicators now set in the city is 77, of which 33 were applied during the past year.

New Meters set during the Civic Year ending April 30, 1893.

KIND.	Indicators.	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{2}$	2	3	4	6	Totals.
Siemens .....	.....	23	5	2	.....	.....	3	.....	.....	33
Crown .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	1	23	5	2	.....	.....	3	.....	.....	33

General Summary of all Meters and Indicators set and in use on April 30th, 1893.

KIND.	Indicators.	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{2}$	2	3	4	6	Totals.
Siemens .....	.....	27	12	1	1	3	15	8	1	68
Crown .....	.....	3	5	1	.....	.....	.....	.....	.....	9
Totals	1	30	17	2	1	3	15	8	1	77

The first of the foregoing tables shows the number of meters set in premises where the water consumption had not previously been measured. The greater portion of these meters were entirely new ones; the small remainder consisted of such as had been permanently removed from other premises, and which were found to be in good condition. The total number of meters removed for various reasons, and replaced in premises, was 31. The cause for removal are classified as follows: 10 injured by frost; 2 broken or defective dial gearing; 5 broken or defective intermediate gearing and piston rods; 10 examined for accuracy after use; 4, change of size or capacity of meters. Two sizes and kinds of meters are represented in this list, and of the whole number removed, five were replaced in the same premises after being put in order:

Number, kind, and size of new and old Meters tested during the Civic Year ending April 30th, 1893.

KIND.	Indicators.	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{2}$	2	3	4	6	Totals.
Siemens	5	10	.....	1	.....	5	2	.....	23
Crown	2	1	.....	.....	.....	.....	.....	.....	3
Totals	7	11	.....	1	.....	5	2	.....	26

JOHN E. BURNS,
Water Inspector.

WATER DEPARTMENT.

CITY HALL, *Halifax, N. S.*

To F. W. W. DOANE, ESQ.,
City Engineer.

SIR,—I beg leave to submit to you my annual report of work done by me in the Water and Health Departments, from May 1st, 1892, to April 30th, 1893.

I am, obediently yours,

R. W. LONGUEIL,

Water Inspector.

May 1st, 1893.

No. of houses visited for drain connections to sewers, also to obtain owner's names	940
“ extra visits to vacant and other houses	120
“ houses visited for census of water fittings	1122
“ “ “ waste of water	404
“ “ notified for waste of water	88
“ “ re-inspected	88
“ “ notified for protection of water pipes	2
“ “ re-inspected	2
“ premises visited on health inspection	1428
“ owners and others notified for unsanitary state of premises	240
“ re-inspections	240
“ complaints attended to and inspected	71
“ re-inspection of complaints	71
“ re-notified by order of City Health Board	59
“ re-inspected	59
“ cases attended at court	3
“ visits with Plumbing Inspector	6
“ houses placarded for infectious diseases	204
“ “ funnigated after death or recovery	200
“ “ re-placarded	6
“ seizure of meat unfit for food, decayed fruit, fish, &c.	5
“ other visits	311
Total	5669
No. of days at work in office, including stormy days	34
“ Sundays at work	12
“ holidays	16
“ days sick	2
“ days at work	308

SEWERS

STREET.	From.	To.	Size in inches.	Material.	Length.	No. Manholes.	No. drain connections.	No. Catchpits.
Coburg Rd.	250 feet W. of Seymour St.	300 ft. W. of Le-Marchant St.	12 x 18	Concrete.	378.0	2		
"	Seymour St.	Edward St.	14 x 21	Blocks.	553.6	1		
West	Robie Street	594 ft. East	14 x 21	"	594.0	3		
North George.	West Street	201 ft. North	12 x 18	"	201.4	1		
Edward	Morris Street	Coburg Road	14 x 21	"	819.0	3		
Lorne Terrace	North Street	300 ft. North	14 x 21	"	370.0	3		
Inglis	190 feet E. of Tower Rd.	Tower Road	20 x 30	"	190.0	3		
Tower Rd.	Inglis Street	156 ft. North	14 x 21	"	156.8			
"	"	412 ft. South	16 x 24	"	412.0	2		
North	Robie Street	313 ft. East	18 x 12	"	313.0	1		
Cornwallis	E. sde Lockman	Brunswick St.	24 x 36	"	318.0			
Lockman	Cornwallis St.	19 ft. North	16 x 24	"	19.0	4		
Brunswick	Cent. Cornwallis	N. s. Cornwallis	20 x 30	"	34.0			
Cornwallis	Brunswick St.	Gottingen St.	24 x 36	"	568.9			
Gottingen	Cornwallis St.	20 ft. North	24 x 36	"	20.0			
Cornwallis	Gottingen	Maynard St.	20 x 30	"	552.6			
Creighton	Cent. Cornwallis	51 ft. North	14 x 21	"	51.0			
Maynard	"	39 ft. North	14 x 21	"	39.0	9		
Cornwallis	Maynard St.	Nth. Park St	14 x 21	"	320.3			
Bauer	Cornwallis St.	46 ft. South	14 x 21	"	46.0			
North Park	"	51 Nth. Park St	14 x 21	"	115.6			
Sackville	Sth. Park St	434 ft E. Irish	14 x 21	"	434.7	4		
Maitland	Cornwallis St.	216 ft S. of Ger-	14 x 21	"	908.9	5		
Young	Dry Dock	Campbell Rd.	24 x 36	"	231.9	0		
Campbell Rd.	Young St.	Kaye Street	24 x 36	"	199.5	2		
Kaye	Campbell Rd.	E. s. Gottingen	20 x 30	"	1263.0	4		
Rottenburg	Dresden Row.	Birmingham St	20 x 30	"	252.0	0		
"	Birmingham St	W. side Queen	14 x 21	"	225.0	1		
Hanover	End of outlet	Edge of bank	24 x 36	"	32.0	0		
Esplanade	Old Sea Wall	New Sea Wall	8 feet.	Stone.	159.0	0		

CONSTRUCTED IN 1892.

Average depth in feet.	Average depth of soil.	Cost of Sewer.			Cost per lineal foot.	Sewerage rates at \$1.25 per ft.	Foreman.
		Labor and Truck- age.	Material includ- ing Con- crete.	Total.			
9.90	2.00	\$1661 15	\$ 484 00	\$2145 15	\$5 67	\$ 754 38	Ben. Umlah.
10.30	2.00	2398 88	945 16	3344 04	6 04	1142 53	E. Meagher.
{ 9.70	{ 3.00	2874 48	1160 99	4035 47	5 08	1356 80	Wm. Hawley.
{ 9.80	{ 3.00						470 34
12.2	2.00	3960 58	1581 90	5542 48	6 77	1796 00	J. E. Kemp.
12.2	8.00	1454 80	680 62	2135 42	5 77	860 53	Peter McKenzie.
10.4	2.00	1469 76	538 19	2007 95	5 79	1760 01	Colin McGillivray.
8.8	1.5						" "
8.8	3.0	1009 21	586 40	1595 61	3 87		Peter McKenzie.
10.7	9.0	915 39	337 20	1252 59	4 00	755 44	" "
7.8	3.0	1087 38	876 22	1963 60	5 29		" "
.....						" "
8.9	3.0						Wm. Hawley.
.....						" "
10.5	3.0						" "
.....	.....	6119 90	3341 82	9461 72	5 52	3511 96	" "
10.7	3.0						" "
.....						" "
10.9	10.9						" "
11.5	5.0	1461 29	631 04	2092 33	4 81	1077 63	{ J. E. Kemp.
11.8	4.0	4449 21	1800 92	6250 13	6 87	2143 72	{ Colin McGillivray.
10.1	10.1						{ Peter McKenzie.
12.5	8.0	4363 96	2776 94	7140 90	4 22	918 17	{ Colin McGillivray.
10.1	9.0						{ Ben Umlah.
10.8	9.0	1213 35	627 52	1840 87	3 86	818 42	Ben Umlah.
10.8	9.0						" "
.....	.....	51 10	58 58	109 68	3 43		Peter McKenzie.
.....	.....						*David Bell.

*Esplanade completed by contract.

CONCRETE CATCH-PITS BUILT IN 1892.

STREET.	Location.	No.
Argyle Street	Corner of Duke Street	1
Duke Street	“ west side Barrington Street	1
“	“ east “	1
“	“ east side Granville Street	1
“	“ west side Hollis Street	1
Hollis Street	“ Duke Street	1
“	Opposite Bank of Montreal	1
George Street	Corner west side Hollis Street	2
“	“ north side “	1
“	“ west side Granville Street	2
Prince Street	“ east side Barrington Street	1
“	“ “ Hollis Street	1
“	“ west side “	1
Granville Street	“ Sackville Street	1
“	“ Prince Street	1
“	“ Duke Street	1
Sackville street	“ Hollis Street	1
“	“ Granville Street	1
Barrington Street	“ Prince Street	1
“	“ Duke Street	1
“	Opposite Grand Parade	1
“	Between Jacob St. and Hurd's Lane	1
“	Between Hur-'s Lane and Proctor's Lane	2
“	Corner Proctor's Lane	2
“	Opposite St. Patrick's Hall	1
Pleasant Street	Foot of Inglis Street	1
“	Corner of South Street	1
“	Corner of Morris Street	1
Mitchell Street	South end	1
Bland Street	Corner of Inglis Street	2
Victoria Road	Between Inglis and Queen Streets	2
“	Corner of Queen Street	1
“	“ Bland Street	2
“	“ Lucknow Street	1
Inglis Street	“ Bland Street	1
“	“ Brussells Street	1
“	“ Lucknow Street	1
“	“ South Park Street	2
Lucknow Street	“ Inglis Street	1
“	“ Victoria Road	1
South Park Street	Opposite Catholic Cemetery	1
“	Corner of Victoria Road	1
“	“ Sackville Street	1
Tower Road	South of Inglis Street	2
“	North Corner of Inglis Street	2
“	Between Victoria Road and South Street	3
Sackville Street	Corner of South Park Street	1
“	Near corner of Dresden Row (N. side).	1

CONCRETE CATCH-PITS BUILT IN 1892.—(Continued.)

STREET.	Location.	No.
Rottenburg Street	Corner of Dresden Row	1
Dresden Row	" Morris Street	2
Brenton Street	" "	1
Queen Street	" Rottenburg Street	1
Queen Street	" Fenwick "	1
Robie Street	" Morris "	2
Morris Street	" Robie "	2
"	" Henry "	1
"	" Edward "	1
Seymour Street	" Morris "	1
Coburg Road		6
Church Street	Corner of Morris Street	1
South Street	" Pleasant Street	1
"	Halfway from Church St. to Pleasant St.	1
Lockman Street	Corner of Cornwallis Street	1
"	" Nisbet's Lane	1
"	North of Mr. Spain's stables	1
"	Corner of North Street	1
Gottingen Street	" Kaye Street	1
Upper Water Street	" Gerrish Street	1
"	" Gray's Lane	1
Agricola Street	" Harris Street	1
Cunard Street	Near Corner of Robie	1
"	Corner Chestnut Place	1
North Park Street	Head of Cornwallis Street	1
"	Between hd. of Cornwallis St. and John's Lane	1
Bauer Street	Corner of Cornwallis Street	2
Maynard Street	" "	3
Creighton Street	" "	3
Gottingen Street	" "	1
Maitland Street	" "	2
"	Corner of Prince William Street	1
Brunswick Street	Between Cornwallis Street and Gerrish Street	4
Cornwallis Street	Corner of Lockman Street	3
"	" Brunswick "	2
"	" Maitland "	2
"	" Gottingen "	2
"	" Creighton "	1
"	" Maynard "	1
"	" North Park "	1
Campbell Road	Opposite Round House	1

STREETS MACADAMIZED, 1892.

WARD.	Streets.	From.	To.	Remarks.
1.....	South Park...	South Street.	S. Gar. Road	Ward Funds and Per. Pavement.
2.....	Water.....	Sackville "	Bishop Street	" Slight repairs.
2.....	Hollis.....	Morris "	" "	" "
2.....	Pleasant.....	" "	Sackville "	" "
2.....	Sp. Gar. Road	Sth. Park "	Queen "	" "
2.....	Hollis.....	Prince "	Sackville "	Permanent Pavement.
3.....	Granville.....	Duke "	Prince "	" "
3.....	George.....	Hollis "	Barrington.	" "
3.....	Duke.....	" "	Argyle St...	" "
3 and 4	Quinpool Rd.	Oxford "	Pr. Arthur..	Ward Funds.
3 and 4	Cogswell.....	Nth. Park "	Robie Street.	" "
4.....	Barrington..	Jacob "	Cornwallis..	Permanent Pavement.
4 and 5	Chebucto Rd.	Oxford "	Eastwardly.	Ward Funds.
5 and 6	North.....	Brunswick "	Bellair Terr.	" "
5 and 6	".....	Robie "	Windsor St..	" "
6.....	Gottingen...	Almon "	Macara St...	" "
6.....	Water.....	R'y. Crossing	R'y. Bridge.	" "

GRANITE CURBING LAID IN 1892.

STREET.	From.	To.	Remarks.
Upper Water St.	Bell's Lane.....	Cornwallis St. . .	Reset old c'rbing (bth sides).
Barrington St.	Jacob Street.....	N'thwardly 84 ft.	Old curb reset (west side).
" "	84 ft. north of Jacob	Cornwallis St. . .	New curb laid "
" "	Proctor's Lane . . .	St. Patrick's Hall	Laid old curbstones.
" "	Duke Street.....	George Street...	Reset old curbing (e. side).
" "	Prince ".....	Sackville Street.	" "
Hollis " "	" ".....	" ".....	" " (both sides).
George " "	Hollis ".....	Granville ".....	" " (south side).
" " "	Water ".....	Ferry Wharf.....	" " (both sides).
Duke " "	Hollis ".....	Granville Street.	" " (south side).
" " "	Barrington Street	Argyle ".....	" " (north side).
Granville " "	Duke ".....	George ".....	" " (east side).
" " "	George ".....	Prince ".....	" " (both sides).
" " "	Sackville ".....	N'thwardly 72 ft.	" " (west side).
Sackville " "	Granville ".....	Barrington St. . .	" " (north side).
Norta " "	I. C. R. Station...	Lockman ".....	Laid new curb "
" " "	Lockman Street	Lorne Terrace...	" " "
Sth. Park " "	South ".....	Morris Street . . .	" " (east side).
South " "	Church ".....	Eastwardly 260 ft.	" " (north side).
Spg. Garden Rd..	Corner ".....	Queen Street....	New curb, 17 ft. (circle).
South Park St. . .	".....	South ".....	" " "
Argyle (west side)	Duke ".....	Sthwardly 125 ft.	to gate Moir Son & Co., reset.

GRANITE GUTTERS LAID IN 1892.

STREET.	From.	To.	Remarks.
Upper Water St.	Granville Street . . .	Cornwallis St. . .	West side.
" "	S. of Pentagon Bldg	" "	East "
Barrington St. . . .	Jacob Street.	" "	West "
" "	Proctor's Lane.	" "	East "
" "	Duke Street	George Street. . .	" "
" "	George "	S'thwardly 84 ft.	" "
" "	Prince "	Sackville Street. .	" "
Hollis " "	" "	" "	Both sides.
" "	Duke " "	George " "	West side.
George " "	Water " "	Ferry dock	Both sides.
" "	Hollis " "	Barrington St. . . .	" "
Duke " "	" " " "	" " " "	" "
" "	Barrington Street. .	Argyle " "	North side.
Granville " "	Duke " "	George " "	Both sides.
" "	George " "	Prince " "	" "
" "	Sackville " "	N'thwardly 72 ft.	West side.
Sackville " "	Hollis " "	West'w'dly 24 ft.	North side.
" "	Granville " "	Barrington St. . . .	" "
Argyle " "	Duke " "	S'thwardly 125 ft.	Front of Moir Son & Co.
North " "	I. C. R. Station. . . .	Lockman Street . . .	Northside.
" "	Lockman Street	Lorne Terrace	" "
Stb. Park " "	South " "	Fenwick Street. . . .	West side.
" "	Morris " "	South " "	East side.
South " "	Church " "	Eastwardly 260 ft	North side.
Spg. Garden Rd.	Corner of	Queen Street.	Circle at end of Crossing.

NOTE.—The foregoing statements are prepared from returns of John McDonald, foreman of works.

CONCRETE SIDEWALKS, 1892.

BARRINGTON STREET, FROM DUKE TO GEORGE.

Total cost, \$895.80.

Property owner.	Assessment.
J. Duffy	\$ 56 79
Miss Ann Godfrey	67 42
T. C. Johnson	75 30
W. B. Mahony	34 86
Farquhar & Forrest, Trustees	45 77
R. H. Cogswell	54 67
F. Cunningham, Agent.	23 66
J. C. Mackintosh	29 51
J. Ross	32 07
J. E. Roy	104 33

DUKE STREET, FROM BARRINGTON TO HOLLIS.

Total cost, \$709.66.

Property owner.	Assessment.
J. Duffy	\$ 54 82
W. B. McNutt, Trustee	40 91
A. Kaizer	88 00
A. K. McKinlay, Agent	57 97
C. Bayne	45 90
Brown & Webb	127 07

SACKVILLE STREET, FROM BARRINGTON TO GRANVILLE.

Total cost, \$361.32.

A. W. Redden	\$ 72 86
Mrs. Purcell	31 49
H. V. Wier	79 63

ARGYLE STREET, FROM DUKE TO MOIR SON & Co.'s GATEWAY.

Total cost, \$416.04.

Moir Son & Co.	\$ 171 70
Mrs. Austin	53 80

DUKE STREET, FROM BARRINGTON TO ARGYLE.

Total cost, \$429.15.

W. H. Pallister	\$ 113 63
Chalmers Hall, James Crawford, Trustee	109 76

HOLLIS STREET, FROM PRINCE TO SACKVILLE.

Total cost, \$1867.12.

WEST SIDE :—

Miss Buckley	\$32 11
G. M. Greer	29 78
Mrs. M. A. Stanford, R. Stanford, Agent	23 29
W. F. Knight	24 17
H. W. Barnes, Agent	48 55
Hon. W. J. Almon	33 66
H. W. Barnes, Agent	42 10
Halifax Club, J. T. Wylde, Secretary	107 34
Wm. Miller	115 77

EAST SIDE :—

Queen Building, W. B. Kellog, Agent	112 03
Farquhar, Forrest & Co.	35 85
W. L. Lowell & Co., Agents	21 03
P. Lynch, Agent	32 45
F. Elliot	28 29
Mrs. Ross, Agent	74 69
Hunter Estate, H. W. Barnes, Agent	64 09
M. U. Lenoir	32 88
H. W. Barnes, Agent	39 53
J. T. Wylde, Agent	135 78
C. J. Spike, Agent	92 60

BARRINGTON STREET, FROM PRINCE TO SACKVILLE.

Total cost, \$844.47.

Property owner.	Assessment.
A. Stephens	\$57 42
Mahon Bros.....	38 96
J. Donald	55 14
Miss A. Tremaine	44 77
Miss Sutcliffe	47 73
Jas. Thomson, Agent.....	99 02
Estate Wm. Howe, D. Howe, Agent	65 35
A. W. Redden	75 43

GRANVILLE STREET, FROM PRINCE TO KENNY'S CORNER.

Total cost, \$706.96.

Mrs. E. A. Kearney.....	\$57 19
George Flawn	43 38
Wm. Archibald, Agent, Truro	66 08
George Nichols	52 64
Thos. Stevens.....	104 77
Blackadar Bros	29 84
E. W. Wright.....	27 31
J. Thomson, Agent.	34 20

GRANVILLE STREET, EAST SIDE, FROM GEORGE TO DUKE STREET.

Total cost, \$812.72.

H. P. Burton	\$104 24
J. Cornelius	26 14
W. H. Longard	26 39
F. Elliot	26 23
Wood Bros	58 66
A. & W. MacKinlay, Agents	58 10
James Forrest, Agent	69 77
A. K. MacKinlay, Agent.....	98 77

UPPER WATER STREET, EAST SIDE.

Total cost, \$2174.55.

S. L. Shannon, Trustee, and Thos. Ritchie and John Y. Payzant, Trustees	\$58 21
W. Lawson, Agent	115 95
John Doull	7 77
J. Cronan	99 56
Jos. Verge	42 01
Wm. Lovegrove	31 56
J. R. Siteman	64 34
Mrs. M. A. Regan	42 01
S. R. Sircorn, Agent.....	46 30
Brookfield Bros	41 37
T. A. S. DeWolf & Son	71 27
Estate of Catherine Dunn	33 28
S. Cunard & Co.....	430 16
Capt. Matson	70 07
Daniel Baker	72 64

CONTRACTS, 1892-93.

WATER DEPARTMENT.

DESCRIPTION.	Contractor.	Rate.	Amount.	Extras.
4" Rotary Pump	W. & A. Moir.....		\$ 170 00	\$34 84
Telephone poles	Geo. Um'ah	\$0.50.....	62 00	
Telephone	N. S. Telephone Co.....	\$50 per annum.		

NEW PIPE LINE.

Iron straps for 15" High } service main.....	John Patterson.....		\$ 300 00	
New road near Chain lakes } 9', 12', 24" and 27" Pipe } with trnd & bored joints } 3" and 15" H. & S. pipe... }	J. W. McDonald		4339 00	
Turned and bored spec....	D. Y. Stewart & Co.....	\$32.05 per ton.		
H. & S. Specials	" "	31.50 "		
27" valves	" "	56.10 "		
24" "	" "	49.55 "		
20" "	Glenfield Co.....		\$ 250 63	
15" "	" "	\$199.53	798 12	
12" "	" "	114.97	229 94	
9" "	" "	58.40	233 60	
6" "	" "	37.72	226 32	
	" "	23.85	214 65	
	" "	13.14	328 50	

SEWERAGE.

Cement	Black Bros. & Co.....	\$2.35		
Bricks	Inter. Brick & Tile Co..	8.50 per M		
Esplanade outlet.....	Jas. W. McDonald....		\$5755 00	\$42 95
Rent of lot, Robie St.....	Jas. H. Dow.....	\$2.00 per Mo..	24 00	
Round manhole tops	John Kline.....	9.00 each		
Square " "	" "	7.00 "		
" " " 4 pcs.	" "	4.00 "		
Straight catch-pit curb	" "	6.00 "		
Corner " "	" "	8.00 "		

INTERNAL HEALTH

Water Motor.....	Backus Water Motor Co.		\$ 275 00	
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CONTRACTS.—(Continued).

PERMANENT PAVEMENT.

DESCRIPTION.	Contractor.	Rate.	Amount.	Extras.
16" Granite gutters.....	John Kline.....	41 cts. per foot.		
Circular ".....	".....	68 " "		
Straight curb.....	".....	64 " "		
Circular ".....	".....	75 " "		
3" Drain tiles.....	F. Hyde & Co.....	3½ " "		
Hauling broken stone to Water Street.....	P. Washington.....	2½ " bus.....		
Hauling stone to Crusher	A. J. Nicholson.....	1 $\frac{9}{10}$ " bus.....		

HOSPITAL FOR INFECTIOUS DISEASES.

Painting.....	J. E. M. Taylor.....		\$ 304 00	
Cesspit drain and trench for Water Pipe.....	Colin McGillivray.....		287 00	
Deepening well.....	".....		55 00	

CITY PROPERTY.

Painting Police Station...	Dunsworth & Jones.....		\$ 124 24	
Fence West and James Sts	Eli Evans.....		399 00	\$8 50

CHARITIES COMMITTEE REPORT.

HALIFAX POOR'S ASYLUM,

April 30th, 1893.

To the Chairman and members of Charities Committee :

GENTLEMEN,—I hereby submit for the information of His Worship the Mayor and City Council, the seventh annual report of the Halifax Poor's Asylum.

At the beginning of the year there were 274 inmates in the institution; 136 men, 122 women, and 16 children.

The smallest number in the institution at one time was 265 on July 7th, 1892, and the largest number was 340, on March 10th, 1893.

There were 279 persons admitted during the year, and 31 born in the house.

The inmates have been employed at general house-work, and have made and repaired all the shoes and clothing for the institution.

The hospital wards have been removed from the first to the second floor; as this floor is much quieter than the one formerly occupied, it will add in a large degree to the comfort and convenience of the sick.

The enlarging and better ventilating the insane wards was found necessary, owing to the fact that the number of harmless insane patients admitted into the institution was largely on the increase.

The accommodation has been made greater by converting the whole lower floor into an insane ward. The ventilation in this ward has been wonderfully improved by making several openings and two large archways in the brick wall which formerly divided the wards, thus allowing a current of air to pass through from one side of the building to the other.

Appended you will find the name, age, birth-place, and religious persuasion, with the total number of days of each inmate from May 1st, 1892, to April 30th, 1893.

Respectfully submitted,

JAMES H. DOW,

Superintendent.

MALES CHARGEABLE TO THE CITY.

NAME.	AGE.	RELIGION.	BIRTH-PLACE.	DAYS.	REMARKS.
Anthony, James	54	R. C.	Halifax	365	
Aikenhead, David	27	M.	Colchester Co.	365	Insane.
Allen, Arthur James	36	E.	Liverpool, N. S.	248	"
Allen, John	30	R. C.	Halifax	14	"
Brennan, Michael			Ireland	365	
Barrie, Richard	64	"	"	365	Insane.
Brodie, Charles	42	P.	Halifax	365	"
Burke, William	46	R. C.	Ireland	365	
Bulger, Peter	68	"	"	273	
Brown, Charles	46	"	Halifax	365	
Butler, Martin	93	"	Ireland	337	
Brown, Henry	56	E.	"	365	
Bowler, Simon	81	R. C.	"	365	
Byrnes, James	59	"	"	358	
Bowler, Patrick	37	"	Halifax	365	
Bradshaw, Richard	77	"	Ireland	365	
Buckley, Thomas	51	"	Halifax	143	
Brown, Richard	71	"	Rawdon, Hants Co.	153	
Bowler, Stephen	28	"	Halifax	7	
Boutillier, Wm. Thomas	40	"	Halifax Co.	73	
Baxter, Richard		E.	Halifax	102	
Byrnes, Patrick		R. C.	Ireland	82	
Boutillier, William	14	"	Halifax	4	
Byers, William				22	Insane.
Cleas, Augustus	56	"	Antwerp	104	
Carr, George	50	E.	Halifax	365	
Carroll, Thomas	70	R. C.	Ireland	365	
Coolen, William	75	"	Halifax	365	
Curtis, George	75	E.	England	33	
Connors, Martin	30	R. C.	Halifax	169	
Connolly, John T.	46	"	Gibraltar	236	
Carey, Patrick		"	Halifax	190	
Connors, Dennis	30	"	Halifax	45	
Connolly, William	69	"	Ireland	93	
Connors, Thomas	22	"	Newfoundland	71	
Callaghan, John	80	"	Ireland	44	
Deffit, George	77	E.	England	365	
Drew, William	40	R. C.	Halifax	365	
DeYoung, Edward	26	"	"	365	Insane.
Dalling, William	74	E.		365	
Dean, John	82	"	England	365	
Devine, Donald	68	P.	Scotland	365	
Day, Thomas	51	R. C.	Ireland	365	
Donaldson, John	48	P.	Halifax	292	
Deminas, George		B.	"	89	
Dunn, Joseph				193	Insane.

MALES CHARGEABLE TO THE CITY — (Continued).

MALES.	AGE.	RELIGION.	BIRTH-PLACE.	DAYS.	REMARKS.
Donnelly, Peter	63	R. C.	Halifax	177	
Dunphee, Edward	67	"	"	127	
Donovan, Patrick	42	"	"	64	
Ellis, Frederick	51	"	"	365	
Elliot, Charles	23	W.	Dartmouth	21	
Edwards, Walter	45	R. C.	P. E. Island	132	
Foster, Samuel	63	B.	Halifax	365	
Foley, Michael	76	R. C.	Ireland	365	
Forhan, Nicholas	74	"	"	365	
Fenton, William	47	"	Halifax	339	
Frizzell, Clement	35	B.	"	365	Insane.
Flaherty, William	54	R. C.	Ireland	2	
Gooley, Alex	79	"	"	365	
Goreham, William	77	E.	Halifax	11	
Gillis, Robert	56	R. C.	"	365	
Gear, Michael	75	"	Ireland	365	
Graham, Alexander	63	"	Halifax	350	
George, Alexander	48	E.	"	103	
Gilfoy, John	80	R. C.	Ireland	299	
Graham, Charles	49	E.	Halifax	106	
Hunt, Patrick	80	R. C.	Ireland	365	
Hamilton, John B.	48	E.	Halifax	365	
Hickey, Lawrence	62	R. C.	"	365	Insane.
Harmony, Patrick	64	"	Ireland	365	"
Herkes, George	62	P.	Halifax	365	
Howley, Martin	67	R. C.	Ireland	54	
Hurshman, Charles	65	P.	Halifax	362	
Hall, John	76	E.	England	316	
Hickey, Michael	76	R. C.	Ireland	300	
Hamilton, Robert	63	E.	United States	28	
Hays, Henry	28	R. C.	Halifax	153	
Isnor, William	77	M.	Halifax Co.	359	
Joint, Andrew	72	R. C.	Ireland	365	
Jones, Thomas	20	P.	Halifax	237	
Jackson, Thomas	73	E.	Ketch Harbor	301	
Johnson, Isaac	76	B.	Halifax	339	
Johnson, William	43	"	Barbadoes	9	
Johnson, William	40	E.	Halifax	16	
Kelly, Michael	25	R. C.	"	365	Insane.
Kenny, Thomas	54	"	"	320	
Kennedy, James	62	"	Ireland	179	
Killam, John	51	B.	Halifax	114	
Killam, Charles .....	...	"	" .....	134	
Killam, Henry .....	...	"	" .....	32	
Kellogg, Thomas	27	E.	"	56	
Lynch, Thomas	45	R. C.	"	365	Insane.
Laurilliard, Richard .....	...	E.	"	365	"
Laughlan, Michael	45	R. C.	"	365	"

MALES CHARGEABLE TO THE CITY—(Continued.)

NAME.	AGE.	RELIGION.	BIRTH-PLACE.	DAYS	REMARKS.
Lannon, John	54	R. C.	Halifax	365	
Levens, John	64	E.	Ireland	365	
Leonard, William	79	R. C.	Halifax	365	
Lewis, John	56	E.	England	157	
Light, William	52	"	Halifax	365	
Laidlaw, Adam				193	Insane.
Lindsay, John	72	E.	Halifax	145	
Loneragan, Richard	50	R. C.	"	107	
Leahy, James	73	"	"	28	
Moriarity, John	82	"	Ireland	365	
Mahoney, Jeremiah		"	"	365	Insane
Meagher, William	75	"	Ireland	365	
Meagher, Laurence	81	"	"	365	
Meagher, Thomas	69	"	"	365	
Maloney, James	39	"	Halifax	221	
Murray, Walter	57	"	Ireland	48	
Murphy, Michael	61	"	Halifax	255	
Martin, John	83	E.	Ireland	198	
Mahan, John	56	R. C.	Newfoundland.	237	
Mullowney, William	73	"	Ireland	191	
Merriman, George	67	B.	Halifax	166	
Magee, John	79	R. C.	Ireland	162	
Morris, Thomas	56	"	"	192	
Moran, Patrick	57	"	"	137	
Maddigan, Patrick	50	"	Halifax	164	
Manning, James	32	"	"	28	
McKenna, Michael	70	"	Ireland	359	
McAllis, Neil	78	"	"	365	Insane.
McInnis, James	77	"	"	365	
McEwan, Michael	47	"	"	325	
McCulloch, Samuel	75	B.	"	365	
McAvoy, Patrick	88	R. C.	"	62	
McDonald, Laurence	44	"	Halifax	176	
Newman, Francis	23	"	"	2	
O'Donnell, James	81	"	Ireland	102	
O'Hearn, Michael	45	"	"	365	
O'Neil, Maurice	57	"	"	237	
Orman, John	76	"	"	193	
O'Rourke, Thomas	74	"	"	365	
O'Leary, D. O	57	E.	Scotland	159	
Power, Frank	74	R. C.	Ireland	270	
Pettipas, Joseph	80	"	Halifax County	365	
Parker, Alfred	64	M.	"	365	Insane.
Power, James	65	R. C.	Ireland	365	
Phelan, John	73	"	"	194	
Ryan, John L	72	"	"	180	
Ryan, John B	58	"	Kings County.	365	
Robar, William	32	E.	Guysboro "	176	

MALES CHARGEABLE TO THE CITY—(Continued.)

NAME.	AGE.	RELIGION.	BIRTH-PLACE.	DAYS	REMARKS.
Robinson, Samuel	77	P.	Scotland	312	
Stewart, Alex	80	"	"	365	
Stewart, James	81	"	"	365	
Small, Edward	71	E.	"	365	Insane.
Shea, Thomas	"	R. C.	Newfoundland	365	Insane.
Sullivan, Patrick	80	"	Ireland	365	Insane.
Sullivan, Thomas	76	"	"	365	
Sullivan, Patrick	41	"	Halifax	365	
Sheehan, Edward	58	"	Ireland	184	
Stacy, Thomas	62	E.	England	121	
Shelly, Timothy	70	R. C.	Ireland	296	
Shea, Patrick	65	"	"	160	
Smith, William	"	E.	Halifax	86	
Saunders, Alexander	59	R. C.	Ireland	29	
Skean, William	"	E.	"	193	Insane.
Simes, William	65	P.	Scotland	140	
Somers, William	48	E.	England	113	
Smith, Thomas	35	"	Halifax	96	
Todd, James	39	P.	Scotland	365	Insane.
Thompson, Fitzgerald	53	E.	Halifax	198	
Thompson, Frank	22	R. C.	"	365	Insane.
Umlah, Benjamin	24	E.	"	365	Insane.
Wade, James	"	R. C.	"	365	
Warren, John	57	"	"	365	
Wells, Robert	50	E.	Dartmouth	365	
Wilson, Joseph	68	R. C.	Ireland	365	
White, William	73	E.	England	365	
Wilson, George	73	M.	Halifax	285	
Walsh, John	45	R. C.	"	365	
Walsh, Edward	63	"	"	192	
Waistcot, William	43	E.	England	103	
Walker, Patrick	22	R. C.	Halifax	132	
Walker, Michael	26	"	"	8	
Wells, William	50	E.	England	30	

FEMALES CHARGEABLE TO CITY.

NAME.	AGE.	RELIGION.	BIRTH-PLACE.	DAYS.	REMARKS.
Anderson, Jane	43	E.	Chester	365	
Anderton, Mary		"	Halifax	365	
Axtell, Alice M	23	R. C.	"	73	
Bendus, Sarah	75	B.	United States	8	
Bowers, Ann	45	R. C.	Halifax	365	
Baker, Mary	80	"	Ireland	365	
Bissett, Ann	69	E.	Scotland	365	
Barrie, Cassie	45	M.	Halifax County	81	
Butler, Jane	36	B.	Halifax	8	
Burnell, Catharine	42	R. C.	"	33	
Boutilier, Isabella	20	E.	Sheet Harbor, N. S.	25	
Brown, Blanche	22	"	Halifax	20	
Connolly, Fanny	74	R. C.	Ireland	365	
Connolly, Bridget	77	"	"	365	
Connors, Elizabeth	59	"	Ketch Harbor	52	
Crowe, Mary	75	"	Halifax	299	
Cook, Margaret	29	E.	Hants County	49	
Cunningham, Ellen	33	"	Halifax	120	
Callahan, Ellen F	40	S. A.	"	124	
Connors, Mary	80	R. C.	Ireland	90	
Caskel, Ellen	23	E.	Halifax	45	
Dalton, Ann	77	R. C.	Ireland	365	
Delaney, Margaret		"		365	Insane.
Dorey, Jeanette				365	Insane.
Doyle, Margaret	33	R. C.	Halifax	365	
Downie, Johanna	51	"	"	365	Insane.
Devereaux, Mary	25	"	L'Ardoise, C. B.	3	
Dunphy, Bridget	58	"	Sydney, C. B.	235	
Deming, Annie	34	"	Ireland	130	
Douglass, Jessie	42	E.	Scotland	52	
Evens, Catharine	54	"	Halifax	365	
Edy, Johanna	63	R. C.	Ireland	365	
Essex, Catherine	67	"	"	365	
Evens, Lydia	29	E.	Halifax	172	
Ferguson, Margaret		R. C.		365	Insane.
Flowers, Mary		M.		365	Insane.
Frederick, Abby	68	B.	Ocean	365	
Fraser, Elizabeth	25	E.	Halifax County	365	
Forshaw, Mary		R. B.	Newfoundland	365	
Fraser, Mary	20	"	P. E. Island	4	
Forrestal, Bridget				49	
Feltmate, Florence	18	M.	L'Ardoise	34	
Farquhar, Mary	26	E.	Liverpool, N. S.	40	
Forbes, Minnie	25	R. C.	Halifax	20	
Grant, Margaret		P.	Newfoundland	365	Insane.
Goreham, Louise	63	E.	Halifax	365	

FEMALES CHARGEABLE TO THE CITY—(Continued.)

NAME.	AGE	RELIGION.	BIRTH-PLACE.	DAYS.	REMARKS.
Green, Charlotte	43	R. C.	Newfoundland	365	Insane.
Gillis, Isabella	..	"	Cape Breton	365	
Godfrey, Esther	64	E.	Lunenburg	365	Insane.
Gidney, Ann	78	R. C.	Ketch Harbor	365	
Griffin, Margaret	40	"	Cape North, C. B.	47	
Gilfoy, Eleanor	..	..	..	193	Insane.
George, Mary	33	E.	England	100	
Hays, Catherine	55	B.	Halifax	365	
Hurley, Margaret	56	R. C.	"	365	
Hurley, Ellen	50	"	"	365	
Hartrey, Mary	68	"	Ireland	365	
Horton, Lydia	85	B.	Sheet Harbor, N. S.	365	
Horton, Alice	47	R. C.	Sydney, C. B.	151	
Hickey, Ann	56	"	Halifax County	360	
Howly, Kate	18	"	Halifax	72	
Johnson, Violet	68	B.	"	340	
James, Margaret	98	"	Georgia, U. S.	1	
Jewer, Maria	32	M.	Marie Joseph, N. S.	11	
Kiddy, Annie	..	E.	England	338	Insane.
Keiley, Kate	20	R. C.	Halifax	365	
Kearnes, Sarah	64	E.	England	365	
Kelly, Mary	35	R. C.	Halifax	365	
Kline, Margaret	43	E.	"	365	
Kenny, Jeanette	44	"	"	226	Insane.
Killam, Martha	32	B.	"	268	
Kinsella, Margaret	..	..	..	7	
Killam, Josie	..	B.	Halifax County	32	
Keizer, Letitia	18	E.	Smith's Cove, H. C.	65	
Lunn, Ellen	76	R. C.	Halifax	365	
L'wless, Catharine	45	"	"	365	
Lee, Annie	33	E.	England	4	
Linnahan, Louisa	24	"	Halifax	200	
Lindsay, Rebecca	70	"	Halifax County	249	
Light, Sophia	..	"	England	191	
Lowe, Mary	35	R. C.	Halifax	46	
Legg, Alice	33	"	"	43	
Meagher, Alice	70	"	Ireland	259	
Mitchell, Mary	58	E.	Halifax	365	
Marks, Mary J.	58	R. C.	"	365	
Morrissey, Ellen	61	"	Ireland	365	
Murphy, Ann	75	"	Hants County	365	
Melvin, Sophia	74	M.	Ireland	365	
Martin, Mary	68	R. C.	"	1	
Murphy, Johanna	47	"	Chezsetcook	149	
Morris, Mary A.	38	"	Shubenacadie	21	Squaw.
Morrow, Annie	48	"	Halifax	128	
Munroe, Lizzie	25	M.	Denmark, N. S.	6	
Myatt, Maggie	24	R. C.	Chezsetcook	48	

FEMALES CHARGEABLE TO THE CITY—(Continued.)

NAME.	AGE.	RELIGION.	BIRTH-PLACE.	DAYS.	REMARKS.
McLean, Elizabeth	71	E.	Halifax	365	
McDonald, Catherine	74	P.	Scotland	365	
McLaughlan, Sarah	71	R. C.	Ireland	365	Insane.
McLaughlan, Jane	70	E.	"	365	Insane.
McGillivray, Margaret		R. C.	Newfoundland	365	Insane.
McCarthy, Ann		"	Halifax	365	
McKeagney, Mary	53	"	Ireland	365	Insane.
McInnis, Mary Margaret	70	"	"	365	
McDonald, Sarah	31	"	Mainadieu, C. B.	234	
McReynolds, Jeanette	34	E.	Halifax	365	Insane.
McGann, Bridget	27	R. C.	Newfoundland	10	
McKenzie, Sadie	22	M.	Halifax	128	
McPherson, Annie	25	P.	St. Peters, C. B.	14	
McLennan, Mary Ann	26	R. C.	Halifax	34	
McDonald, Agnes	75	M.	"	96	
McDonald, Mary	24	R. C.	"	26	
Now, Kate	40	"	Lunenburg	365	
Nowlan, Anastasia	85	"	Ireland	365	
Norton, Bessie	26	E.	P. E. Island	98	
Nash, Mary	43	R. C.	Mainadieu, C. B.	239	
Norris, Margaret				193	Insane.
Nott, Agnes	33	R. C.	Ireland	40	
O'Brien, Mary	68	"	"	355	
O'Brien, Lavinia	36	"	Halifax	365	
O'Brien, Fanny	24	"	Cape Breton	40	
O'Leary, Ellen	20	"	Halifax	94	
O'Hearn, Mary		"	"	8	
Philips, Ellen	43	E.	England	365	Insane.
Preston, Ellen	44	"	Halifax	365	
Pholman, Catharine	93	"	"	320	
Power, Ellen	65	R. C.	Pictou County	365	
Parmiter, Bessie	33	E.	Newfoundland	61	
Place, Ann	33	R. C.	England	6	
Pearce, Ellen		"	"	58	
Quinlan, Bridget	24	"	Halifax	93	
Ring, Mary	59	"	"	365	Insane.
Rogers, Susan		B.	Halifax	365	
Reid, Louisa	48	"	"	365	
Richey, Jane	65	E.	Halifax County	365	
Ryder, Alice M	32	B.	Yarmouth	365	Insane.
Russell, Mary Ann	56	P.	Halifax	365	
Rice, Margaret	51	E.	Miramichi	224	
Rourke, Lizzie	26	"	Halifax	133	
Stamp, Elizabeth		R. C.	Newfoundland	365	Insane.
Silver, Cecilia				365	Insane.
Sullivan, Hannah	69	R. C.	Ireland	365	
Saunders, Phoebe	85	B.	United States	365	
Symons, Nancy	71	"	Halifax	296	

FEMALES CHARGEABLE TO THE CITY—(Continued.)

NAME.	AGE.	RELIGION.	BIRTH-PLACE.	DAYS.	REMARKS.
Sentle, Ellen	36	E.	Halifax	259	
Shea, Catharine	24	R. C.	"	78	
Siteman, Lizzie	25	E.	Ship Harbor	20	
Shackleton, Margaret	26	R. C.	Cumberland County	3	
Shea, Johanna	65	"	Ireland	48	
Troy, Bridget	73	"	"	365	
Toomey, Elizabeth	87	"	"	365	
Tobin, Susan	65	.....	Halifax	365	
Turple, Catharine	72	E.	"	365	
Troy, Catharine	77	R. C.	Ireland	365	
Thompson, Margaret	78	M.	Shelburne	365	
Wales, Bessie	29	E.	Halifax	202	
White, Teresa	22	R. C.	Prospect	365	
Willoby, Sarah	71	"	Ireland	254	
Windry, Lucy	66	B.	Halifax	185	
Wilkie, Annie	27	R. C.	Ketch Harbor	68	
White, Mary	18	P.	North Sydney	2	

CHILDREN CHARGEABLE TO THE CITY.

NAME.	AGE.	RELIGION.	BIRTHPLACE.	DAYS.	REMARKS.
Axtel, Alice		E.	Poor's Asylum ..	7	
Curley, Archibald	4 mo.	"	"	88	
Clark, Levina .....		.....	" .....	23	
Cook, Ethel		E.	"	27	
Cunningham, George	18 mo.	"	Halifax	120	
Connolly, Joseph		R. C.	Poor's Asylum ..	30	
Casey, Mary		"	"	61	
Doyle, Mary	2	"	"	365	
Devereaux, Walter		E.	"	9	
Dickson, Howard		"	"	6	
Evens, Joseph		"	"	170	
Feltmate, William	4 hrs.	M.	Halifax	34	
Farquharson, Mary		P.	Poor's Asylum ..	10	
Gall, Isabella		E.	"	26	
Geary, Ethel Rose		M.	"	26	
Harris, Charles W.	2	E.	"	14	
Howley, Charles		R. C.	"	8	
Keizer, Florence		E.	"	24	
Kline, John		"	"	304	
Light, William	12	"	Halifax	365	

CHILDREN CHARGEABLE TO THE CITY.—(Continued.)

NAME.	AGE.	RELIGION.	BIRTHPLACE.	DAYS.	REMARKS.
Legg, Joseph		R. C.	Halifax	43	
Mercer, Samuel	21 mo.	E.	Poor's Asylum ..	365	
Moore, Samuel	5 days	"	"	280	
Myatt, Mary		R. C.	"	25	
Murphy, Mary Francis		"	"	23	
McLennan, William		"	"	28	
McKenzie, Gertrude		M.	"	64	
McDonald, Ellen Francis		R. C.	"	26	
McGann, Mary E.	5	"	Halifax	10	
McGann, Andrew	2	"	"	10	
McGann, Michael	11 mo.	"	"	10	
Norton, Mary Lillian		E.	Poor's Asylum ..	25	
O'Brien, Anastatia		R. C.	"	25	
O'Leary, Mary E.		"	"	31	
Place, Robert	8	"	Windsor	6	
Place, Alice	7	"	"	6	
Place, Mary Ann	6	"	"	6	
Place, James	4	"	"	6	
Place, Annie	3	"	"	6	
Parmiter, Geoffrey		E.	Poor's Asylum ..	32	
Smith, Daniel	9	"	Halifax	365	
Shakell, Arthur	4	"	Poor's Asylum ..	14	
Shakell, Ruth		"	"	30	
Siteman, Douglas A.		"	"	20	
Sentner, Helena B.		R. C.	"	25	
Shackleton, Thos. H.	7	"	River John	3	
Shackleton, Geo. A.	4	"	New Glasgow	3	
Shackleton, John J.	8 mo.	"	"	3	
Shea, Francis M.	14	"	"	122	
Shephard, Jane		E.	Poor's Asylum ..	28	
Samuelson, Mary		"	"	35	
Thomson, James	3 mo.	"	Halifax	291	
Wilkie, Mary		R. C.	Poor's Asylum ..	5	
Zeikell, John		"	"	64	

MALES CHARGEABLE TO THE PROVINCE.

NAME.	AGE.	RELIGION.	BIRTHPLACE.	DAYS.	REMARKS.
Anderson, Yohan	32	L.	Stockholm	365	
Austin, John	65	E.	Ireland	66	
Abraham, Henry	16	"	England	172	
Bauer, Arthur	28	P.		365	
Brownswood, Ferdinand	53	L.		365	
Burke, Patrick	25	R. C.	Mainadieu	365	
Brogan, Michael	65	"	Ireland	96	
Burke, John	76	"	"	266	
Boyle, Charles	29	E.	England	290	
Bernard, Chas. A.	41	S. A.	State of Maine	59	
Bernard, James	12	R. C.	Chatham, N. B.	94	
Connolly, Patrick	56	"	Ireland	365	
Coleman, Frank	33	"	Dutchland	365	
Cummins, John	80	"	Ireland	365	
Coakly, Patrick	82	"	"	365	
Campbell, James	52	E.	"	340	
Carney, James	32	R. C.	Toronto	1	
Cleary, Patrick	60	"	Newfoundland	12	
Cashen, John	35	"	New York	9	
Campbell, William	45	P.	Scotland	32	
Collins, James	24	R. C.	Ireland	26	
Daley, Peter	75	"	"	365	
Drummond, William	68	"	"	310	
Dodd, James	62	"	England	62	
Edwards, Joseph	20	"	Kingston, Canada	25	
Farmer, William	22	E.	Toronto,	25	
Gaetz, Bismark	42	L.		365	
Gardiner, William				365	
Gregory, Edward	28	E.	England	9	
Galvin, Patrick	27	R. C.	Montreal	9	
Getchell, Henry	35	"	State of Maine	9	
Haley, Michael	74	"	Ireland	169	
Hickey, John	64	"	"	289	
Higgins, Charles	29	E.	England	37	
Holland, Owen	38	R. C.	Toronto	25	
Hamilton, Henry	31	P.	Montreal	25	
Hughes, William	17	"	Glasgow, G. B.	7	
Harling, John		R. C.	Ireland	113	
Harrison, Charles M.	33	M.	Norfolk, Va.	73	
Jones, Joseph	32	R. C.	Montreal	9	
Johnson, George	68	G.	Greece	59	
Kibble, Henry	47	E.	England	295	
Kausch, Ferdinand	30	L.		142	
Key, Henry Chas.	17	E.	England	111	
Kinder, Sidney	63	"		1	
Lawlor, Henry	74	R. C.	Ireland	365	
Lacey, Richard	77	E.	England	365	
Lochrie, William	16	P.	Glasgow, G. B.	7	

MALES CHARGEABLE TO THE PROVINCE.—(Continued.)

NAME.	AGE.	RELIGION.	BIRTHPLACE.	DAYS.	REMARKS.
Laurence, John	19	E.	Boston	9	
Ledg, Philip	39	L.	Germany	35	
Mitchell, John	66	P.	Scotland	283	
Michael, Johann			Germany	365	
Mann, Willam	62	R. C.	England	222	
Mylett, John	28	"	Toronto	9	
Murphy, Jeremiah	16	"	England	7	
McAinsh, James	46	"	St. John, N. B.	365	
McArthur, Alex	18	E.	Glasgow, G. B.	7	
McMann, Patrick	37	R. C.	Belfast, P. E. I.	117	
McCann, John	28	"	Ireland	43	
Owen, Richard	36	E.	England	10	
Parr, George Wm	59	"	"	365	
Preston, Benjamin	58	R. C.	Ireland	365	
Purvis, Alexander	44	P.	Philadelphia	22	
Purcell, Patrick	66	R. C.	Ireland	194	
Payne, Alfred	29	E.	England	9	
Partridge, Thomas	36	"	"	9	
Power, Michael	57	R. C.	Ireland	75	
Purcell, James	19	"	Newfoundland	3	
Pym, Edward	30	"	"	28	
Pengree, Nicol			Italy	166	
Quirk, Francis	25	R. C.	Harbor Grace, Nfld.	21	
Rooney, James	61	"	Ireland	365	
Rawley, Thomas	45	"	"	365	
Ryan, Pierce	69	"	Newfoundland	86	
Stoker, George	71	E.	England	365	
Shannahan, James			Newfoundland	277	
Shuttleworth, Thomas	24	E.	Toronto	9	
Seford, Mark	25	"	England	60	
Stead, P. S.	32	"	"	4	
Stapleton, James	40	R. C.	Newfoundland	11	
Thompson, Walter	16	E.	New York	13	
Turner, Henry	40	R. C.	Montreal	5	
Taylor, Joseph	22	"	Austria	20	
Venzia, Manol	28		Portugal	228	
Wallace, James	54	R. C.	Ireland	365	
Westlake, William	20	E.	England	365	
Wilson, James	53	"	Ireland	239	
Winterbourne, Samuel	45	"	Montreal	25	
Ward, John	63	R. C.	Ireland	94	

FEMALES CHARGEABLE TO THE PROVINCE.

NAME.	AGE.	RELIGION.	BIRTHPLACE.	DAYS.	REMARKS.
Blyth, Madeline	45	B.		365	
Butler, Mary Ann	75	R. C.	P. E. Island	35	
Bellman, Jessie	18	M.	Newfoundland	26	
Costley, Catherine	79	R. C.	Ireland	365	
Coleman, Bertha	66	"		365	
Cormack, Eliza	75	E.		365	
Curley, Susan	26	"	Newfoundland	88	
Clark, Annie	28	R. C.	"	78	
Casey, Mary Ann	20	"	Ireland	184	
Connolly, Margaret	18	"	P. E. Island	46	
Dickson, Mary	30	P.	"	58	
Doran, Margaret	31	R. C.	St. John's, Nfld	37	
Drummond Mary Ann	51	"	Fredericton, N. B.	284	
Davis, Jane	20	E.	England	163	
Delaney, Margaret	22	R. C.	Newfoundland	40	
Finn, Margaret	66	P.	Scotland	263	
Fraser, Charlotte	18	"	England	1	
Farquharson, Seretha Jane	26	"	Lot 48, P. E. Island	63	
Gall, Kate	19	"	Scotland	80	
Geary, Rose	18	M.	Newfoundland	26	
Gregis, Mary	19	R. C.	Bermuda	23	
Hames, Mary	71	"	Ireland	365	
Holt, Ann		"	"	365	
Heenan, Elizabeth	52	"	"	365	
Hotson, Ellen	32	M.	England	365	
Hartland, Agnes	44	E.	Scotland	321	
Ingliss, Mary Louisa	35	"	India	250	
Lannon, Margaret	81	R. C.	Ireland	365	
Lefever, Catharine	64	"	"	365	
Moore, Emma	26	E.	Newfoundland	280	
Manning, Mary		R. C.	New Brunswick	253	
Murphy, Ellen	26	"	Newfoundland	95	
McGillivray, Elizabeth	79	"		365	
McKinnon, Mary	68	P.	Scotland	317	
McIsaac, Mary	41	R. C.	"	10	
O'Neil, Ann	71	"	Ireland	365	
O'Hara, Mary E.	37	"	P. E. Island	322	
O'Hearn, Emily	23	"	Newfoundland	50	
Pinder, Frances	36	B.	Nassau	365	
Pine, Mary	80	R. C.	Ireland	365	
Payne, Elizabeth	43	"	England	365	
Purcell, Ellen	24	"	Newfoundland	84	
Rafuse, Elizabeth	37	E.	Halifax Co	365	
Ryan, Ellen			Newfoundland	365	
Robinson, Margaret	22			362	
Shakell, Emma	33	E.	England	62	
Shinner, Elizabeth	45	R. C.	Newfoundland	273	
Sentner, Annie	18	"	P. E. Island	47	

FEMALES CHARGEABLE TO THE PROVINCE.—(Continued.)

NAME.	AGE.	RELIGION.	BIRTHPLACE.	DAYS.	REMARKS.
Shephard, Bridget	23	E.	Newfoundland	29	.....
Sidebottom, Mary	35	"	England	73	.....
Samuelson, Mary	20	R. C.	Newfoundland	35	.....
Tucker, Hannah	57	"	Ireland	366	.....
Whalen, Annie	29	E.	Newfoundland	252	.....
Zeikell, Mary Ann	26	R. C.	"	76	.....

CHILDREN CHARGEABLE TO THE PROVINCE.

NAME.	AGE.	RELIGION.	BIRTHPLACE.	DAYS.	REMARKS.
Parris, Robert	11	R. C.	Newfoundland	365	.....
Bellman, Elizabeth H.	1	M.	Poor's Asylum	17	.....
O'Hara, Joseph F.	1	R. C.	"	322	.....
O'Hara, Mary M.	1	"	"	322	.....
O'Hearn, Margaret	11	"	"	26	.....
Sidebottom, Ellen	11	E.	England	73	.....
Sidebottom, Francis	10	"	"	73	.....

CITY PRISON REPORT.

HALIFAX, N. S., *May 1, 1893.*

The Chairman and Members of City Prison Committee.

GENTLEMEN,—I have the honor to hand you herewith the customary tables relating to the City Prison and its operations, for the twelve months ending April 30, 1893.

Table No. 1 shows the number and sex of prisoners, and the offences for which they were sent to prison.

Table No. 2 shows the labor classified, and the estimated value of the same, for each month of the year.

Table No. 3 shows the daily and annual cost of maintenance of prisoners, male and female.

Table No. 4 shows the quantity and number of materials and articles on hand at the termination of the year, and the estimated value of the same.

Table No. 5 is a return of the horses, carts, harness, &c., and their estimated value.

Table No. 6 shows the number and estimated value of implements used in farm clearing and stone securing operations.

Table No. 7 shows the number and estimated value of articles used in stone sheds.

Table No. 8 is an estimate of the value of contents of the workshops; and

Table No. 9 shows the estimated value of the farm produce raised and consumed for prison use.

Supplementing the knowledge gained by frequent visits, these tables will, I trust, enable the committee to fully understand the working and management of the prison; and with the hope that the same will be found to be satisfactory, I submit this report with my own and Mrs. Murray's thanks to the committee for courtesies extended.

I am, gentlemen,

Your obedient servant,

WM. MURRAY,
Governor City Prison.

TABLE No. 1.

Return of Prisoners and Offences, City Prison, Halifax, Year ending April 30, 1893

OFFENCES.	Total.	May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		April.		TOTAL.	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Males.	Fe- males
		Drunkenness	131	7	3	7	4	11	3	9	..	7	4	13	..	5	1	8	4	5	2	2	4	12	2	14	4	100	31
Larceny	25	..	..	..	..	1	..	..	..	3	..	2	1	..	..	8	..	..	..	2	1	6	..	1	..	23	2
Disorder'y conduct ...	13	..	..	..	..	1	..	..	..	1	..	1	2	1	1	..	..	..	..	..	..	..	..	6	..	10	3
Profane language.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..
Assault	29	2	2	2	1	2	1	..	..	3	..	5	..	6	..	..	..	..	..	1	..	3	..	1	..	25	4
Disorderly house.....	7	..	2	..	3	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	5
Vagrancy	17	2	1	1	..	..	..	1	1	1	..	..	..	2	..	2	..	..	..	..	..	2	2	2	..	11	6
Violation License Law.	3	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	1	2
Lewd conduct.....	3	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1	..	..	..	2	1
Absent from ship.....	4	1	..	..	..	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	0
Total	233	12	8	10	9	17	4	11	1	15	4	23	3	13	5	17	4	7	2	5	6	25	4	24	4	179	54

TABLE No. 2.

Labor Return City Prison, Year ending 30th April, 1893.

WORK.	May.	June.	July.	August.	Sept.	October.	Nov.	Dec.	January.	February.	March.	April.	Total.
Stone broken, at 3c's. } per bush	\$52 08	\$42 00	\$37 58	\$33 00	\$41 25	\$70 50	\$105 00	\$120 00	\$93 00	\$99 00	\$100 50	\$120 00	\$913 83
Male prisoners' farm } labor	63 00	78 00	95 00	75 00	71 00	82 00	105 00	55 50	36 00	10 00	51 50	15 00	737 00
Conveying prisoners...	5 95	7 00	7 00	5 95	7 00	9 10	6 30	7 00	3 15	2 80	9 10	7 00	77 35
Earnings in carpen- } ter's shop	35 00	50 00	16 00	15 00	20 00	20 00	26 00	20 00	25 00	14 00	20 00	30 00	291 00
Earnings in black- } smith's shop	20 00	18 00	18 00	6 00	8 00	11 00	12 00	16 00	20 00	22 00	25 00	15 00	191 00
Male prisoners' house } labor	12 00	13 50	13 50	13 00	13 50	13 00	13 00	13 50	13 50	46 50	11 00	13 00	189 00
Female work	47 40	46 39	50 75	48 90	44 96	46 71	48 71	46 83	38 43	34 81	38 84	36 00	528 73
House work on farm...	71 00	79 00	78 00	76 00	67 00	74 00	78 00	81 00	61 00	56 00	54 00	60 00	825 00
Total	\$306 43	\$333 89	\$315 75	\$272 85	\$272 71	\$326 31	\$394 01	\$359 83	\$290 08	\$285 11	\$309 94	\$296 00	\$3762 91

TABLE No. 3.

Average annual cost of each prisoner in City Prison, Halifax.

MALES.	
2 suits clothing and repairing	\$3 50
4 shirts, at 60 cents each	2 40
4 pairs socks, and mending	1 80
3 " boots,	3 50
4 " mitts, "	1 00
1 great coat	1 00
Bedding, soap, towels, &c.	4 00
	\$17 20
Meals :—Dinner	5 cts.
Supper	3 "
Breakfast	3 "
	11 cts.
365 days, at.	40 15
Average cost of male prisoners	\$57 35
FEMALES.	
2 dresses, at \$1.50	\$3 00
2 chemises, at 50 cents	1 00
4 pairs stockings, and mending	1 20
2 " shoes, and mending	2 00
Bedding, soap, towels, &c.	3 00
	\$10 20
Meals :—Dinner	4 cts.
Supper	2½ "
Breakfast	2½ "
	9 cts.
365 days, at.	32 85
Average cost of female prisoner	\$43 05

TABLE No. 4.

Return of articles and materials in City Prison, and estimated value of the same 30th April, 1893.

50 blankets (new) at \$2.00	\$100 00
120 " (old) at 50 cts.....	60 00
80 bed ticks, at 50 cts.....	40 00
100 men's shirts, at 50 cts	50 00
50 pairs men's drawers, at 30 cts.....	15 00
300 pairs pants, at 50 cts.....	150 00
250 jackets, at 50 cts	125 00
150 waist-coats, at 20 cts.	30 00
100 pairs mitts, at 18 cts.....	18 00
200 pairs boots, at 30 cts.....	60 00
12 overcoats, at \$1.00	12 00
100 pairs socks, at 25 cts.....	25 00
100 pairs stockings, at 25 cts.....	25 00
50 woman's skirts, at \$1.00.....	50 00
45 chemises, at 40 cts.....	18 00
60 women's jackets, at 20 cts.....	12 00
100 aprons, at 20 cts.....	20 00
37 pairs boots and shoes, at 50 cts.....	18 50
12 sheets, and 12 pillow slips	9 00
20 blankets, and 2 quilts	20 00
6 wash-tubs and wash-boards.....	3 00
Knives, forks, cups, saucers	5 00
18 chairs, side-board, tables, desks	35 00
1 map, plan, clocks, stove, lamps, &c.....	80 00
8 stoves, fittings, coal hods, &c.....	90 00
2 spinning wheels and cards.....	10 00
20 rollers, 50 pans, 60 plates.....	18 00
Contents and fittings of surgery	200 60
Total estimated value.....	<u>\$1298 50</u>

TABLE No. 5.

Return of Horses, Carts, Harness, &c., and estimated value of same, at City Prison, April 30th, 1893.

3 horses—1 each \$150, \$120, and \$40	\$310 00
2 prisoners' vans	310 00
1 truck, \$25; 1 do. \$6	31 00
3 sleds and 1 sleigh	10 00
1 waggon (old)	10 00
1 new cart	50 00
1 mowing machine	24 00
1 cultivator	11 50
1 good, 1 old, and 2 swing carts	66 00
2 oat bins and 40 oat bags	20 00
3 stable buckets	1 50
2 ploughs	24 00
3 setts cart harness	40 00
1 sett harness for van	50 00
4 sleigh pads, collars and chains	10 00
3 lamps, brushes, combs, &c	4 00
12 hay forks, 12 hay rakes	5 00
2 harrows, 1 land roller	30 00
1 horse rake	38 00
Total estimated value	<u>\$1045 00</u>

TABLE No. 6.

Return of Farm working implements, and estimated value of same, in City Prison, April 30th, 1893.

8 crowbars, at \$1.00	\$ 8 00
7 large bars, at \$1.50	10 50
10 steel sledges, at \$2.00	20 00
36 pickaxes and handles, at 50 cts.	18 00
4 setts drills, at 30 cts.	3 20
2 axes, at 40 cts.	80
4 striking hammers, at \$1.50	6 00
1 powder can and tamping bar	2 00
Total estimated value	<u>\$68 50</u>

TABLE No. 7.

Return of Implements and Stock in Stone Shed, and estimated value of same, 30th April, 1893.

40 hammers, at 20 cts	\$ 8 00
1 wheelbarrow	2 00
6 shovels, at 50 cts.....	3 00
1 measure	1 00
3 sledges, at 75 cts.....	2 25
6 hand-barrows, at \$2.....	12 00
Total estimated value.....	\$ 28 25
Add 30,000 bush. stone, at 3 cents	900 00
	<u>\$928 25</u>

TABLE No. 8.

Estimated value of contents of Workshops at City Prison, April 30th, 1893.

Carpenter's shop : Tools, &c.....	\$50 00
Blacksmith's "	60 00
Shoemaker's "	25 00
Cooper's "	10 00
Painter's "	6 00
Total estimated value.....	<u>\$151 00</u>

TABLE No. 9.

Return of quantity and estimated value of Farm Produce, raised and consumed at City Prison, for year ending April 30th, 1893.

300 bushels potatoes, at 45 cts	\$135 00
40 " turnips, at 40 cts.....	16 00
20 " carrots, at 40 cts.....	8 00
10 " parsnips, at 40 cts.....	4 00
150 lbs. onions, at 3 cts.	4 50
23 tons hay, at \$12	276 00
Total estimated value.....	<u>\$443 50</u>

BOARD OF FIREWARDS REPORT.

HALIFAX, N. S., *April 29th, 1893.*

To His Worship the Mayor, and members of the City Council :

GENTLEMEN,—In compliance with the requirements of the City Council, I herewith have the honor of submitting the annual report of the Halifax Fire Department, for the Civic year ending April 30th, 1893.

The report contains statements embracing the amount of expenditure for maintenance, statement of amount expended under special loan for the better equipment of Fire Department, together with an inventory of the real estate and personal property in charge of and for the use of the Department, with the respective value of same, (as near as can be ascertained), the amount of interest paid on loans (loans included in the funded debt of the city for fire purposes), also amount of interest paid and principal returned on short loans for the department, the amount assessed on the citizens for fire protection, (Water department), the number and location of hydrants, and the respective pressure at same, the organization of the department, and the number of fire alarms during the year.

In reference to the water service in connection with the Fire Department, I am pleased to report that under the care and watchfulness of Mr. Doane, the City Engineer, to whom credit is due, it has developed into a service of efficiency unknown heretofore, as will be seen by reference to report on hydrants and pressure, in comparison with previous returns.

The organization of the department comprises,—a Board of Firewards, appointed by and from the members of the City Council, one from each of the six wards, and the captain of the Union Engine Company, who, under the Council, has charge of all property of the department, and has control and management at all fires. The Union Engine Company is a volunteer company, and comprises 126 active firemen, and 59 honorary members. The active members are separated into eight divisions, and are assigned to apparatus at various stations throughout the city. The Union Axe Company comprises 40 men, who have charge of the ladder trucks. They are in two divisions. The one assigned the north end apparatus, the other the south.

The Union Protection Company, like the Union Engine and the Union Axe Companies, are volunteers, and consists of 45 active members and 41 honorary members. They are not under the control of the City authorities, excepting at fires. They are owners of real-estate, furnish their own apparatus, and work under "A Charter," independent of the city.

The paid portion of the department consists of:—

1 Caretaker	(Permanent).
1 Electrician	"
1 Storekeeper	"
1 Chemical engineer	"
17 Drivers of horses	"
5 Steam engineers	(Call men).

The appropriation for maintenance for the year	\$10,972 00
Special loan for better equipment	15,000 00
Amount assessed for fire protection	19,200 00
Amount of interest paid on loans included in funded debt above	2,400 00
Amount of interest paid and amount of principal returned on short loans	8,882 00

\$56,454 00

For detail statement, showing the expenditure of the appropriation for maintenance and special loan, see Auditor's report. The \$19,200 is received by the Collector for Water Department, and the amount of interest and principal is paid out of the Treasury to holders of bonds. Other details referred to may be found under their respective headings.

Too much cannot be said in favor of the "Chemical Engine" placed in service during the year. It has proven itself worthy of the consideration of the Board, and its usefulness warrants its purchase by the Council. This machine answers promptly to every call or alarm from any part of the city, the limits of which are so extensive, that renders it almost impossible for her to perform efficient service in every instance. I hope the day is not far distant when the Council, in its wisdom, may see its way clear to purchase another Chemical engine, and thus give the firewards an opportunity to divide the city into districts, whereby efficient service can be assured.

It will be seen by reference to the report upon "Hose," that the department has not an over-abundant supply of that most necessary commodity. None has been purchased during the year, and as it is possible for an unknown quantity to be rendered useless at fires at any time, makes it most probable that a further supply will be needed in the near future.