

TOTAL LENGTH (in feet) OF CAST IRON WATER MAINS IN THE WATER SUPPLY SYSTEM OF THE CITY OF HALIFAX.

| | Size of pipe in inches. | | | | | | | | | | | Total length in feet. |
|-------------------------|-------------------------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------------|-----------------------|
| | 27 | 24 | 20 | 15 | 12 | 9 | 8 | 6 | 4 | 3 | Less than 3 | |
| Length Dec. 31, 1910.. | 14560 | 20524 | 6732 | 44236 | 43668 | 48380 | 663 | 157982 | 35120 | 29584 | 898 | 402347 |
| Laid during 1911..... | ..... | ..... | ..... | ..... | ..... | 1706 | ... | 1430 | ..... | 36 | ..... | 3172 |
| Taken up during 1911... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 238 | ..... | ..... | ..... | 238 |
| Hydrant pipes..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 13 | ..... | ..... | ..... | 13 |
| Total Dec. 31, 1911... | 14560 | 20524 | 6732 | 44236 | 43668 | 50086 | 663 | 159187 | 35120 | 29620 | 898 | 405294 |

Equal to 76 4014-5280 miles.

N. B.—Pipe from main to hydrant (except on wharves) laid previous to 1897 not included in above summary.

PIPES CLEANED BY MECHANICAL SCRAPERS.

| Date | Location | Dia. of Pipe in inches | Length cleaned in feet | Cost | Remarks |
|--------------|---------------------------|------------------------|------------------------|---------|-----------|
| Oct. 16..... | Willow Tree to West St... | 12 | 6712 } 29628 } | \$44 52 | Recleaned |
| Oct. 16..... | West to Agricola St..... | 12 | | | |
| Oct. 16..... | Agricola to Bilby St..... | 12 | | | |
| Nov. 1..... | High Service..... | 20 | | | |
| Nov. 1..... | High Service..... | 15 | | 29 14 | Recleaned |

LENGTH OF SERVICE PIPES LAID DURING 1911.

| Size | $\frac{3}{2}$ " feet | $\frac{3}{4}$ " feet | 1" feet | 2" feet | 3" feet | 4" feet | Total length in feet |
|--------------|----------------------|----------------------|---------|---------|---------|---------|----------------------|
| New..... | 3006 | 171 | 30 | 69 | 38 | 29 | 3343 |
| Renewed..... | 3524 | 25 | ..... | ..... | ..... | ..... | 3549 |

NEW HYDRANTS.

| Street | Location | Design | Service | Size of Pipe in inches | Length of Pipe in feet | No. of Nozzles | Distance from Valve to Hydrant | Cost |
|-------------|-----------------------------------|--------|---------|------------------------|------------------------|----------------|--------------------------------|----------|
| Cedar..... | Between Louisburg and Walnut..... | City | H | 6 | 13 | 3 | ..... | \$113 40 |
| Windsor.... | So. of Welsford... | City | H | 6 | 9 | 3 | 5.4 | 127 52 |

OLD HYDRANTS REPLACED WITH FROST JACKET HYDRANTS.

| | | | | | | | | |
|--------------|-------------------|------|---|---|-------|---|------|--------|
| Gottingen... | Uniacke..... | City | H | 6 | ..... | 3 | 4.10 | 101 30 |
| Inglis..... | Lucknow..... | " | L | 6 | ..... | 3 | 3.3 | 103 53 |
| Inglis..... | Tower Road..... | " | L | 6 | ..... | 3 | 2.3 | 101 53 |
| College..... | Carlton..... | " | H | 6 | 8 | 3 | 3.4 | 132 19 |
| Edward..... | Coburg Road..... | " | H | 6 | ..... | 3 | 2.10 | 38 44 |
| Tower Road. | Opp. School House | " | L | 6 | ..... | 3 | 9.10 | 84 47 |

SUMMARY OF HYDRANTS.

| | |
|--|-----|
| No. of Hydrants on Streets, December 31st, 1910..... | 412 |
| “ “ Wharves, December 31st, 1910..... | 20 |
| “ “ Military and Naval Property..... | 20 |
| “ “ Private Property..... | 13 |
| “ “ in use December 31st, 1910..... | 465 |
| “ “ added on Streets in 1911..... | 2 |
| “ “ in use December 31st, 1911..... | 467 |

VALVES SET ON HYDRANTS.

| Street | Location | Distance from valve to hydrant | Size | Service |
|-----------------|---|-----------------------------------|------|---------|
| College..... | Carlton..... | 3' 4'' | 6 | High |
| Edward..... | Coburg Road..... | 2' 10'' | 6 | High |
| Gottingen..... | Uniacke..... | 4' 10'' | 6 | High |
| Inglis..... | Lucknow..... | 3' 3'' | 6 | Low |
| Inglis..... | Tower Road..... | 2' 3'' | 6 | Low |
| Tower Road..... | Opposite School..... | 9' 10'' | 6 | Low |
| Windsor..... | South of Welsford..... | 5' 4'' | 6 | High |
| VALVES REPLACED | | | | |
| Size | | | | |
| | | Old | New | |
| Agricola..... | N. side Bilby 34'7'' to N. W. cor. 4'3'' n. of cor. | 6 | 9 | High |
| Granville..... | N. side Salter 29'0'' to N. W. cor. 2'0'' N. of cor. | 4 | 6 | Low |

NEW MAIN VALVES SET DURING 1911.

| Street | Location | Size | Service |
|-----------------|---|------|---------|
| Cedar..... | W. side Louisburg N. W. cor., 30'7''..... | 6'' | Low |
| Coburg Road.... | W. side Lilac St. to N. W. cor. 40'8''..... | 9'' | H & L. |
| Connaught Ave.. | S. side Quinpool Rd. to S. line St. 26'7'' W. of E. line of Terrace 5'4''..... | 9'' | Low |
| Connaught Ave.. | N. side Norwood St. to E. line Street 51'0''..... | 9'' | Low |
| Connaught Ave.. | S. side Norwood St. to E. line Street 52'7''..... | 9'' | Low |
| Falkland..... | N. W. cor. Maynard 13'9''..... | 6'' | H & L |
| Maynard..... | S. side Falkland S. W. cor 27'0''..... | 6'' | Low |
| Maynard..... | N. side Falkland N. W. cor. 27'0''..... | 6'' | Low |
| Mott..... | E. side Oxford St. N. E. cor. 34'6'' W. of cor. 4'10'..... | 6'' | Low |
| Preston..... | S. side Shirley St. N. E. cor. 20'3''..... | 6'' | High |

TOTAL NUMBER OF VALVES.

| | 27" | 24" | 20" | 15" | 12" | 9" | 6" | 4" | 3" | 1½" | 1¼" | 1" | ¾" | Hydrant Valves | | Total |
|----------------------|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|----|----------------|----|-------|
| | | | | | | | | | | | | | | 6" | 4" | |
| In use Dec. 31, '10 | 1 | 8 | 2 | 29 | 71 | 77 | 385 | 110 | 103 | 2 | 9 | 2 | 11 | 148 | 1 | 959 |
| Added in 1911 | | | | | | 5 | 7 | | | | | | | 7 | | 19 |
| Removed | | | | | | | 1 | 1 | | | | | | | | 2 |
| In use Dec. 31, '11. | 1 | 8 | 2 | 29 | 71 | 82 | 391 | 109 | 103 | 2 | 9 | 2 | 11 | 155 | 1 | 976 |

PIPE AND STOCK ON HAND DECEMBER 31, 1911.

| Description | Length of each in feet | No. of pieces | Diameter in inches | Weight of one in pounds | Total Weight. | Value in cents per pound. | Total Value |
|----------------------------|------------------------|---------------|--------------------|-------------------------|---------------|---------------------------|-------------|
| Cast iron pipe T&B Class A | 12 | 2 | 27 | 2870 | 5740 | 1½ | 100 44 |
| " " " B | 12 | 3 | 27 | 2870 | 9618 | " | 168 10 |
| " " " C | 12 | 1 | 27 | 3658 | 3658 | " | 64 01 |
| " " T&B | 12 | 6 | 24 | 2360 | 14160 | " | 247 80 |
| " " " " | 12 | 4 | 20 | 1263 | 5052 | 2¼ | 113 67 |
| " " " " | 9 | 5 | 15 | 1200 | 6000 | " | 135 00 |
| " " " " | 12 | 230 | 12 | 968 | 222640 | 1½ | 3896 20 |
| " " Plain | 9 | 14 | 10 | 550 | 7700 | " | 134 75 |
| " " T&B | 12 | 74 | 9 | 680 | 50320 | " | 880 60 |
| " " Plain, old | 9 | 69 | 9 | 500 | 34500 | " | 603 75 |
| " " T&B | 12 | 803 | 6 | 378 | 303534 | 2¼ | 6827 01 |
| " " " (been in use) | 12 | 17 | 6 | 378 | 6426 | " | 114 58 |
| " " " " | 9 | 59 | 6 | 280 | 16520 | " | 361 70 |
| " " Plain (been in use) | 9 | 54 | 6 | 280 | 15120 | " | 330 20 |
| " " " " | 9 | 2 | 8 | 386 | 772 | " | 17 37 |
| " " " " | 9 | 17 | 5 | 222 | 3744 | " | 84 24 |
| " " T&B | 12 | 22 | 4 | 202 | 4444 | " | 99 99 |
| " " Plain | 12 | 5 | 4 | 206 | 1010 | " | 22 72 |
| " " " " | 9 | 278 | 4 | 156 | 44368 | " | 997 28 |
| " " T&B old | 9 | 20 | 4 | 156 | 3120 | " | 70 20 |
| " " Plain | 9 | 30 | 3 | 140 | 4200 | " | 94 50 |

PIPE—SPECIALS.

| No. of Pieces | Diameter in inches | Description | Weight of one in pounds | Total Weight | Cost per pound in cents | Total Cost |
|---------------|--------------------|--|-------------------------|--------------|-------------------------|------------|
| 11 | 27 | Thimbles..... | 624 | 6864 | 2 $\frac{1}{4}$ | \$ 154 34 |
| 2 | 27 | Bell Mouth..... | 831 | 1662 | " | 37 39 |
| 13 | 27 | Bevel Collars..... | 795 | 10335 | " | 210 05 |
| 1 | 27 | Plain Specials 2 ft. long Class B..... | 404 | 404 | 1 $\frac{3}{4}$ | 7 04 |
| 1 | 27 | " 2 " B..... | 460 | 460 | " | 8 05 |
| 1 | 27 | " 3 " B..... | 700 | 700 | " | 12 25 |
| 1 | 27 | " 4 " B..... | 920 | 920 | " | 16 10 |
| 1 | 27 | " 5 " B..... | 1248 | 1248 | " | 21 84 |
| 2 | 27 | " 6 " B..... | 1360 | 2720 | " | 47 20 |
| 2 | 27 | " 3 " C..... | 820 | 1640 | " | 28 70 |
| 1 | 27 | " 4 " C..... | 1068 | 1068 | " | 18 69 |
| 1 | 27 | " 5 " C..... | 1332 | 1332 | " | 23 31 |
| 2 | 27 | Saddles 27" x 6"..... | 70 | 140 | 3 | 4 20 |
| 1 | 24 | Bevel Collar..... | 688 | 688 | 2 $\frac{1}{4}$ | 15 48 |
| 8 | 24 | Thimbles..... | 396 | 3168 | " | 71 28 |
| 2 | 24 | Saddles 24" x 6"..... | 70 | 140 | 3 | 4 20 |
| 1 | 24 | " 24" x 9"..... | 125 | | | |
| 1 | 24 | Cap..... | 290 | 290 | 2 $\frac{1}{4}$ | 6 52 |
| 6 | 24 | Split Thimbles..... | 620 | 3720 | 2 $\frac{1}{2}$ | 93 00 |
| 5 | 20 | Thimbles..... | 230 | 3168 | 2 $\frac{1}{2}$ | 71 28 |
| 1 | 20 | Split Thimbles..... | 453 | 453 | 2 $\frac{1}{2}$ | 11 32 |
| 3 | 15 | Four Way Branches..... | 896 | 2688 | 2 $\frac{1}{4}$ | 60 48 |
| 3 | 15 | " 15" x 6"..... | 660 | 1980 | " | 44 55 |
| 1 | 15 | Three Way Branch..... | 812 | 812 | " | 18 27 |
| 2 | 15 | Y's..... | 1112 | 2224 | " | 50 04 |
| 7 | 15 | Thimbles..... | 234 | 1610 | " | 36 32 |
| 1 | 15 | Three Way Branch 15" x 12" x 6"..... | 580 | 580 | " | 13 30 |
| 1 | 15 | Reduction to 6"..... | 400 | 400 | " | 9 00 |
| 4 | 15 | Split Thimbles..... | 260 | 1040 | 2 $\frac{1}{2}$ | 26 00 |
| 4 | 15 | Saddles 15" x 6"..... | 67 | 268 | 2 $\frac{1}{4}$ | 6 03 |
| 2 | 15 | " 15" x 3"..... | 55 | 110 | " | 2 47 |
| 1 | 15 | Cap..... | 55 | 55 | " | 1 24 |
| 4 | 12 | Four Way Branches..... | 615 | 2460 | " | 55 35 |
| 1 | 12 | " 12" x 4"..... | 432 | 432 | " | 9 72 |
| 8 | 12 | Three Way Branches..... | 524 | 4192 | " | 94 07 |
| 1 | 12 | " 12" x 6"..... | 469 | 469 | " | 9 55 |
| 1 | 12 | " 12" x 9" x 6"..... | 500 | 500 | " | 11 25 |
| 4 | 12 | Reducing to 9"..... | 240 | 960 | " | 21 60 |
| 3 | 12 | " 6"..... | 200 | 600 | " | 13 50 |
| 10 | 12 | Thimbles..... | 160 | 1600 | " | 36 00 |
| 10 | 12 | Split Thimbles..... | 222 | 2220 | 2 $\frac{1}{2}$ | 55 50 |
| 3 | 12 | Saddles 12" x 3"..... | 45 | 135 | 2 $\frac{1}{4}$ | 3 04 |
| 1 | 12 | " 12" x 2"..... | 43 | 43 | " | 97 |

PIPE SPECIAL (Continued.)

| No. of Pieces | Diameter in inches | Description. | Weight of one in inches. | Total Weight | Cost per pound in cents | Total Cost |
|---------------|--------------------|---------------------------------------|--------------------------|--------------|-------------------------|------------|
| 2 | 12 | Cap..... | 45 | 90 | " | 2 02 |
| 2 | 9 | Six Way Branches 9''x9''x9''x3''..... | 450 | 900 | " | 20 25 |
| 3 | 9 | Three Way Branches 9'' x 9''..... | 355 | 1065 | " | 23 96 |
| 4 | 9 | " " 9'' x 6''..... | 335 | 1340 | " | 30 15 |
| 4 | 9 | Reducing to 6''..... | 157 | 636 | " | 14 31 |
| 10 | 9 | Thimbles..... | 112 | 1120 | " | 25 52 |
| 12 | 9 | Split Thimbles..... | 139 | 1660 | " 2 $\frac{1}{2}$ | 41 50 |
| 1 | 9 | Saddle 9'' x 4''..... | 40 | 40 | " | 90 |
| 4 | 9 | Caps..... | 34 | 135 | " 2 $\frac{1}{4}$ | 3 05 |
| 3 | 6 | Four Way Branches..... | 255 | 765 | " | 16 91 |
| 11 | 6 | Three Way Branches..... | 209 | 2099 | " | 47 23 |
| 2 | 6 | " " 6'' x 4''..... | 200 | 400 | " | 9 00 |
| 1 | 6 | " " 6'' x 3''..... | 131 | 131 | " | 2 95 |
| 7 | 6 | Reducing to 4''..... | 114 | 798 | " | 17 95 |
| 8 | 6 | " 3''..... | 100 | 800 | " 2 $\frac{1}{4}$ | 18 00 |
| 10 | 6 | Offsets..... | 140 | 1400 | " | 31 50 |
| 4 | 6 | Y's..... | 209 | 836 | " | 18 81 |
| 7 | 6 | Bends..... | 19 | 133 | " | 3 99 |
| 11 | 6 | Thimbles..... | 75 | 825 | " | 18 56 |
| 20 | 6 | Split Thimbles..... | 92 | 1840 | " 2 $\frac{1}{2}$ | 46 00 |
| 5 | 6 | Caps..... | 19 | 95 | " 2 $\frac{1}{4}$ | 2 14 |
| 8 | 5 | Caps for Main Stopcocks..... | 16 | 128 | " | 2 88 |
| 21 | 4 | Four Way Branches..... | 123 | 2583 | " | 58 12 |
| 6 | 4 | Three Way Branches..... | 114 | 684 | " | 15 39 |
| 6 | 4 | Y Branches..... | 96 | 576 | " | 12 96 |
| 1 | 4 | Reducing to 3'' with Faucet..... | 90 | 90 | " | 2 02 |
| 3 | 4 | Offsets..... | 66 | 198 | " | 4 45 |
| 1 | 4 | Bends..... | 88 | 88 | " | 1 98 |
| 18 | 4 | Thimbles..... | 29 | 522 | " | 11 75 |
| 2 | 4 | Split Thimbles..... | 64 | 128 | " 2 $\frac{1}{2}$ | 2 88 |
| 1 | 4 | Reducing to 3''..... | 84 | 84 | " 2 $\frac{1}{4}$ | 1 89 |
| 7 | 3 | Crosses..... | 90 | 630 | " | 14 17 |
| 3 | 3 | Three Way Branches..... | 60 | 180 | " | 4 05 |
| 3 | 3 | Thimbles..... | 29 | 261 | " | 5 87 |
| 8 | 3 | Split Thimbles..... | 48 | 1344 | " 2 $\frac{1}{2}$ | 33 60 |
| 4 | 2 | Four Way Branches..... | 30 | 120 | " 2 $\frac{1}{4}$ | 2 70 |
| 25 | | Fire Hydrants old style..... | | | | 200 00 |
| 5 | | " " with jackets..... | | | | 327 50 |
| 1 | | " " not finished..... | 418 | 418 | 3 | 12 54 |
| 3 | | Jacket for hydrant..... | 340 | 1020 | 3 | 30 60 |
| 1 | | Domestic hydrant..... | | | | 12 00 |
| 1 | | Base for hydrant..... | 175 | 175 | 3 | 5 25 |
| 1 | | " " 6'' x 3''..... | 150 | 150 | | 4 50 |
| 2 | | Extension pieces for fire plugs..... | 124 | | | |
| | | Sections for meter manholes..... | | | | |

PIPE SPECIALS.—(Continued.)

| No. of Pieces | Diameter in inches | Description. | Weight of one in pounds | Weight of whole | Value of each | Total Value |
|---------------|--------------------|-------------------------|-------------------------|-----------------|---------------|-------------|
| 1 | 12 | Regulating Valves..... | | | 2 06 | 206 66 |
| 1 | 6 | "..... | | | | 103 33 |
| 2 | 15 | Stopcock..... | | | 60 00 | 120 00 |
| 2 | 12 | "..... | | | 40 00 | 80 00 |
| | 9 | "..... | | | 25 77 | |
| 81 | 6 | "..... | | | 20 00 | 1620 00 |
| 14 | 4 | "..... | | | 17 00 | 238 00 |
| 4 | 3 | "..... | | | 16 00 | 64 00 |
| 11 | $\frac{1}{4}$ | Service Stopcocks..... | | | 3 00 | 3 00 |
| 19 | 1 | "..... | | | 2 50 | 47 50 |
| 43 | $\frac{3}{4}$ | "..... | | | 2 00 | 86 00 |
| 143 | $\frac{1}{2}$ | "..... | | | 1 50 | 214 50 |
| 96 | $\frac{3}{8}$ | Curb..... | | | 1 50 | 144 00 |
| 5 | 15 | Gun Metal Spindles..... | 28 | 140 | 60 | 84 00 |
| | 12 | "..... | 19 | | | |
| 4 | 9 | "..... | 14 | 56 | 60 | 33 60 |
| 12 | 6 | "..... | 9 | 108 | 60 | 64 80 |
| 2 | 4 | "..... | 6 | 12 | 60 | 7 20 |
| 7 | 3 | "..... | 5 | 35 | 60 | 21 00 |
| | | | | | | \$3137 59 |

JOINT STAVES.

| For 6" pipe | For 12" pipe | For 15" pipe | For 24" pipe | Key Wedges | Cost of each | Total Cost |
|-------------|--------------|--------------|--------------|------------|----------------|------------------|
| 5600 | 2100 | 3600 | 3600 | 3000 | $1\frac{1}{4}$ | \$186 25 7 50 |
| | | | | | | \$193 75 |

MISCELLANEOUS.

| No. of Pieces | DESCRIPTION | Value of Each | Total value |
|---------------|------------------------------------|---------------|-------------|
| 1 | Pipe Tapping Machine..... | | \$127 00 |
| 1 | " " "..... | | 100 00 |
| 1 | 5 H. P. Steam Engine and Pump..... | | 625 00 |
| 1 | Electric Motor..... | | 203 00 |
| 1 | Electric Pipe Thawing Machine..... | | 350 00 |
| 3 | Derrick Winches..... | 7 00 | 21 00 |
| 2 | Hand Winches..... | 8 00 | 16 00 |
| 2 | Platform Scales..... | 25 00 | 50 00 |
| 1 | Vertical Boring Machine..... | | 80 00 |
| 1 | 6" to 2" Pipe Cutting Machine..... | | 22 10 |
| 3 | Lathes..... | | 200 00 |
| 4 | Pressure Gauges..... | 10 00 | 40 00 |
| 1 | Pressure Gauge..... | | 50 00 |
| | Tape Packing for meters..... | | 38 00 |
| | Blacksmith Tools..... | | 150 00 |
| | | | \$2072 10 |

RECAPITULATION.

| Description | Pieces. | Pounds. | Value |
|--------------------|---------|---------|------------|
| Pipes..... | 1715 | 772646 | \$15464 11 |
| Specials..... | 407 | 90786 | 2693 46 |
| Joint Staves..... | 17900 | | 193 75 |
| Valves..... | 437 | | 3137 59 |
| Miscellaneous..... | | | 2072 01 |
| | | | \$23561 01 |

RENTED DOMESTIC HYDRANTS.

| Street | Location. |
|-----------------|--------------------------|
| Duffus..... | S. E. Cor. Gottingen St. |
| Duncan..... | N. E. Cor. Harvard St. |
| Oak..... | S. E. Cor. Beech St. |
| Preston..... | S. W. Cor. Jubilee Road. |
| Sullivan..... | Opp. Oland's Brewery. |
| Tower Road..... | S. W. Cor. Fay's Lane. |

HYDRAULIC HOISTS.

| Street. | Location | Size. |
|-----------------|--------------------|--------|
| Barrington..... | G. M. Smith's..... | 4 inch |
| Hollis..... | Appraiser..... | 3 " |
| Sackville..... | Dillon Bros..... | 3 " |

HYDRAULIC MOTORS.

| | |
|----------------|------------------|
| Brunswick..... | Methodist Church |
|----------------|------------------|

FREE PUMPS MAINTAINED BY CITY.

| Street. | Location. |
|------------------------|-------------------------|
| Campbell Road..... | Africville. |
| Duffus..... | Opp. Grove Church. |
| Lady Hammond Road..... | West of Longard Road. |
| Washington Road..... | North of Chebucto Road. |
| Quinn..... | North of Quinpool Road. |
| West Harvey..... | East of Oxford St. |

PUBLIC DRINKING FOUNTAINS.

| Street. | Location |
|---------------------|--------------------------|
| Bedford Row | Market Square. |
| North Park | S. W. Cor. Cogswell. |
| Public Garden | Near South Park St. |
| Public Garden | Near Spring Garden Road. |
| St. Paul St. | Near Corner Barrington. |

ORNAMENTAL FOUNTAINS.

| Street. | Location. |
|----------------------|-------------------------|
| Grand Parade | Opp. George St. |
| Public Gardens | Victoria Jubilee. |
| Public Gardens | South African Memorial. |
| Public Gardens | S. E. Corner. |

SERVICE PIPES LAID, 1911.

| Number | Name of Owner or Agent. | Location of Premises. | No. of Stopcock. | Size of Pipe. | Purpose for which water is used. |
|--------|-------------------------|------------------------|------------------|---------------|----------------------------------|
| 1 | Gibson | N. side Bliss St. | 7725 | 1 1/2 | Laundry |
| 2 | R. O. Duggan | " " | 7726 | " | Dwelling |
| 3 | James H. Dawes | E. " Henry | 7727 | " | " |
| 4 | J. C. Silliker | E. " Edward | 7728 | " | " |
| 5 | F. C. Kaizer | S. " South | 7729 | " | " |
| 6 | Gray & Flinn | " " " | 7730 | " | " |
| 7 | Wm. Brunt | E. " Oxford | 7731 | " | " |
| 8 | Wm. Brunt | " " " | 7732 | " | " |
| 9 | Geo. H. Lennehan | " " Kline | 7733 | " | " |
| 10 | W. A. Tucker | W. " Bland | 7734 | " | " |
| 11 | Anna Fader | N. " Cedar | 7735 | " | " |
| 12 | J. S. Parker | W. " Longard Road | 7736 | " | " |
| 13 | Geol H. Hiseler | N. " Bells Lane | 7737 | " | Shop |
| 14 | Thos. Whiteway | E. " Longard Road | 7738 | " | Dwelling |
| 15 | David Schwartz | " " " | 7739 | " | " |
| 16 | James Dent | W. " York | 7740 | " | " |
| 17 | J. T. McDonald | " " Kline | 7741 | " | " |
| 18 | Walter Peveral | " " Macara | 7742 | " | " |
| 19 | W. J. Foley | S. " Cherry | 7743 | " | " |
| 20 | Mrs. McGlone | E. " Oxford | 7744 | " | " |
| 21 | H. Peters | N. " Chebucto Road | 7745 | " | " |
| 22 | E. E. Silliker | E. " Oxford | 7746 | " | " |
| 23 | Wm. Roche | " " Campbell Road | 7747 | " | " |
| 24 | Gray & Flinn | N. " Willow | 7748 | " | " |
| 25 | Jas. Mahar | " " Lawrence | 7749 | " | " |
| 26 | Mrs. M. Harrington | St. Margaret's Bay Rd. | 7750 | " | " |
| 27 | J. C. Harrison | S. side Duncan | 7751 | " | " |
| 28 | E. Fougere | E. " Agricola | 7752 | " | " |
| 29 | Halifax Elec. Tram Co. | S. " Gas Lane | 7753 | " | Stable |
| 30 | C. B. Moir | N. " Shirley | 7754 | 3/4 | Dwelling |
| 31 | W. H. Ryan | S. " Quinpool Road | 7755 | 1 1/2 | Dwelling |
| 32 | W. T. Hornton | E. " Henry | 7756 | " | " |
| 33 | Mrs. W. Hancock | W. " Preston | 7757 | " | " |
| 34 | C. H. Hosterman | E. " " | 7758 | " | " |
| 35 | H. Conrod | N. " Livingston | 7759 | " | " |
| 36 | W. S. Thomson | " " Mott | 7760 | " | " |
| 37 | John Quigley | N. " Cedar | 7761 | " | " |
| 38 | D. P. McNeil | " " Pepperell | 7762 | " | " |
| 39 | James Redmond | S. " Chebucto Road | 7763 | " | " |
| 40 | James Mahar | " " " | 7764 | " | " |
| 41 | Levi Hart & Son | E. " Lower Water | 7765 | 2 | Stores & Shipping |
| 42 | Scotia Pure Milk Co. | W. " " | 7766 | " | Shops |
| 46 | Gray & Flinn | " " South | 7770 | " | Dwelling |
| 47 | Geo. J. Lynch | W. " Oxford | 7771 | " | " |
| 43 | J. M. Creighton | " " Robie | 7767 | 1 1/2 | Dwelling |
| 44 | C. D. Hogge | S. " Chebucto Road | 7768 | " | " |

SERVICE PIPES LAID, 1911—(Continued.)

| Number | Name of Owner or Agent. | Location of Premises. | No. of Stopcock. | Size of Pipe. | Purpose for which water is used. |
|--------|-------------------------|-----------------------|------------------|---------------|----------------------------------|
| 45 | E. J. Kaye (Trustee)... | “ “ Young..... | 7769 | “ | Sunday School |
| 48 | H. Peters..... | S. “ Chebucto Road.. | 7772 | “ | “ |
| 49 | P. Moriarty, Secty.... | W. “ Granville..... | 7773 | 4 | Y. M. C. A |
| 50 | M. E. Keefe..... | S. “ Inglis..... | 7774 | 3/4 | Dwelling |
| 51 | M. E. Keefe..... | “ “ “..... | 7775 | “ | “ |
| 52 | M. E. Keefe..... | “ “ “..... | 7776 | “ | “ |
| 53 | Jas. G. Jemmison..... | W. “ Seymour..... | 7777 | “ | “ |
| 54 | Jn. E. Morrison..... | W. “ Preston..... | 7778 | “ | “ |
| 55 | H. Wells..... | “ “ Agricola..... | 7779 | “ | “ |
| 56 | N. S. Car Works..... | E. “ Windsor..... | 7780 | 3/4 | Offices. |
| 57 | Jas. Blakeney..... | W. “ S. Clifton..... | 7781 | 3/4 | Dwelling |
| 58 | Geo. Morton..... | S. “ Jubilee Road.... | 7782 | 3/4 | “ |
| 59 | Richmond Ptg. Co.... | E. “ Campbell Road.. | 7783 | “ | Printing Office |
| 60 | N. S. Car Works..... | W. “ Clifton..... | 7784 | 1 | Latrine.... |
| 61 | C. N. S. Strickland... | S. “ Spr. Garden Rd.. | 7785 | 3/4 | Dwelling |
| 62 | A. O'Connor..... | N. “ Inglis..... | 7786 | “ | “ |
| 63 | Jas. W. Dawes..... | S. “ Quinpool Rd.... | 7787 | “ | “ |
| 64 | F. Parson..... | E. “ Longard Road.... | 7788 | “ | “ |
| 65 | E. D. King..... | S. “ Livingston..... | 7789 | “ | “ |
| 66 | Moirs Ltd..... | E. “ Edinburgh..... | 7790 | “ | Stables.. |
| 67 | Geo. C. Cox..... | S. “ Shirley..... | 7791 | “ | Dwelling |
| 68 | Alex. Moody..... | W. “ Windsor..... | 7792 | “ | “ |
| 69 | Alex. Moody..... | “ “ “..... | 7793 | “ | “ |
| 70 | Mayflower Club..... | W. “ Agricola..... | 7794 | 3 | Curling Rink |
| 71 | Simon Cummings..... | E. “ Maynard..... | 7795 | 3/4 | Dwelling |
| 72 | A. C. Theakston..... | S. “ Cherry..... | 7796 | “ | “ |
| 73 | Donald Bell..... | “ “ Lawrence..... | 7797 | “ | “ |
| 74 | P. S. Holmes..... | “ “ “..... | 7798 | “ | “ |
| 75 | Wm. Phillips..... | N. “ Yukon..... | 7799 | “ | “ |
| 76 | Martha M. Allen..... | “ “ Rector..... | 7800 | “ | “ |
| 77 | James Dawes..... | E. “ South Hollis.... | 7801 | “ | “ |
| 78 | W. H. Dawes..... | W. “ Vernon..... | 7802 | “ | “ |
| 79 | Ward. St. George's Ch. | “ “ Brunswick..... | 7803 | “ | Church |
| 80 | D. P. McNeil..... | N. “ Peperell..... | 7804 | “ | Dwelling |
| 81 | M. F. Burns..... | N. “ Peperell..... | 7805 | “ | “ |
| 82 | John W. Regan..... | E. “ Connaught Ave.. | 7806 | 3/4 | “ |
| 83 | S. Stead..... | S. “ Quinpool Rd.... | 7807 | 3/4 | “ |
| 84 | J. S. Parker..... | W. “ Longard St..... | 7808 | “ | “ |
| 85 | W. Gilfoy..... | N. “ Young..... | 7809 | “ | “ |
| 86 | P. W. Maxner..... | E. “ Maynard..... | 7810 | “ | “ |
| 87 | P. W. Maxner..... | “ “ “..... | 7811 | “ | “ |
| 88 | Dempster Estate..... | W. “ North George.... | 7812 | “ | Factory. |
| 89 | J. S. Strickland..... | E. “ Tower Road.... | 7813 | “ | Dwelling |
| 90 | Gray & Flinn..... | S. “ South..... | 7814 | “ | “ |
| 91 | Jas. G. Thomson..... | E. “ Agricola..... | 7815 | “ | “ |
| 92 | Mrs. E. Wrixon..... | W. “ Longard..... | 7816 | “ | “ |

STATEMENT OF METERS FOR YEAR ENDING APRIL 30TH, 1912.

| | |
|--|------|
| Meters belonging to Department April 30th, 1911..... | 3789 |
| Meters purchased during year..... | 474 |
| Meters made good from scrap heap..... | 40 |
| Meters lost during year..... | 2 |

Total number of Meters belonging to Dept. April 30th, 1912..... 4301

Distributed as follows:—

| | |
|---------------------------------|------|
| In service..... | 4107 |
| In store (new)..... | 21 |
| In store (old)..... | 173 |
| In repair shop..... | 31 |
| Private meters in service..... | 54 |
| Total meters in service..... | 4161 |
| New meters set during year..... | 2803 |
| Meters discontinued..... | 22 |
| Meters changed..... | 161 |

| | |
|-----------------------|-----|
| Cause:—Testing..... | 6 |
| Not registering..... | 117 |
| Broken dial..... | 3 |
| Leak at body..... | 1 |
| Frozen and burst..... | 26 |
| Cog wheel broken..... | 1 |
| Analyst..... | 5 |
| Chokage..... | 2 |

Meters tested..... 3053
 Repaired in Shop..... 175

| Repairs | No. | Labour. | Material | Total |
|--------------------------|-----|---------|----------|---------|
| Dial broken..... | 9 | \$1 26 | \$9 00 | \$10 26 |
| Cast iron bottom..... | 6 | . 80 | 4 30 | 4 10 |
| Disc Piston..... | 30 | 90 | 15 30 | 16 20 |
| Disc spindle..... | 4 | 48 | ..... | 48 |
| Spindle change gear..... | 7 | 28 | 70 | 98 |
| Gear train broken..... | 7 | 1 96 | 8 70 | 10 66 |
| Brass spindle..... | 6 | 84 | ..... | 84 |
| Brass screws..... | 12 | 28 | ..... | 28 |
| Burst by frost..... | 32 | 4 46 | ..... | 4 46 |
| Strained by frost..... | 14 | 1 96 | ..... | 1 96 |
| Worm wheel worn..... | 21 | 2 94 | ..... | 2 94 |
| Bolts stripped..... | 27 | 70 | 2 70 | 3 40 |
| Total..... | 175 | 16 86 | 39 70 | 56 56 |

Repaired in service..... 381

| Repairs..... | No. | Labour | Material | Total |
|---|-----|--------|----------|--------|
| Glass broken..... | 17 | 56 | 85 | 141 |
| Stuffing box leaking..... | 15 | 70 | 10 | 80 |
| Coupling leaking..... | 3 | 21 | ..... | 21 |
| Bottom leaking..... | 1 | 14 | ..... | 14 |
| Defaced..... | 2 | 28 | ..... | 28 |
| Bottom broken..... | 281 | 19 60 | 89 35 | 117 95 |
| Hand broken..... | 2 | 28 | 05 | 33 |
| Brass cap broken..... | 2 | 14 | 03 | 17 |
| Bolts stripped..... | 48 | 56 | 7 20 | 7 76 |
| Dial broken..... | 1 | 14 | 25 | 39 |
| Lock broken..... | 6 | 14 | 12 | 26 |
| Flange leaking..... | 3 | 42 | ..... | 42 |
| Total..... | 381 | 23 17 | 106 95 | 130 12 |
| Removed during alterations to premises..... | | | | 10 |
| Removed on account of vacation of premises..... | | | | 2 |
| Removed premises destroyed by fire..... | | | | 10 |

METERS OWNED BY CITY APRIL 30TH, 1912.

| | Diameter in inches. | | | | | | | | | | Total. |
|------------------|---------------------|----|----|----|-----|-----|----|-----|------|-----|--------|
| | 6" | 4" | 3" | 2" | 1½" | 1¼" | 1" | ¾" | ⅝" | ½" | |
| Tridents..... | 0 | 0 | 0 | 34 | 17 | 0 | 24 | 132 | 2647 | 0 | 2854 |
| Lamberts..... | 0 | 0 | 0 | 12 | 12 | 0 | 0 | 0 | 1126 | 0 | 1150 |
| Siemens..... | 11 | 17 | 42 | 9 | 5 | 10 | 28 | 32 | 0 | 128 | 282 |
| Crown..... | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 4 |
| Buffalo..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| Empire..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Keystone..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Hersey..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Worthington..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Nash..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| Disc..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Standard..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Niagara..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Total..... | 11 | 17 | 42 | 55 | 34 | 10 | 53 | 167 | 3784 | 128 | 4301 |

METERS IN STORE APRIL 30TH, 1912.

| | Diameter in inches. | | | | | | | | | | Total. |
|-----------------|---------------------|----|----|----|-----|-----|----|----|----|----|--------|
| | 6" | 4" | 3" | 2" | 1½" | 1¼" | 1" | ¾" | ⅝" | ½" | |
| Trident..... | 0 | 0 | 0 | 2 | 3 | 0 | 6 | 28 | 0 | 0 | 39 |
| Lambert..... | 0 | 0 | 0 | 10 | 11 | 0 | 0 | 0 | 16 | 0 | 37 |
| Siemens..... | 2 | 4 | 18 | 4 | 1 | 6 | 16 | 3 | 0 | 60 | 114 |
| Buffalo..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Hersey..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Worthington.... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Nash..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Totals..... | 2 | 4 | 18 | 16 | 15 | 6 | 22 | 32 | 19 | 60 | 194 |

CITY METERS IN SERVICE APRIL 30TH, 1912.

| | Diameter in inches. | | | | | | | | | | Total. |
|---------------|---------------------|----|----|----|-----|-----|----|-----|------|----|--------|
| | 6" | 4" | 3" | 2" | 1½" | 1¼" | 1" | ¾" | ⅝" | ½" | |
| Trident..... | 0 | 0 | 0 | 32 | 14 | 0 | 18 | 104 | 2647 | 0 | 2815 |
| Siemens..... | 9 | 13 | 24 | 5 | 4 | 4 | 12 | 29 | 0 | 68 | 168 |
| Lambert..... | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 1110 | 0 | 1113 |
| Crown..... | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 4 |
| Buffalo..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Empire..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Keystone..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Nash..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Disc..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Standard..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Niagara..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Totals..... | 9 | 13 | 24 | 39 | 19 | 4 | 31 | 135 | 3765 | 68 | 4107 |

METERS IN REPAIR SHOP APRIL 30TH, 1912.

| | Diameter in inches. | | | | | | | | | | Total. |
|-----------------|---------------------|----|----|----|-----|-----|----|----|----|----|--------|
| | 6" | 4" | 3" | 2" | 1½" | 1¼" | 1" | ¾" | ⅝" | ½" | |
| Trident..... | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| Lambert..... | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 7 | 0 | 8 |
| Siemens..... | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 4 | 0 | 8 | 17 |
| Buffalo..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Hersey..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Worthington.... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Total..... | 1 | 1 | 0 | 4 | 2 | 0 | 1 | 5 | 9 | 8 | 31 |

PRIVATE METERS IN SERVICE APRIL 30TH, 1912.

| | Diameter in inches. | | | | | | | | | | Total. |
|-------------------|---------------------|----|----|----|-----|-----|----|----|----|----|--------|
| | 6" | 4" | 3" | 2" | 1½" | 1¼" | 1" | ¾" | ⅝" | ½" | |
| Trident..... | 0 | 0 | 0 | 0 | 1 | 0 | 11 | 22 | 8 | 0 | 42 |
| Trident Crest.... | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Lambert..... | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| Siemens..... | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Indicator..... | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Total..... | 0 | 2 | 5 | 5 | 1 | 0 | 11 | 22 | 8 | 0 | 54 |

METERS DISCONTINUED DURING YEAR.

| Street | No. | Date. | Size | Meter Make. | No. | Cause. |
|---------------------|---------|---------------|------|-------------|--------|-----------------------------|
| H. M. Dockyard..... | ..... | Aug. 18, 1911 | 1 | Trident | 240434 | Alterations to premises. |
| Granville..... | 123 | Sept 19, 1911 | 1 | Lambert | 355680 | " |
| "..... | 125 | Sept 19, 1911 | 1 | " | 355687 | " |
| "..... | 121 | Sept 19, 1911 | 1 | Trident | 455005 | " |
| Gottingen..... | 240 | Oct. 4, 1911 | 1 | " | 455277 | House removed. |
| Hollis..... | 41-43 | Nov 15, 1911 | 1 | " | 87599 | Premises destroyed by fire. |
| Gottingen..... | 228 r | Nov 27, 1911 | 1 | " | 87714 | Alterations to premises. |
| John..... | 56 | Jan. 3, 1912 | 1 | " | 463165 | Vacant. |
| Sackville..... | 39-41 | Dec. 29, 1911 | 1 | Lambert | 354939 | Premises destroyed by fire. |
| Creighton..... | 227 | Jan. 5, 1912 | 1 | Trident | 87585 | Premises torn down. |
| Barrington..... | 81 | Jan. 10, 1912 | 1 | " | 240440 | No further use. |
| Barrington..... | 141 | Jan. 16, 1912 | 1 | Lambert | 355266 | Premises destroyed by fire. |
| Granville..... | 106 | Jan. 16, 1912 | 1 | " | 355560 | " |
| Barrington..... | 139 | Jan. 16, 1912 | 1 | " | 355267 | " |
| Granville..... | 102 | Jan. 16, 1912 | 1 | Trident | 449592 | " |
| George..... | 18 | Jan. 16, 1912 | 1 | " | 311462 | " |
| Barrington..... | 143-147 | Jan. 16, 1912 | 1 | Lambert | 355271 | " |
| Granville..... | 72-74 | Jan. 16, 1912 | 1 | Siemens | 184074 | Alterations to premises. |
| Lockman..... | 222-226 | Feb. 9, 1912 | 3 | " | 235292 | Premises destroyed by fire. |
| Windsor..... | 152 | Mar. 7, 1912 | 1 | Lambert | 355053 | " |
| Maitland..... | 31 | Apr. 9, 1912 | 1 | Trident | 449563 | Vacant |
| Poplar Grove..... | ..... | Apr. 12, 1912 | 1 | " | 453737 | " |

DETAILED PRECIPITATION FOR THE YEAR 1911.

| CITY OF HALIFAX. | | | | | | | | | | | | |
|------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Day. | Jan. | Feb. | March. | April | May. | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
| | Inches | Inches. | Inches. | Inches. | Inches. | Inches. | Inches. | Inches. | Inches. | Inches. | Inches. | Inches. |
| 1 | | .500 | | | .082 | 1.080 | | | 2.452 | | .712 | .420 |
| 2 | .486 | .300 | .140 | | .372 | | | | | | .140 | .380 |
| 3 | .580 | 1.670 | .110 | | T | .020 | | | .092 | | .070 | .340 |
| 4 | .750 | .378 | .200 | | | .050 | .020 | | | .310 | | .060 |
| 5 | .050 | | | .470 | | .010 | | .010 | | .382 | | .040 |
| 6 | .010 | .040 | | .290 | | | | | .542 | | | T |
| 7 | .020 | .620 | | .020 | | | | .036 | | | 2.648 | |
| 8 | .742 | .460 | | .920 | | | | .010 | | | | |
| 9 | .594 | .020 | | .200 | .188 | | .050 | .020 | .090 | T | | |
| 10 | | | | T | .430 | T | .092 | | .110 | | .098 | |
| 11 | | | | | .010 | | | .468 | T | | | |
| 12 | .104 | | | | | .020 | .284 | | .020 | | | |
| 13 | .068 | | .060 | | | .276 | | | .046 | .048 | .370 | |
| 14 | .050 | | | | | .190 | | .040 | | | | |
| 15 | .020 | | .850 | .074 | | T | T | .188 | | | 1.110 | .230 |
| 16 | .040 | | .620 | .172 | | .180 | | 1.282 | | | .020 | .010 |
| 17 | | | | .054 | | T | | | .038 | | .010 | |
| 18 | | .490 | .156 | | | .180 | .280 | | .016 | | 1.530 | |
| 19 | .060 | | | | | | .150 | .686 | .336 | | .010 | |
| 20 | .276 | T | .54 | | | .488 | | | .056 | | | |
| 21 | .100 | .280 | T | .460 | | .180 | | | .130 | .010 | .510 | |
| 22 | .238 | T | .200 | .438 | | .120 | .568 | | .070 | | .060 | |
| 23 | | | .248 | | | .060 | T | | T | .386 | | 1.580 |
| 24 | | .040 | | | .010 | | .010 | | T | .398 | .216 | |
| 25 | | | | | .050 | | .897 | | .010 | | 1.490 | |
| 26 | | | .150 | | | | | .566 | .418 | | | |
| 27 | .140 | | .070 | | | T | | .010 | .020 | .060 | .090 | .180 |
| 28 | .820 | | .634 | | | T | | .020 | .266 | .430 | .080 | .148 |
| 29 | .100 | | | | | | .100 | | | | .658 | .010 |
| 30 | 1.164 | | .280 | | .250 | .088 | .042 | | 2.142 | | | |
| 31 | | | | | | | | | | | | T |
| Total... | 6.402 | 4.798 | 4.086 | 2.898 | 1.392 | 2.942 | 2.493 | 3.336 | 6.854 | 2.024 | 9.822 | 2.398 |

Total for the year, 50.445 inches.

DETAILED PRECIPITATION FOR THE YEAR 1911.

| Day. | CHAIN LAKE. | | | | | | | | | | | |
|----------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Jan. | Feb. | March. | April. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. |
| | Inches. | Inches. | Inches. | Inches. | Inches. | Inches. | Inches. | Inches. | Inches. | Inches. | Inches. | Inches. |
| 1 | ... | ... | ... | ... | .06 | 1.18 | ... | .02 | 2.16 | ... | .64 | ... |
| 2 | .46 | ... | .18 | ... | .25 | ... | ... | .07 | ... | ... | .05 | ... |
| 3 | .15 | .65 | .13 | ... | ... | ... | ... | ... | ... | ... | .16 | ... |
| 4 | .93 | ... | ... | ... | ... | .11 | .03 | ... | ... | ... | ... | ... |
| 5 | ... | 1.42 | ... | .85 | ... | .05 | ... | ... | ... | .65 | ... | ... |
| 6 | .05 | ... | ... | .42 | ... | ... | ... | ... | .31 | ... | ... | ... |
| 7 | .05 | ... | ... | ... | ... | ... | ... | .03 | .22 | ... | 1.69 | ... |
| 8 | .70 | .95 | ... | ... | ... | ... | ... | ... | ... | ... | .54 | ... |
| 9 | .50 | ... | ... | ... | .04 | ... | ... | ... | ... | ... | ... | ... |
| 10 | ... | ... | ... | .90 | .46 | .05 | .17 | ... | .18 | ... | .12 | ... |
| 11 | ... | .43 | ... | ... | ... | ... | ... | .30 | ... | ... | ... | ... |
| 12 | .12 | ... | ... | ... | ... | ... | .32 | .15 | ... | ... | ... | ... |
| 13 | ... | ... | .08 | ... | ... | .30 | ... | ... | .06 | .07 | .35 | ... |
| 14 | .05 | ... | ... | ... | ... | .27 | ... | ... | ... | ... | ... | ... |
| 15 | ... | ... | .70 | .07 | ... | ... | .07 | .20 | ... | ... | 1.22 | ... |
| 16 | .04 | ... | .53 | .19 | ... | .22 | ... | 1.50 | ... | ... | ... | ... |
| 17 | ... | ... | ... | ... | ... | ... | ... | ... | .06 | ... | ... | ... |
| 18 | ... | .34 | ... | ... | ... | .10 | .11 | ... | ... | ... | .84 | ... |
| 19 | ... | ... | .16 | ... | ... | ... | .53 | .82 | .33 | ... | .56 | ... |
| 20 | .40 | ... | .52 | ... | ... | .20 | ... | ... | .03 | ... | ... | ... |
| 21 | .11 | .27 | ... | ... | ... | .62 | ... | ... | .18 | ... | .43 | ... |
| 22 | .14 | ... | ... | 1.25 | ... | .05 | .69 | ... | .06 | ... | .43 | ... |
| 23 | ... | ... | .36 | ... | ... | .10 | ... | ... | .02 | .78 | ... | 1.25 |
| 24 | ... | .16 | ... | ... | ... | ... | ... | ... | ... | .52 | ... | ... |
| 25 | ... | ... | ... | ... | .06 | ... | 1.11 | ... | ... | ... | 1.84 | ... |
| 26 | ... | ... | .16 | ... | ... | ... | ... | .57 | .33 | ... | ... | ... |
| 27 | .20 | ... | ... | ... | ... | ... | ... | .03 | .10 | ... | ... | ... |
| 28 | 1.36 | ... | .68 | ... | ... | ... | ... | ... | .31 | .50 | .70 | .20 |
| 29 | ... | ... | ... | ... | ... | ... | .45 | ... | ... | ... | ... | ... |
| 30 | .99 | ... | .38 | ... | .19 | .10 | ... | ... | 2.02 | ... | ... | ... |
| 31 | ... | ... | ... | ... | ... | ... | .02 | ... | ... | ... | ... | ... |
| Total... | 6.25 | 4.22 | 3.88 | 3.68 | 1.06 | 3.35 | 3.50 | 3.62 | 6.44 | 2.52 | 9.57 | 1.50 |

Total for the year, 49.59 inches.

DETAILED PRECIPITATION FOR THE YEAR 1911.

| Day. | SPRUCE HILL LAKE. | | | | | | | | | | | |
|---------|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Jan. | Feb. | March. | April. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. |
| | Inches. | Inches. | Inches. | Inches. | Inches, | Inches. | Inches. | Inches. | Inches. | Inches. | Inches. | Inches. |
| 1 | ... | ... | ... | ... | ... | 1.35 | ... | ... | 2.33 | ... | .61 | ... |
| 2 | .52 | ... | .05 | ... | .68 | ... | ... | ... | ... | .03 | .06 | .07 |
| 3 | .26 | .65 | .04 | ... | ... | ... | ... | ... | .08 | ... | .30 | .90 |
| 4 | 1.15 | .06 | ... | ... | ... | .05 | .05 | ... | ... | ... | ... | .07 |
| 5 | ... | 1.85 | ... | .80 | ... | .04 | ... | .03 | ... | .66 | ... | .15 |
| 6 | ... | ... | ... | .50 | ... | ... | ... | ... | .35 | ... | ... | .05 |
| 7 | .08 | ... | ... | .03 | ... | ... | ... | .02 | .20 | ... | 1.56 | ... |
| 8 | .73 | .68 | ... | ... | ... | ... | ... | .03 | ... | ... | .88 | ... |
| 9 | .49 | ... | ... | .73 | .23 | ... | ... | .02 | ... | ... | ... | ... |
| 10 | ... | .20 | ... | .41 | .38 | .05 | .18 | ... | .20 | .04 | .14 | ... |
| 11 | ... | .08 | ... | ... | ... | ... | .03 | .48 | ... | ... | .03 | ... |
| 12 | ... | ... | ... | ... | .02 | ... | .31 | .02 | ... | .04 | ... | ... |
| 13 | ... | ... | .06 | ... | ... | .28 | ... | ... | .08 | .05 | .35 | ... |
| 14 | .04 | ... | ... | ... | ... | .27 | ... | ... | ... | ... | ... | ... |
| 15 | .04 | ... | .60 | .03 | ... | ... | ... | .27 | ... | ... | .88 | ... |
| 16 | .12 | ... | .68 | .25 | ... | .20 | ... | 1.46 | ... | ... | .17 | .22 |
| 17 | ... | ... | ... | .06 | ... | .02 | ... | .02 | .06 | ... | ... | .19 |
| 18 | ... | .47 | ... | ... | ... | .15 | .24 | ... | ... | ... | .78 | ... |
| 19 | .06 | ... | .17 | ... | ... | ... | .50 | .83 | .45 | ... | .70 | ... |
| 20 | .50 | ... | .54 | ... | ... | .22 | ... | ... | .03 | ... | ... | ... |
| 21 | .03 | .30 | ... | .67 | ... | .58 | ... | ... | .22 | ... | .50 | ... |
| 22 | .33 | ... | ... | .60 | ... | .22 | .33 | ... | .07 | ... | ... | ... |
| 23 | ... | .03 | .37 | ... | ... | ... | .04 | ... | .04 | ... | ... | 1.23 |
| 24 | ... | .09 | ... | ... | ... | ... | ... | ... | ... | ... | .03 | ... |
| 25 | ... | ... | ... | ... | .05 | ... | .88 | ... | ... | ... | 1.97 | ... |
| 26 | ... | ... | .06 | ... | ... | ... | ... | .60 | .37 | ... | .03 | ... |
| 27 | .21 | ... | ... | ... | ... | ... | ... | ... | .06 | ... | .11 | .08 |
| 28 | 1.11 | ... | .63 | ... | ... | ... | ... | .05 | .39 | .42 | ... | .22 |
| 29 | .07 | ... | ... | ... | ... | ... | .12 | ... | 2.10 | ... | .60 | ... |
| 30 | 1.12 | ... | .36 | ... | .13 | .10 | ... | ... | ... | ... | ... | ... |
| 31 | ... | ... | ... | ... | ... | ... | 10 | ... | ... | ... | ... | ... |
| Total.. | 6.86 | 4.41 | 3.56 | 4.08 | 1.49 | 3.53 | 2.78 | 3.83 | 7.07 | 1.20 | 9.70 | 3.18 |

Total for the year, 51.69 inches.

TOTAL PRECIPITATION FOR THE YEAR 1911.

| 1911 | CITY OF HALIFAX. | | | | CHAIN LAKE. | | | | SPRUCE HILL LAKE. | | | |
|----------------|------------------|-------------|--------|--------|-------------|-------------|-------|-------|-------------------|-------------|-------|-------|
| | Snow | Melted Snow | Rain | Total | Snow | Melted Snow | Rain | Total | Snow | Melted Snow | Rain | Total |
| January..... | | 1.020 | 5.382 | 6.402 | 11.50 | 1.72 | 4.53 | 6.25 | 12.50 | 1.73 | 5.13 | 6.86 |
| February..... | | 2.320 | 2.478 | 4.798 | 30.00 | 2.80 | 1.42 | 4.22 | 29.50 | 2.56 | 1.85 | 4.41 |
| March..... | | .880 | 3.206 | 4.086 | 5.50 | .55 | 3.33 | 3.88 | 5.75 | .58 | 2.98 | 3.56 |
| April..... | | 2.278 | 0.620 | 2.898 | 27.00 | 3.00 | .68 | 3.68 | 34.00 | 3.21 | .87 | 4.08 |
| May..... | | | 1.392 | 1.392 | | | 1.06 | 1.06 | | | 1.49 | 1.49 |
| June..... | | | 2.942 | 2.942 | | | 3.35 | 3.35 | | | 3.53 | 3.53 |
| July..... | | | 2.493 | 2.493 | | | 3.50 | 3.50 | | | 2.78 | 2.78 |
| August..... | | | 3.336 | 3.336 | | | 3.62 | 3.62 | | | 3.83 | 3.83 |
| September..... | | | 6.854 | 6.854 | | | 6.44 | 6.44 | | | 7.07 | 7.07 |
| October..... | | .050 | 1.974 | 2.024 | | | 2.52 | 2.52 | | | 1.20 | 1.20 |
| November..... | | .340 | 9.482 | 9.822 | 4.50 | .63 | 8.94 | 9.57 | 3.25 | .44 | 9.26 | 9.70 |
| December..... | | 1.430 | 1.968 | 3.398 | | | 1.50 | 1.50 | 15.50 | 1.60 | 1.58 | 3.18 |
| Totals..... | | 8.318 | 42.127 | 50.445 | 78.50 | 8.70 | 40.89 | 49.59 | 100.50 | 10.12 | 41.57 | 51.69 |

PRECIPITATION AT HALIFAX.

Table showing the monthly and annual depth of rain and melted snow, expressed in inches; also the amount that has fallen from January 1st to the end of each month inclusive, during each year.

| YEAR. | January. | February. | January to Feb. inclusive. | March. | January to Mar. inclusive. | April. | January to April inclusive. | May. | January to May inclusive. | June. | January to June inclusive. |
|-------|----------|-----------|----------------------------|---------|----------------------------|---------|-----------------------------|---------|---------------------------|---------|----------------------------|
| 1869 | 4.530 | 4.380 | 8.910 | 7.950 | 16.860 | 2.570 | 19.430 | 5.570 | 25.000 | 3.920 | 28.920 |
| 1870 | 6.670 | 9.780 | 16.450 | 3.080 | 19.530 | 3.860 | 23.390 | 3.190 | 26.578 | 1.690 | 28.270 |
| 1871 | 3.730 | 5.880 | 9.610 | 6.160 | 15.770 | 4.880 | 20.650 | 2.590 | 23.240 | 2.960 | 26.200 |
| 1872 | 3.880 | 4.490 | 8.370 | 5.370 | 13.740 | 2.850 | 16.590 | 4.440 | 21.030 | 4.230 | 25.260 |
| 1873 | 7.830 | 1.610 | 9.440 | 4.090 | 13.530 | 2.860 | 16.390 | 2.340 | 18.730 | 2.960 | 21.690 |
| 1874 | 5.420 | 5.310 | 10.730 | 3.980 | 14.710 | 4.550 | 19.260 | 4.770 | 24.030 | 7.920 | 31.950 |
| 1875 | 3.481 | 5.877 | 9.378 | 2.113 | 11.491 | 3.378 | 14.869 | 3.977 | 18.846 | 6.067 | 22.913 |
| 1876 | 3.451 | 6.456 | 9.907 | 6.334 | 16.241 | 3.125 | 19.366 | 4.664 | 24.030 | 3.384 | 27.414 |
| 1877 | 4.220 | 1.809 | 6.009 | 8.666 | 14.675 | 3.801 | 18.476 | 4.024 | 22.500 | 3.841 | 26.341 |
| 1878 | 7.522 | 2.697 | 10.219 | 10.284 | 20.503 | 3.502 | 24.005 | 5.759 | 29.764 | 4.477 | 34.241 |
| 1879 | 4.400 | 3.001 | 7.401 | 6.202 | 13.603 | 3.481 | 17.084 | 4.687 | 21.771 | 1.191 | 22.962 |
| 1880 | 7.733 | 5.122 | 12.855 | 3.365 | 16.220 | 4.797 | 21.717 | 4.088 | 25.105 | 1.343 | 26.448 |
| 1881 | 3.607 | 5.329 | 8.936 | 6.556 | 15.492 | 3.498 | 18.990 | 2.460 | 21.450 | 5.308 | 26.751 |
| 1882 | 6.840 | 5.949 | 12.789 | 7.068 | 19.857 | 4.824 | 24.681 | 4.677 | 29.358 | 5.507 | 34.865 |
| 1883 | 4.930 | 3.860 | 8.790 | 4.941 | 13.731 | 3.703 | 17.434 | 8.613 | 26.047 | 3.322 | 29.369 |
| 1884 | 4.406 | 6.161 | 10.567 | 7.034 | 17.601 | 7.213 | 24.814 | 3.629 | 28.443 | 3.773 | 32.216 |
| 1885 | 6.388 | 5.090 | 11.478 | 3.889 | 15.367 | 3.520 | 18.887 | 3.282 | 22.169 | 2.749 | 24.918 |
| 1886 | 8.670 | 3.842 | 12.512 | 4.027 | 16.539 | 0.823 | 17.362 | 8.819 | 26.181 | 2.708 | 28.889 |
| 1887 | 7.706 | 6.735 | 14.441 | 4.449 | 18.890 | 6.396 | 25.286 | 2.126 | 27.412 | 2.121 | 29.533 |
| 1888 | 5.442 | 6.284 | 11.726 | 4.310 | 16.036 | 3.675 | 19.711 | 2.877 | 22.588 | 4.939 | 27.527 |
| 1889 | 4.391 | 6.181 | 10.572 | 2.046 | 12.618 | 7.403 | 20.021 | 3.871 | 23.892 | 3.755 | 27.647 |
| 1890 | 3.963 | 4.645 | 8.608 | 9.889 | 18.497 | 2.958 | 21.455 | 3.970 | 25.825 | 2.440 | 28.865 |
| 1891 | 8.383 | 8.740 | 17.123 | 2.685 | 19.808 | 4.010 | 23.818 | 4.195 | 28.413 | 4.131 | 32.144 |
| 1892 | 6.321 | 2.605 | 8.926 | 5.986 | 14.912 | 2.653 | 17.565 | 5.459 | 23.024 | 3.638 | 26.662 |
| 1893 | 4.781 | 5.979 | 10.760 | 2.303 | 13.063 | 4.209 | 17.272 | 5.054 | 22.326 | 1.753 | 24.079 |
| 1894 | 7.122 | 3.571 | 10.693 | 3.623 | 14.316 | 5.648 | 19.964 | 1.769 | 21.733 | 3.803 | 25.536 |
| 1895 | 10.131 | 4.605 | 14.736 | 5.931 | 20.667 | 3.956 | 24.623 | 4.089 | 28.712 | 1.827 | 30.539 |
| 1896 | 1.720 | 4.199 | 5.919 | 8.786 | 14.705 | 1.413 | 16.118 | 2.532 | 13.650 | 4.671 | 23.321 |
| 1897 | 5.896 | 2.898 | 8.794 | 5.470 | 14.264 | 6.211 | 20.475 | 4.613 | 25.088 | 6.070 | 31.158 |
| 1898 | 4.060 | 4.422 | 8.482 | 4.068 | 12.550 | 7.346 | 19.896 | 2.366 | 22.262 | 5.598 | 27.860 |
| 1899 | 5.083 | 3.613 | 8.696 | 7.178 | 15.874 | 3.278 | 19.152 | 3.677 | 22.829 | 3.875 | 26.704 |
| 1900 | 8.532 | 5.277 | 13.809 | 6.577 | 20.386 | 3.949 | 24.335 | 4.254 | 28.589 | 2.656 | 31.245 |
| 1901 | 6.043 | 0.966 | 7.009 | 4.102 | 11.111 | 6.318 | 17.429 | 5.556 | 22.985 | 6.959 | 29.944 |
| 1902 | 3.289 | 2.735 | 6.024 | 7.757 | 13.781 | 3.067 | 16.848 | 3.725 | 20.573 | 4.908 | 25.481 |
| 1903 | 5.082 | 3.712 | 8.794 | 7.294 | 16.088 | 5.515 | 21.603 | 0.676 | 22.279 | 3.493 | 25.772 |
| 1904 | 6.318 | 5.328 | 11.646 | 5.590 | 17.236 | 5.912 | 23.148 | 3.315 | 26.463 | 2.668 | 29.131 |
| 1905 | 8.290 | 5.326 | 13.616 | 2.804 | 16.420 | 1.260 | 17.680 | 3.217 | 20.897 | 4.970 | 25.867 |
| 1906 | 4.624 | 5.208 | 9.832 | 7.142 | 16.974 | 8.381 | 25.355 | 6.208 | 31.563 | 1.704 | 33.267 |
| 1907 | 6.186 | 4.481 | 10.667 | 3.364 | 14.031 | 3.218 | 17.249 | 3.344 | 20.503 | 3.723 | 24.316 |
| 1908 | 6.172 | 6.112 | 12.284 | 3.129 | 15.413 | 6.373 | 21.786 | 6.248 | 28.034 | 4.320 | 32.354 |
| 1909 | 5.174 | 4.815 | 9.989 | 5.056 | 15.045 | 3.987 | 19.032 | 6.329 | 25.361 | 1.066 | 26.427 |
| 1910 | 9.147 | 6.966 | 16.113 | 4.250 | 20.363 | 8.202 | 28.565 | 3.312 | 31.877 | 5.091 | 36.968 |
| 1911 | 6.402 | 4.798 | 11.200 | 4.086 | 15.286 | 2.898 | 18.184 | 1.392 | 19.576 | 2.942 | 22.518 |
| Ttl. | 247.946 | 250.636 | ..... | 228.984 | ..... | 185.401 | ..... | 175.853 | ..... | 159.471 | ..... |
| Mn. | 5.766 | 5.828 | ..... | 5.325 | ..... | 4.311 | ..... | 4.089 | ..... | 3.709 | ..... |

PRECIPITATION AT HALIFAX.

Table showing the monthly and annual depth of rain and melted snow, expressed in inches; also the amount that has fallen from January 1st to the end of each month inclusive, during each year.

| YEAR. | July. | January to July inclusive. | August. | January to Aug. inclusive. | September. | January to Sept. inclusive. | October. | January to Oct. inclusive. | November. | January to Nov. inclusive. | December. | Total for the Year. |
|-------|---------|----------------------------|---------|----------------------------|------------|-----------------------------|----------|----------------------------|-----------|----------------------------|-----------|---------------------|
| 1869 | 2.920 | 31.840 | 2.580 | 34.420 | 1.570 | 35.990 | 7.300 | 43.290 | 5.470 | 48.760 | 5.770 | 54.530 |
| 1870 | 3.210 | 31.480 | 2.200 | 33.680 | 3.330 | 37.010 | 6.830 | 43.840 | 6.440 | 50.280 | 5.880 | 56.160 |
| 1871 | 3.380 | 29.580 | 2.690 | 32.270 | 4.810 | 38.080 | 4.490 | 42.570 | 4.180 | 46.750 | 4.390 | 51.140 |
| 1872 | 3.880 | 28.140 | 6.820 | 34.960 | 1.410 | 36.370 | 4.880 | 41.250 | 6.650 | 47.900 | 6.160 | 54.060 |
| 1873 | 3.900 | 25.590 | 4.450 | 30.040 | 4.480 | 34.520 | 8.330 | 43.150 | 7.980 | 51.130 | 6.310 | 55.440 |
| 1874 | 2.290 | 34.240 | 3.370 | 37.610 | 5.040 | 42.650 | 2.460 | 45.110 | 3.580 | 48.690 | 5.490 | 54.180 |
| 1875 | 5.612 | 28.525 | 3.555 | 32.080 | 2.060 | 34.140 | 9.976 | 44.116 | 3.544 | 49.660 | 1.614 | 51.274 |
| 1876 | 3.914 | 31.328 | 1.909 | 33.237 | 6.094 | 39.331 | 4.068 | 43.397 | 7.397 | 50.796 | 3.176 | 53.972 |
| 1877 | 4.468 | 30.809 | 3.539 | 34.348 | 3.164 | 37.512 | 6.857 | 44.369 | 8.678 | 53.047 | 4.493 | 57.540 |
| 1878 | 1.483 | 35.724 | 3.127 | 38.851 | 0.800 | 39.651 | 5.061 | 44.712 | 6.989 | 51.621 | 5.119 | 56.740 |
| 1879 | 3.843 | 26.805 | 4.827 | 31.632 | 2.596 | 34.223 | 4.755 | 38.983 | 4.823 | 43.806 | 4.393 | 47.835 |
| 1880 | 3.086 | 29.534 | 3.920 | 33.454 | 5.712 | 39.166 | 4.590 | 43.756 | 4.704 | 48.360 | 4.029 | 52.853 |
| 1881 | 3.177 | 29.935 | 3.062 | 32.990 | 3.105 | 36.095 | 4.206 | 40.301 | 4.420 | 44.721 | 7.034 | 51.755 |
| 1882 | 5.071 | 39.936 | 3.925 | 43.861 | 5.914 | 29.775 | 7.403 | 57.178 | 1.392 | 58.570 | 3.452 | 62.022 |
| 1883 | 3.540 | 32.909 | 5.342 | 38.251 | 3.864 | 42.115 | 5.841 | 44.956 | 3.478 | 51.434 | 6.678 | 58.121 |
| 1884 | 8.294 | 40.510 | 2.771 | 43.281 | 1.788 | 45.069 | 3.093 | 48.162 | 5.992 | 54.154 | 9.123 | 63.078 |
| 1885 | 5.817 | 30.735 | 3.001 | 33.736 | 2.497 | 36.233 | 6.280 | 42.513 | 5.423 | 47.936 | 8.694 | 50.629 |
| 1886 | 6.525 | 35.414 | 4.526 | 39.940 | 4.459 | 44.399 | 2.136 | 46.534 | 5.284 | 51.818 | 5.469 | 57.287 |
| 1887 | 2.045 | 31.578 | 8.351 | 39.939 | 3.308 | 43.237 | 3.058 | 46.295 | 6.718 | 53.013 | 4.120 | 57.133 |
| 1888 | 5.001 | 32.528 | 7.000 | 39.528 | 5.331 | 44.859 | 6.359 | 51.718 | 6.802 | 58.520 | 7.774 | 66.294 |
| 1889 | 2.668 | 30.315 | 2.633 | 32.948 | 1.399 | 34.347 | 4.179 | 38.526 | 7.145 | 45.671 | 2.988 | 48.659 |
| 1890 | 2.141 | 31.006 | 7.042 | 38.048 | 4.534 | 42.582 | 6.603 | 49.185 | 3.716 | 52.901 | 7.202 | 60.103 |
| 1891 | 4.003 | 36.147 | 3.385 | 39.532 | 3.052 | 42.584 | 9.621 | 52.205 | 2.388 | 54.593 | 4.076 | 58.669 |
| 1892 | 2.710 | 29.372 | 6.809 | 36.181 | 1.744 | 37.925 | 3.472 | 41.397 | 9.240 | 50.637 | 3.053 | 53.690 |
| 1893 | 4.757 | 28.836 | 5.954 | 34.790 | 4.391 | 39.181 | 5.640 | 44.821 | 3.760 | 48.581 | 10.167 | 58.748 |
| 1894 | 1.059 | 26.595 | 3.993 | 30.588 | 1.010 | 31.589 | 3.863 | 35.461 | 5.785 | 41.246 | 4.562 | 45.808 |
| 1895 | 3.924 | 34.463 | 5.502 | 39.965 | 2.491 | 42.456 | 5.627 | 48.083 | 8.223 | 56.306 | 5.846 | 62.152 |
| 1896 | 8.729 | 32.050 | 3.037 | 35.087 | 12.092 | 47.179 | 15.039 | 62.218 | 4.396 | 66.614 | 3.248 | 69.862 |
| 1897 | 3.661 | 34.819 | 5.185 | 40.004 | 1.169 | 41.173 | 0.346 | 41.919 | 6.051 | 47.970 | 3.552 | 51.522 |
| 1898 | 3.652 | 31.512 | 5.651 | 37.163 | 4.153 | 41.321 | 4.845 | 40.166 | 10.248 | 56.414 | 4.066 | 60.480 |
| 1899 | 5.747 | 32.451 | 1.542 | 33.993 | 3.201 | 37.194 | 6.191 | 42.385 | 4.590 | 47.975 | 5.038 | 52.013 |
| 1900 | 1.872 | 33.117 | 3.993 | 37.110 | 5.043 | 42.153 | 7.365 | 49.518 | 6.858 | 56.376 | 3.321 | 59.697 |
| 1901 | 1.585 | 31.529 | 3.656 | 35.185 | 6.872 | 42.057 | 4.906 | 46.963 | 2.560 | 49.523 | 8.573 | 58.096 |
| 1902 | 4.613 | 27.132 | 4.767 | 31.899 | 4.657 | 36.556 | 4.252 | 40.808 | 3.813 | 44.621 | 7.295 | 51.916 |
| 1903 | 1.351 | 30.085 | 4.247 | 34.332 | 4.237 | 38.569 | 6.368 | 44.937 | 9.598 | 54.535 | 4.590 | 59.125 |
| 1904 | 2.323 | 31.454 | 6.511 | 37.965 | 4.502 | 42.467 | 5.031 | 47.498 | 5.107 | 52.605 | 4.589 | 57.194 |
| 1905 | 1.927 | 27.794 | 2.733 | 30.527 | 2.753 | 33.280 | 1.539 | 34.819 | 6.348 | 41.167 | 6.268 | 47.435 |
| 1906 | 6.125 | 39.392 | 1.509 | 40.901 | 3.374 | 44.275 | 3.986 | 48.261 | 5.920 | 54.181 | 9.958 | 64.139 |
| 1907 | 3.381 | 27.697 | 4.865 | 32.562 | 4.260 | 36.822 | 5.340 | 42.162 | 6.039 | 48.201 | 6.715 | 54.916 |
| 1908 | 5.700 | 38.054 | 10.658 | 48.712 | 1.413 | 50.125 | 3.704 | 53.829 | 3.272 | 53.101 | 7.769 | 64.870 |
| 1909 | 3.644 | 30.071 | 3.388 | 33.459 | 5.938 | 39.397 | 7.165 | 46.562 | 4.998 | 51.560 | 2.762 | 54.322 |
| 1910 | 5.366 | 42.334 | 2.686 | 45.020 | 3.947 | 48.967 | 8.622 | 57.589 | 5.202 | 62.791 | 4.590 | 67.381 |
| 1911 | 2.493 | 25.011 | 3.336 | 28.347 | 6.854 | 35.201 | 2.024 | 37.225 | 9.822 | 47.047 | 3.398 | 50.445 |
| Ttl. | 163.987 | ..... | 185.047 | ..... | 164.423 | ..... | 234.900 | ..... | 246.843 | ..... | 228.064 | ..... |
| Mu | 3.813 | ..... | 4.303 | ..... | 3.824 | ..... | 5.463 | ..... | 5.740 | ..... | 5.304 | ..... |

HIGHEST AND LOWEST POINTS REACHED AT LONG LAKE
AND SPRUCE HILL LAKE, 1911.

| LONG LAKE | | | | | Precipitation for month in City of Halifax. | SPRUCE HILL LAKE. | | | |
|------------|------------------------------------|-------------------------------------|---------------------------------------|-------|---|-------------------|------------------------------------|------------------------------------|--|
| 1911 | Lowest point reached during month. | Highest point reached during month. | Precipitation for month at Chain Lake | | | 1911 | Lowest point reached during month. | Highest point reached during month | Precipitation for month at Spruce Hill Lake. |
| Jan. 28.. | 206.15 | | | | | Jan. 27.. | 363.61 | | |
| 5.. | | 207.37 | 6.25 | 6.402 | | 10.. | | 364.09 | 6.36 |
| Feb. 28.. | 205.79 | | | | | Feb. 6.. | 363.20 | | |
| 6.. | | 207.11 | 4.22 | 4.798 | | 28.. | | 364.00 | 4.41 |
| Mar. 15.. | 204.20 | | | | | Mar. 15.. | 362.59 | | |
| 31.. | | 206.55 | 3.88 | 4.086 | | 31.. | | 363.51 | 3.56 |
| April 29.. | 206.78 | | | | | April 29.. | 363.49 | | |
| 1.. | | 207.24 | 3.68 | 2.898 | | 1.. | | 363.92 | 4.08 |
| May 31.. | 205.53 | | | | | May 31.. | 363.11 | | |
| 3.. | | 206.91 | 1.06 | 1.392 | | 3.. | | 363.99 | 1.49 |
| June 30.. | 204.66 | | | | | June 30.. | 362.51 | | |
| 5.. | | 205.71 | 3.35 | 2.942 | | 2.. | | 363.11 | 3.53 |
| July 31.. | 203.16 | | | | | July 31.. | 361.46 | | |
| 1.. | | 204.61 | 3.50 | 2.493 | | 1.. | | 362.49 | 2.78 |
| Aug. 31.. | 201.86 | | | | | Aug. 31.. | 360.51 | | |
| 1.. | | 203.11 | 3.62 | 3.336 | | 1.. | | 361.40 | 3.83 |
| Sept. 28.. | 201.47 | | | | | Sept. 29.. | 360.28 | | |
| 4.. | | 202.61 | 6.44 | 6.854 | | 3.. | | 360.92 | 7.07 |
| Oct. 31.. | 201.76 | | | | | Oct. 31.. | 360.32 | | |
| 5.. | | 202.49 | 2.52 | 2.024 | | 5.. | | 360.84 | 1.20 |
| Nov. 1.. | 201.82 | | | | | Nov. 1.. | 360.34 | | |
| 29.. | | 206.24 | 9.57 | 9.822 | | 30.. | | 362.21 | 9.70 |
| Dec. 23.. | 206.12 | | | | | Dec. 23.. | 362.05 | | |
| 25.. | | 206.66 | 1.50 | 3.398 | | 26.. | | 362.34 | 3.18 |

Level of top tier of stop logs at Spruce Hill Lake is taken at 363.34 above M. L. T.
Level of granite waste weir at Long Lake is taken at 205.99 above. M. L. T.

RECORDS COMPARED 1879-1911

| Year | Total Precipitation at Chain Lake | Lowest Level of Long Lake below Waste Weir | | Total Precipitation at Spruce Hill Lake | Lowest Level of Spruce Hill Lake below Waste Weir. | | Total Precipitation in City of Halifax. |
|--------|---|--|------------------|--|---|------------------|--|
| | Inches | Feet | Inches | | Inches | Feet |  | Inches |
| 1879.. | 40.76 | 4 | 6 $\frac{1}{2}$ | ..... | ..... | ..... | 47.700 |
| 1880.. | 51.45 | 3 | 10 $\frac{3}{4}$ | ..... | ..... | ..... | 52.752 |
| 1881.. | 46.65 | 3 | 0 | ..... | 2 | 3 | 51.755 |
| 1882.. | 56.089 | 2 | 6 $\frac{1}{4}$ | ..... | 2 | 0 | 62.022 |
| 1883.. | 46.201 | 4 | 5 $\frac{1}{2}$ | ..... | 3 | 3 | 58.112 |
| 1884.. | 59.252 | 3 | 9 $\frac{1}{4}$ | ..... | 2 | 0 $\frac{1}{2}$ | 63.278 |
| 1885.. | 47.995 | 4 | 5 | ..... | 3 | 0 $\frac{1}{2}$ | 56.629 |
| 1886.. | 46.60 | 2 | 3 | ..... | 2 | 0 | 57.290 |
| 1887.. | 59.82 | 3 | 10 | ..... | 3 | 8 $\frac{1}{4}$ | 57.253 |
| 1888.. | 68.525 | 1 | 5 | 67.21 | 2 | 2 | 66.294 |
| 1889.. | 46.81 | 5 | 11 | 49.10 | 4 | 4 | 48.659 |
| 1890.. | 59.38 | 4 | 2 | 60.78 | 3 | 11 $\frac{3}{4}$ | 60.103 |
| 1891.. | 57.015 | 3 | 6 $\frac{1}{2}$ | 58.99 | 2 | 9 $\frac{1}{4}$ | 58.669 |
| 1892.. | 58.97 | 2 | 11 $\frac{1}{4}$ | 60.19 | 2 | 5 $\frac{3}{4}$ | 53.690 |
| 1893.. | 57.26 | 3 | 11 $\frac{1}{4}$ | 57.98 | 2 | 9 $\frac{1}{2}$ | 58.748 |
| 1894.. | 47.59 | 6 | 4 | 46.40 | 4 | 11 | 45.808 |
| 1895.. | 56.98 | 6 | 7 | 57.94 | 4 | 11 $\frac{1}{2}$ | 62.152 |
| 1896.. | 70.87 | 3 | 1 | 70.72 | 3 | 8 | 69.862 |
| 1897.. | 55.40 | 6 | 3 | 58.01 | 2 | 6 $\frac{1}{2}$ | 51.522 |
| 1898.. | 74.93 | 4 | 5 $\frac{1}{2}$ | 74.48 | 3 | 2 | 60.480 |
| 1899.. | 58.78 | 3 | 9 | 60.24 | 2 | 0 $\frac{1}{2}$ | 53.013 |
| 1900.. | 70.00 | 5 | 6 $\frac{1}{2}$ | 66.59 | 4 | 3 $\frac{1}{2}$ | 59.697 |
| 1901.. | 62.29 | 4 | 5 $\frac{1}{2}$ | 70.47 | 4 | 3 | 58.066 |
| 1902.. | 59.07 | 4 | 9 $\frac{1}{2}$ | 61.73 | 2 | 7 $\frac{1}{2}$ | 51.916 |
| 1903.. | 64.30 | 5 | 10 | 67.64 | 3 | 11 | 59.125 |
| 1904.. | 62.81 | 5 | 10 | 66.56 | 3 | 0 | 57.195 |
| 1905.. | 50.81 | 8 | 4 $\frac{3}{4}$ | 59.22 | 7 | 9 | 47.794 |
| 1906.. | 66.80 | 6 | 3 $\frac{1}{2}$ | 74.51 | 4 | 3 | 64.139 |
| 1907.. | 52.11 | 3 | 6 $\frac{3}{4}$ | 61.85 | 2 | 2 $\frac{1}{4}$ | 54.916 |
| 1908.. | 58.92 | 2 | 8 $\frac{1}{2}$ | 6.58 | 1 | 10 $\frac{1}{2}$ | 64.870 |
| 1909.. | 55.72 | 3 | 9 $\frac{1}{2}$ | 61.08 | 2 | 6 $\frac{1}{2}$ | 54.320 |
| 1910.. | 68.31 | 3 | 10 | 70.97 | 1 | 1 $\frac{3}{4}$ | 67.380 |
| 1911.. | 49.59 | 4 | 6 $\frac{1}{4}$ | 51.61 | 3 | 0 $\frac{1}{2}$ | 50.45 |

CONSUMPTION OF WATER RECORDED BY THE VENTURI
METERS 1911-12.

| Month | LOW SERVICE | | HIGH SERVICE | |
|----------------|-----------------------------|---------------------------|---------------------------|---------------------------|
| | Total Consumption for Month | Average Daily Consumption | Total Consump'n for Month | Average Daily Consumption |
| 1911 | | | | |
| May..... | *211,724,000 | 6,830,000 | 57,138,000 | 1,843,000 |
| June..... | *185,068,000 | 6,149,000 | 54,058,000 | 1,802,000 |
| July..... | *211,709,000 | 6,700,000 | 57,279,000 | 1,848,000 |
| August..... | 191,153,000 | 6,166,000 | 53,447,000 | 1,724,000 |
| September..... | *177,504,000 | 6,916,000 | 52,021,000 | 1,734,000 |
| October..... | 165,359,000 | 5,336,000 | 51,683,000 | 1,670,000 |
| November..... | 167,293,000 | 5,576,000 | 52,305,000 | 1,744,000 |
| December..... | 201,024,000 | 6,480,000 | 51,152,000 | 1,650,000 |
| 1912 | | | | |
| January..... | 231,989,000 | 7,483,000 | 60,474,000 | 1,951,000 |
| February..... | 232,167,000 | 8,000,000 | †54,151,000 | 2,354,000 |
| March..... | o138,836,000 | 4,480,000 | ‡41,883,000 | 1,904,000 |
| April..... | o124,453,000 | 4,148,000 | 49,106,000 | 1,637,000 |

*Averaged.

†23 days only.

‡22 days only....

o24" Main only.

SEWERS CONSTRUCTED DURING 1911.

| LOCATION. | | | CONCRETE. | | | | | 2 lengths 48" Iron Pipe | | Average Depth. | | Cost of Labor | | | Cost per Lineal Ft. | | | Sewerage rates at \$1.25 per lineal foot frontage | FOREMAN |
|-------------------|------------------|---------------------|-----------|-----------|-----------|-----|-----|-------------------------|-------------------|----------------|----------|---------------------|----------|---------|---------------------|----------|-------|---|----------------|
| STREET. | FROM | TO | 14" x 21" | 12" x 18" | 24" x 36" | 30" | 48" | Manholes | Drain Connections | To Invert | Of Earth | Labour and Truckage | Material | Total | Labour and Truckage | Material | Total | | |
| | | | | | | | | | | | | | | | | | | Cedar..... | Louisburg..... |
| Pleasant Ave..... | Plover..... | Eastwardly..... | | 289 | | | | 4 | 5 | | | 787 10 | 235 04 | 1022 14 | 2 72 | 0 81 | 3 53 | 685 00 | Wm. Gilfoy |
| Roome..... | Campbell Rd..... | Acadia..... | | | 955 | 45 | | 4 | 2 | | | 4430 95 | 2178 63 | 6609 58 | 4 43 | 2 18 | 6 61 | 1735 00 | C. McGillivray |
| Watt..... | LeMarchant..... | Vernon..... | 313 | | | | | 4 | 2 | | | 1929 51 | 580 32 | 2509 83 | 4 04 | 1 21 | 5 25 | 433 75 | Wm. Gilfoy |
| LeMarchant..... | Lot 41..... | Watt..... | | 165 | | | | | | | | | | | | | | 391 87 | Wm. Gilfoy |
| Outlet..... | Campbell Rd..... | Low water mark..... | | | | | 728 | 24 | 4 | | | 5347 54 | 3807 13 | 9154 67 | 7 11 | 5 06 | 12 17 | | C. McGillivray |

| Side or Corner | Street |
|----------------|-----------|
| S. W. | Argyle |
| W. | Bell Road |
| N. W. | Bliss |
| S. W. | Bliss |
| N. E. | Carlton |
| N. W. | College |
| S. E. | Edward |
| E. | Edward |
| S. W. | Gottingen |
| N. W. | Gottingen |
| S. W. | Gottingen |
| N. W. | Inglis |
| N. W. | Inglis |
| N. E. | Louisburg |
| N. E. | Lucknow |
| N. W. | Lucknow |
| S. W. | Morris |
| S. | North |
| N. | North |
| S. E. | Quinpool |
| N. E. | Quinpool |
| N. | Quinpool |
| N. W. | Robie |
| W. | Robie |
| C. | Robie |
| E. | Robie |
| C. | Robie |
| N. W. | Robie |
| N. W. | Robie |
| N. W. | Robie |
| N. W. | Robie |
| N. W. | Robie |
| N. W. | Robie |
| N. E. | Robie |
| N. W. | Robie |
| N. | Robie |

CATCHPITS BUILT 1911.

| LOCATION | | | Outlet | REMARKS |
|----------------|------------|----------------------------|--------|----------------|
| Side or Corner | Street | At | | |
| S. W. | Argyle | Buckingham | 12" | |
| W. | Bell Road | Yard gate, N. side | 12" | |
| N. W. | Bliss | Robie | 12" | |
| S. W. | Bliss | Robie | 12" | |
| N. E. | Carlton | College | 12" | |
| N. W. | College | Carlton | 12" | |
| S. E. | Edward | Coburg Road | 12" | |
| E. | Edward | Bet. Coburg Rd. & Morris | 12" | |
| S. W. | Gottingen | Bloomfield | 12" | |
| N. W. | Gottingen | Bloomfield | 12" | |
| S. W. | Gottingen | Macara | 12" | |
| N. W. | Inglis | Park | 12" | |
| N. W. | Inglis | Bland | 12" | |
| N. E. | Louisburg | Pepperell | 12" | |
| N. E. | Lucknow | Inglis | 12" | |
| N. W. | Lucknow | Inglis | 12" | |
| S. W. | Morris | Park | 12" | |
| S. | North | Bet. Windsor & Dublin | 12" | |
| N. | North | Bet. Windsor & Dublin | | Built of stone |
| S. E. | Quinpool | Preston | 12" | |
| N. E. | Quinpool | Monastery Lane | 12" | |
| N. | Quinpool | Preston | 12" | |
| N. W. | Robie | Binney | 12" | |
| W. | Robie | S. of St. Ry. | 9" | At flatiron |
| C. | Robie | S. side of Binney | 12" | In parkway |
| E. | Robie | Binney | | Built of stone |
| C. | Robie | S. side of Binney | 12" | In parkway |
| N. W. | Robie | Bliss | 12" | |
| N. W. | Robie | Cherry | 12" | |
| N. W. | Robie | Jubilee Road | 12" | |
| N. W. | Tower Road | Morris | 12" | N. roadway |
| N. W. | Tower Road | Morris | 12" | In parkway |
| N. W. | Uniacke | Brunswick | 12" | |
| N. | Uniacke | Bet. Brunswick & Gottingen | 12" | |
| N. E. | Windsor | Almon | 12" | |
| N. W. | Windsor | Bluebell Lane | 12" | |
| E. | Windsor | Bet. North & Summit | 12" | |
| N. W. | Windsor | Summit | 12" | |
| N. W. | Windsor | Seaforth | 12" | |

CATCHPITS FILLED IN IN 1911.

| | | | | |
|-------|-----------|-----------|--|--|
| N. W. | Carlton | College | | |
| N. W. | Gottingen | Bilby | | |
| N. W. | Inglis | Bland | | |
| S. W. | Morris | Park | | |
| N. W. | Uniacke | Brunswick | | |

CURB AND GUTTERS LAID, 1911

| Street | Side (or Corner) | From (or at) | To | Length in feet. | | | | Material. | Remarks. |
|----------------|------------------|-----------------|-----------------|-----------------|--------|----------|--------|-----------|----------------------------|
| | | | | Curb. | | Gutter | | | |
| | | | | Straight | Corner | Straight | Corner | | |
| Argyle..... | E | Duke..... | Buckingham... | 13.25 | ..... | 190.17 | ..... | Granite | |
| Argyle..... | W | Duke..... | Buckingham... | 20.50 | ..... | 236.00 | ..... | Granite | |
| Carlton..... | E | Spr. Gard. Rd.. | College..... | 343.21 | 15.75 | 342.05 | 15.75 | Concrete | Granite corners |
| Carlton..... | W | " | " | 339.72 | 15.75 | 339.30 | 15.75 | " | " |
| Coburg Road... | S | Edward..... | Lemarchant... | 731.50 | 63.00 | 746.50 | 63.00 | Granite | |
| " | N | " | Robie..... | 221.42 | 15.75 | 221.42 | 15.75 | " | South roadway at flatiron. |
| Edward..... | E | Sp. Gard. Rd.. | Morris..... | 755.80 | 15.75 | 755.80 | 15.75 | Concrete | Granite corner |
| Gottingen..... | E | North..... | Gerrish..... | 525.00 | 18.80 | 1167.00 | 31.50 | Granite | |
| Gottingen..... | W | " | Macara..... | 1597.50 | 120.00 | 1641.50 | 120.00 | " | |
| Inglis..... | N | South Park.... | Tower Road... | 474.00 | 15.75 | 474.00 | 15.75 | Concrete | Granite corners |
| " | S | " | " | 990.40 | 47.25 | 990.40 | 47.25 | " | " |
| Jacob..... | S | Barrington.... | Water..... | ..... | ..... | 41.00 | ..... | Granite | |
| Macara..... | S | Gottingen.... | Westwardly... | 35.00 | ..... | 35.00 | ..... | Concrete | |
| Morris..... | S | Hollis..... | Water..... | 274.50 | ..... | 274.50 | ..... | Granite | |
| Robie..... | W | Coburg Road.. | Jubilee Road... | 1039.00 | 78.75 | 1038.00 | 78.75 | Concrete | Granite corners |
| " | C | " | Bliss..... | 454.00 | 63.00 | 454.00 | 63.00 | " | " |
| Tower Road.... | W | Morris..... | Spr. Gard. Rd.. | 803.25 | 78.25 | 805.75 | 74.75 | " | " |
| Yniacke..... | N | Brunswick.... | Gottingen.... | 511.15 | 15.75 | 511.15 | 15.75 | " | " |
| Young..... | NE | Needham..... | ..... | ..... | 15.75 | ..... | 15.75 | Granite | |

CEMENT CONCRETE SIDEWALKS, 1911.

| Side | Street | From | To | Area square yards | Ap- prox. width feet | Length | | Total Cost |
|----------|------------------|--------------------|---------------------|-------------------------|-------------------------------|----------|-------|------------|
| | | | | | | Feet | Miles | |
| West... | Argyle..... | Duke..... | Buckingham..... | \$262.49 | 10 | 241.00 | ..... | \$728.56 |
| East.... | Argyle..... | Duke..... | Buckingham..... | 254.60 | 10 | 233.90 | ..... | 672.96 |
| East.... | Argyle..... | Prince..... | Sackville..... | 347.82 | 10½ | 336.81 | ..... | 526.59 |
| East.... | Barrington..... | Duke..... | Northwardly..... | 91.19 | 10 | 90.00 | ..... | 122.22 |
| East.... | Carlton..... | College..... | Spring Garden Road | 248.92 | 5 | 345.55 | ..... | 812.29 |
| West.... | Carlton..... | College..... | Spring Garden Rd.. | 294.43 | 5 | 345.55 | ..... | 797.62 |
| South... | Coburg Road..... | Edward..... | Lemarchant..... | 422.52 | 5 | 648.50 | ..... | 2372.10 |
| East.... | Edward..... | Morris..... | Coburg Road..... | 534.08 | 5 | 770.80 | ..... | 1520.43 |
| East.... | Gottingen..... | Gerrish..... | North..... | 1393.88 | 7½-11 | 1363.67 | ..... | 4905.04 |
| West.... | Gottingen..... | North..... | Macara..... | 1743.95 | 8-10 | 1748.50 | ..... | 6590.14 |
| East.... | Hollis..... | Water..... | Southwardly..... | 63.80 | 10 | 54.85 | ..... | 99.10 |
| North... | Inglis..... | Bland..... | Tower Road..... | 1222.29 | 7 | 1251.35 | ..... | 2574.94 |
| South... | Inglis..... | Young Ave..... | Tower Road..... | 967.42 | 6 | 1026.40 | ..... | 2518.45 |
| South... | Jacob..... | Barrington..... | Water..... | 56.66 | 8½ | 46.55 | ..... | 120.91 |
| South... | Macara..... | Gottingen..... | Westwardly..... | 38.03 | 8 | 35.00 | ..... | 20.25 |
| South... | Morris..... | Hollis..... | Water..... | 335.92 | 10 | 317.70 | ..... | 49.22 |
| South... | Prince..... | Argyle..... | Barrington..... | 163.57 | 10½ | 137.00 | ..... | 246.54 |
| West.... | Robie..... | Coburg Road..... | Jubilee Road..... | 866.20 | 6 | 1089.35 | ..... | 2345.84 |
| West.... | Robie..... | N. side Coburg Rd. | S. side Coburd Rd.. | 68.06 | 6 | 93.00 | ..... | 124.89 |
| East.... | South Park..... | South..... | Inglis..... | 1265.05 | 8 | 1271.00 | ..... | 2172.14 |
| West.... | Tower Road..... | Morris..... | Spring Garden Rd.. | 739.31 | 7 | 823.25 | ..... | 1929.64 |
| North... | Uniacke..... | Gottingen..... | Brunswick..... | 319.90 | 5 | 516.50 | ..... | 1081.39 |
| | | | | 11700.09 | | 13786.23 | 2.61 | 33431.26 |

CROSSINGS LAID IN 1911

| STREET | | | Single or double |
|--------------------|-------------------------|-----------|------------------------|
| Across | At | Side | |
| Argyle..... | St. Paul's..... | North... | Double |
| Fenwick..... | Park..... | East.... | Double |
| Ivanhoe..... | Inglis..... | South.... | Single |
| North..... | Robie..... | West.... | Single |
| Rhuland..... | Park..... | East.... | Double |
| Robie..... | Spring Garden Road..... | North.... | Double |
| Robie..... | Spring Garden Road..... | South.... | Double |
| Rottenburg..... | Queen..... | West.... | Double |
| Victoria Road..... | Park..... | East.... | Double |

COST OF BROKEN STONE AT CRUSHER.

(18050 bushels crushed.)

| | Total | Cost per bu. |
|-------------------------|------------------|--------------|
| Labour and Cartage..... | \$ 815 96 | .0452 |
| Cost of Stone..... | 406 12 | .0225 |
| | \$1222 08 | .0677 |

CITY PROPERTY UNDER LEASE, 1911-12.

| No. of agreement City Engineer's Office. | LOCATION | To Whom Leased. | Date of Lease | Rental | Remarks |
|--|---|-------------------------------|----------------|-----------------|---------------|
| | Agricola St., Step No.— | W. J. Adams | | | |
| 813 | Agricola St., Hatch at No. 47 | James Brooks | Apr. 18, 1906 | \$ 0 48 per ann | |
| 785 | " " " | Louis W. Dixon | May 15, 1902 | 48 " | |
| 1011 | Albermarle St., Hatch at No. 76 | Margaret Hall | June 15, 1909 | 25 " | |
| 850 | Almon St., Railway siding to Silliker Car Co., property | The Silliker Car Co. | Aug. 27, 1903 | 1 00 " | |
| 649 | Argyle St., Hatch at No. 29 | Frank Reardon | April 12, 1904 | 48 " | |
| 1134 | " " " | Wm. Schon | July 26, 1912 | 6 50 " | |
| 636 | " " 43 | Simon Fraser | May 2, 1901 | 57 " | |
| 635 | Barrington St., Hatch at No. 15 | J. E. Roy | April 1, 1901 | 48 " | |
| 1022 | " " 19 | W. M. Brown | Jan. 19, 1910 | 7 30 " | |
| 1135 | " " 66-70 | Wm. Schon | July 26, 1912 | 36 " | |
| 644 | " " 100-102 | H. W. Cameron | May 19, 1902 | 42 " | |
| 915 | " " 22-24 | Brander, Morris & Co. | Oct. 16, 1907 | 25 " | |
| 647 | " " 140-142 | Imperial Pub. Co. | July 12, 1902 | 42 " | |
| 634 | " " 247 | Kenny & Co. | Aug. 27, 1900 | 1 00 " | |
| 816 | " " 255-257 | Scotia Pure Milk Co. | Oct. 24, 1906 | 25 " | |
| 798 | " Encroachment No 30 | St. M's Y. M. T. A. & B. Soc. | Oct. 3, 1906 | 1 00 " | |
| 797 | " " 32 | City Club Building Co. | Nov. 30, 1906 | 1 00 " | |
| 799 | " " 34 | Church of England Inst. | Aug. 66, 1906 | 1 00 " | |
| 800 | " " 102 | R. N. McDonald | July 12, 1905 | 1 00 " | |
| 603 | Bauer St., Encroachment No. 16 | Isabel Zwicker | Sept. 20, 1899 | 1 00 " | P'ble Oct. 1. |
| 638 | Bedford Row, Hatch at No. 25-27 | T. W. P. Flinn, (Trustee) | June 4, 1901 | 48 " | |
| 913 | Blowers St., Hatch at No. 8 | G. G. & J. J. Handley | Sept. 13, 1907 | 25 " | |
| 641 | Brunswick St., Hatch at No. 17 | P. Lowrie | Nov. 5, 1901 | 86 " | |
| 642 | " " 77 | Clara M. Spencer | Mar. 6, 1908 | 67 " | |
| 1013 | " " 178 | T. F. Courtney | Sept. 22, 1909 | 4 20 " | |
| 461 | Campbell Road, Railway siding to Imperial Oil Co's property | Imperial Oil Co., Ltd. | April 20, 1900 | 1.00 " | Pub'd 1899'0 |

1911-12.

CITY ENGINEER'S REPORT

CITY PROPERTY UNDER RELEASE, 1911-12.—(Continued.)

| No. of agreement City Engineer's Office. | LOCATION | To Whom Leased | Date of Lease | Rental | Remarks |
|--|---|---------------------------|----------------|----------|----------------------------------|
| 566 | Charles St. Encroachment | Thos. Ritchie | July 15, 1902 | 25 " | Pub'd '02-'03 |
| 556 | Charles St. Encroachment | Jno. Johnson, Sr. | July 15, 1902 | 25 " | Pub'd '02-'03 |
| 1914 | Coburg Rd., float & shed at foot at Arm | Catherine Mahar | Sept. 10, 1909 | 10 00 " | For 10 yrs. |
| 472 | College St., Encroachment | Diocesan Synod | May 31, 1902 | 1 00 " | |
| 570 | Cunard St., Encroachment at No. 137. | Isaac Sallis | Nov. 1, 1885 | 1 00 " | |
| 470 | Dalhousie College, drainage rights | Gov. Dalhousie College | Nov. 1, 1885 | 1 00 " | |
| 523 | Duffus St., Encroachment | R. B. Moxon | Dec. 16, 1885 | 25 " | |
| | " | Thos. J. Moxon | Dec. 16, 1885 | 25 " | |
| 522 | " | Geo. H. Eisenhauer | Dec. 16, 1885 | 25 " | |
| | " | J. F. Walker | June 26, 1875 | 4 00 " | |
| 787 | Duke St. hatch | Bank of Montreal | April 2, 1906 | 1 70 " | |
| 653 | Dundonald St., encroachment at No. 9 | E. M. Creighton | Aug. 3, 1903 | 25 " | |
| 651 | Fenwick St., hatches at No.— | W. Walsh | Aug. 6, 1903 | 25 " | |
| 477 | " encroachment on sewer lot | Harlan Fulton | Nov. 1, 1884 | 5 00 " | |
| 929 | Ferry Dock | Dartmouth Ferry Co. | April 1, 1890 | 800 00 " | |
| | Gerrish St., hatch at No.— | —Handley | | | Original in City Clerk's office. |
| 914 | Grafton St., hatch at No. 83 | Moirs, Ltd. | Sept 20, 1907 | 66 " | |
| 1131 | Grafton St., hatch at No. 170 | Moirs Ltd. | Oct. 10, 1911 | 22 80 " | |
| 1127 | Granville St., hatch at No. 75-7 | N. S. Fire Ins. Co. | March 29, 1910 | 60 " | |
| 1137 | " | Clayton & Sons. | July 27, 1912 | 1 92 " | |
| 1132 | " | Y. M. C. A. | Nov. 22, 1911 | | |
| 814 | " hatch at No. 93 | Chronicle Building Co. | Aug. 23, 1906 | 1 12 " | |
| 639 | " " 108 | J. J. Stewart & W. Dennis | Feb. 18, 1901 | 57 20 " | |
| 786 | " " 139 | Amherst Boot & Shoe Co. | July 12, 1905 | 60 " | |
| 1130 | Gottingen St., " 69-69½ | Isnor Bros. | June 2, 1911 | 1 04 " | |
| 646 | " " 78 | Peoples' Bank of Halifax | June 25, 1902 | 2 19 " | |
| 635 | " " 106 | G. Verdi | April 1, 1901 | 48 " | |
| 632 | " " 201 | Edward Coolen | May 13, 1900 | 25 " | |
| 811 | " " 181 | George J. Hiseler | Aug. 6, 1906 | 42 " | |

| | | | | | | | | |
|------|---------------|---|-------------|-------------------------|----------------|--------|---------|---------------|
| 812 | " | " | 183 | George J. Hiseler | Aug. 6, 1906 | 42 | " | |
| 955 | " | encroachment | 370 | Wm. H. Phillips | Oct. 19, 1908 | 25 | " | |
| | Hanover St., | boat landing | | Chas. Duggan | Dec. 21, 1907 | 5 00 | " | |
| 502 | Hastings St., | North of Doyle St. | | Wm. Jakeman | Jan. 11, 1895 | 2 00 | " | |
| 640 | Hollis St., | hatches at No. 39 | | Fraser Bros. | Oct. 23, 1901 | 48 | " | |
| 1133 | " | " | 140-4 | J. P. Fairbanks | April 3, 1912 | 11 20 | " | |
| 912 | " | " | 158-160 | Royal Securities Corpn. | July 4, 1907 | 36 | " | |
| 916 | " | " | 197 | Eastern Trust Co. | March 26, 1908 | 36 | " | |
| | " | " | 235 | Acadia Sugar Ref. Co. | Aug. 24, 1900 | 25 | " | |
| | " | encroachment, | Hfx. Hotel. | H. Hesslein & Sons. | May 1, 1887 | 1 00 | " | |
| 652 | " | " | No. 44 | Jas. Dwyer | Aug. 3, 1903 | 25 | " | |
| 726 | " | " | 90 | Bank of Nova Scotia | Sept. 27, 1904 | 1 00 | " | Pub'd '04-'05 |
| 831 | " | " | 102 | E. W. O'Donnell | March 1907 | 01 | " | Pub'd '06-'07 |
| 549 | Inglis St., | cellar vaults | | B. O'Neill | Feb. 28, 1971 | £0 1 0 | " | |
| 918 | Jubilee Road, | boat landing at Arm. | | C. F. Longley | March 31, 1907 | 5 00 | " | |
| 936 | Kempt Road, | City lot | | W. Taylor | May 1, 1908 | 22 00 | " | |
| 926 | Lockman St., | encroachment | | Caleb Heisler | Aug. 25, 1900 | 25 | per ann | 1 year. |
| 934 | " | " | No. 55 | J. M. McGrath | Oct. 15, 1908 | 25 | " | |
| 935 | " | " | 65 | Chas. M. Smith | Dec. 1908 | 25 | " | |
| 1128 | " | hatch at No. 211 | | T. Green | Feb. 6, 1911 | 25 | " | |
| | Morris St., | boathouse east end | | F. M. Slaney | | | | |
| 517 | " | encroachment, No. 99 | | Jas. Morrow | Nov. 13, 1884 | 1 00 | " | Payable Sep 1 |
| 436 | " | right of egress and ingress east of Water | | Geo. P. Black | Nov. 25, 1875 | 5 00 | " | 3 mos. notice |
| 484 | " | public landing foot of | | Alex. Grant | Aug. 1, 1890 | 1 00 | " | 25 years. |
| 1915 | " | right of drainage | | Children's Aid Society | April 7, 1909 | 1 00 | " | |
| | Maitland St., | encroachment at No. 20 | | Peter R. Allen | July 3, 1905 | 1 00 | " | |
| | Ferry Wharf, | boathouse on | | Geo. Fournier | July 13, 1910 | 5 00 | " | |
| | " | " | | Geo. Listen | Oct. 1, 1884 | 5 00 | " | |
| | North Ferry, | boathouse on | | Geo. Evans | July 13, 1910 | 5 00 | " | |
| 928 | " | landing | | Geo. Evans | July 3, 1908 | 5 00 | " | Dec.31, 1913 |
| | McLean St., | encroachment | | S. End Tennis Club | June 12, 1903 | 1 00 | " | |
| 431 | North St., | encroachment cor. Lockman | | Wm. A. Adams | Aug. 24, 1899 | 1 00 | " | P'ble Sep 3d. |
| 798 | Pipe line 27" | encroachment | | Henderson & Potts | Oct. 4, 1904 | 1 00 | " | |
| 628 | Pleasant St., | right of drainage | | Rufus D. Bayers | June 27, 1903 | 50 | " | |
| 727 | " | encroachment No. 156 | | Wm. Cameron | July 18, 1904 | 25 | " | Pub'd '04-'05 |
| 1136 | Prince St. | sewer outlet | | Mahon Bros., Ltd. | June 18, 1912 | 60 | " | |
| | " | " | lane. | G. P. Mitchell & Son | | | | |
| | " | " | | Beazley Bros. | | | | |

PLUMBING AND DRAINAGE

**ANNUAL REPORT OF PLUMBING INSPECTOR
1911-1912**

F. W. W. Doane, Esq.,
City Engineer.

Sir:—I beg leave to submit for your information, a report of the work done by me during the year in the Water and Health Departments.

Respectfully submitted,

W. P. MORRISSEY,

Inspector of Plumbing.

CONTRACTS 1911-12.

| DESCRIPTION | CONTRACTOR | QUANTITY | RATE | Amount | Remarks |
|--------------------------------------|----------------------------|----------|--------------------|--------|---------|
| Granite—Coal hole tops..... | Andrew W. Yeadon..... | | \$6.00 each | | |
| " Hatch curbs..... | " | | 0.65 per lin. ft. | | |
| " Paving setts..... | " | | \$2.16 per sq. yd. | | |
| " 2' rad. corner curb & gutter | " | | \$2.40 each | | |
| Granite Pipe House, Chain Lakes... | Edward Maxwell..... | | \$4166.00 | | |
| Granite Pipe House Spruce Hill Lakes | " | | \$1485.00 | | |
| Hardware..... | Lawrence Hardware Co..... | | Schedule rate | | |
| Lumber..... | Brookfield Bros., Ltd..... | | " | | |
| Manure—Removal of..... | C. J. Piercey..... | | \$15.00 | | |
| Meters—Installation of..... | W. S. Craig..... | | 80c each | | |
| " " wiped joints..... | " | | 35c each | | |
| " " cup joints..... | " | | 35c each | | |
| " " wiped joints..... | " | | 85c each | | |
| " " cup joints..... | " | | 40c each | | |
| " " wiped joints..... | John McFatrige..... | | 60c each | | |
| " " cup joints..... | " | | 30c each | | |
| " " wiped joints..... | " | | 65c each | | |
| " " cup joints..... | " | | 35c each | | |
| Scrap Iron..... | John Simon..... | | \$11.50 per ton | | |
| Special Castings..... | Scotia Foundry Co..... | | Schedule | | |
| Stone—Broken..... | Poors Association..... | | .02½c per bush. | | |
| " For breaking, crusher..... | Newton Harvey..... | | .03½c per bush. | | |
| Teams for sprinklers..... | Alfred Drysdale..... | | \$3.50 per day | | |
| " "..... | Wm. Parsons, Sr..... | | \$3.65 per day | | |
| Valves—6"..... | G. B. Oland & Co..... | | \$10.95 each | | |
| Veterinary Services..... | Dr. Gough..... | | \$1.90 per horse | | |
| Wheels—Sprinkler, large front..... | Stroud & Eveleigh..... | | \$13.75 | | |
| " " small front..... | " | | \$12.50 | | |
| " " hind large..... | " | | \$15.75 | | |
| " " hind small..... | " | | \$13.25 | | |
| " Wagonfront..... | " | | \$12.75 | | |

1911-12.

CITY ENGINEER'S REPORT

CONTRACTS—Continued.

| DESCRIPTION | CONTRACTOR | QUANTITY | RATE | Amount | Remarks |
|--|-------------------------|----------|----------------------------------|--------|---------|
| Wheels—Wagon, hind | " | | \$14.00 | | |
| Cement,—Portland | Rhodes, Curry Co., Ltd. | 500000 | 39 $\frac{1}{2}$ c per 100 lbs. | | |
| City Clock—Maintenance | F. C. Ryan | | \$148.00 | | |
| Coal—City Hall, hard | S. Cunard & Co. | | \$6.95 | | |
| " City Hall, reserve | " | | \$4.85 | | |
| " Steam roller, Acadia lump | " | | \$5.30 | | |
| " Crusher, Acadia nut | " | | \$4.30 | | |
| " Drill, Acadia lump | " | | \$5.20 | | |
| " Stables, reserve | " | | \$4.85 | | |
| " Albion slack | " | | \$4.75 | | |
| " Stockyard, hard | " | | \$7.25 | | |
| Corporation Stopcocks— $\frac{1}{2}$ " | Miller Limited | | \$0.65 | | |
| " " $\frac{3}{4}$ " | " | | \$1.09 | | |
| Drain Pipe—Straight 12" | Brookfield Bros. | 1000 | 23 $\frac{1}{2}$ c per lin. foot | | |
| Explosives—Blastine | G. B. Oland & Co. | | 20c per lb. | | |
| " Detonators | " | | 75c box | | |
| " Electric fuse | " | | 3 $\frac{1}{2}$ c | | |
| Feed—Hay | Gunn & Co., Ltd. | | \$14.00 per ton | | |
| " Straw | " | | \$ 8.50 per ton | | |
| Feed—Bran | " | | \$26.00 per ton | | |
| " Oats | " | | 55c per bush. | | |
| " Cracked feed | " | | \$34.00 per ton | | |
| Granite—Straight curb | Andrew W. Yeadon | | 73c per lin. ft. | | |
| " Corner | " | | 76c per lin. ft. | | |
| " Straight gutter | " | | 47c per lin. ft. | | |
| " Corner gutter | " | | 67c per lin. ft. | | |
| " Straight c. p. stones | " | | \$5.00 each | | |
| " Corner c. p. stones | " | | \$5.90 each | | |
| " Round m. h. tops | " | | \$6.75 each | | |
| " Square m. h. tops | " | | \$6.45 each | | |

PROPERTIES ACQUIRED BY THE CITY OF HALIFAX, 1911-12.

| File No. City Eng'r's Office. | Location | By Whom Deeded. | Date | Consideration. | Registry of Deeds | |
|----------------------------------|-----------------------|-----------------------|----------------|----------------|-------------------|------|
| | | | | | Book | Page |
| ..... | Gottingen Street..... | Wm. Barnes et al..... | March 21, 1912 | \$1 00 | 418 | 130 |
| ..... | Cunard Street..... | S. A. Marshall..... | April 30, 1912 | 1 00 | 418 | 202 |
| ..... | Cunard Street..... | S. A. Marshall..... | April 30, 1912 | 1 00 | 418 | 203 |

PROPERTIES ACQUIRED BY THE CITY OF HALIFAX 1911-1912.

The following properties were acquired by the City of Halifax during the year 1911-12:—

All that certain lot of land situate, lying and being in the North suburbs of the City of Halifax aforesaid being part and parcel of land sold and conveyed to John Albro deceased by James Creighton by deed bearing date on or about the twentieth day of November, A. D., 1819 and marked and numbered on a certain plan of division of the said lands made by the said John Albro and registered at Halifax as lot number ten, bounded and described as follows, that is to say:—Beginning at the South East corner of lot number nine on said plan sold to John James Sawyer on Gottingen Street, thence measuring southwardly in front on Gottingen Street fifty feet and extending in depth westwardly the same width, one hundred and twenty five feet to the rear.

All that certain lot, piece and parcel of land situate, lying and being on the north side of Cunard Street at the northeast corner of Maynard Street in the City and County of Halifax, the said lot being more particularly described as follows:—Beginning at a point formed by the intersection of the existing north line of Cunard Street with the east line of Maynard Street; thence northerly by the said east line of Maynard Street for a distance of nineteen feet more or less or until it meets the proposed new north line of Cunard Street; thence easterly by the said proposed new north line of Cunard Street for a distance of eighty feet more or less or until it meets the western line of the property belonging to the Halifax School Commissioners; thence southerly by the said western line of the said property belonging to the said Halifax School Commissioners for a distance of nineteen feet, more or less, or to the existing north line of Cunard Street; thence westerly by the

said existing north line of Cunard Street seventy nine feet, more or less, to the place of beginning, the above described lot being all that portion of the property belonging to S. A. Marshall situated at the northeast corner of Maynard and Cunard Streets, lying between the existing north line of Cunard Street and the proposed new north line of Cunard Street, the said proposed new north line being shewn by the blue line on section 12 of the Official City Plan.

All that certain lot of land and premises situate in the City of Halifax aforesaid, and described as follows, that is to say, bounded on the south by Cunard Street and there measuring one hundred and one feet; on the west by Creighton Street and there measuring seventy six feet; on the north by lands now or formerly belonging to John Glassey and there measuring one hundred and one feet; on the east by lands formerly belonging to Catherine McDonald and by lands formerly belonging to Thomas Bayne and there measuring eighty one feet more or less.

CERTIFICATE NO. 22.

This is to Certify that the lines of railway of the Halifax Electric Tramway Company Limited, situate on the streets hereinafter specified, to wit:—

Beginning at a point on Pleasant Street near to and north of the northern boundary of Point Pleasant Park; thence running southwardly along the continuation of Pleasant Street into the Park, to a point north of and near the first road junction south of Steele's Pond; being all the single track constructed by the Halifax Electric Tramway Company, Limited on the above named street between the two points mentioned, under authority of resolution of the City Council of Halifax, Nova Scotia, passed at a meeting held on the 8th day of June, 1911,

have been constructed to my satisfaction.

(Sgd.) F. W. W. DOANE,

City Engineer.

I, Joseph A. Chisholm, Mayor of the City of Halifax do hereby approve of the above certificate.

(Sgd.) J. A. CHISHOLM,
Mayor

Dated at Halifax, twelfth day of February, 1912.

INDEX.

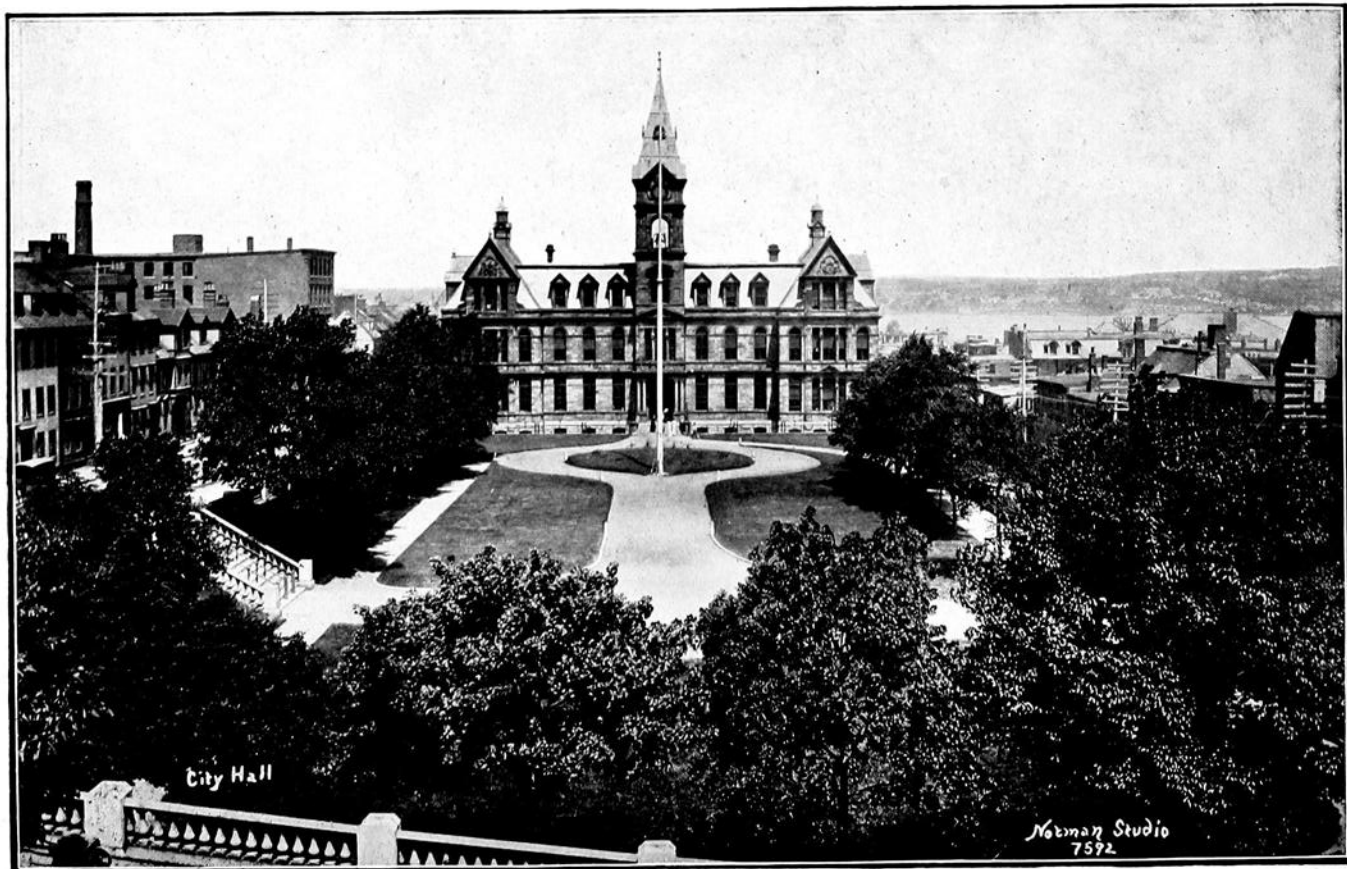
| ACCOUNTS | Page |
|--|------|
| Board of Trade..... | 81 |
| " Health..... | 72 |
| Contingent..... | 54 |
| Camp Hill Cemetery..... | 72 |
| Court of Appeal..... | 77 |
| Citizens' Library..... | 68 |
| County of Halifax..... | 58 |
| City Property..... | 41 |
| City Home..... | 59 |
| Children's Hospital..... | 80 |
| Dalhousie University..... | 72 |
| Dog Tax..... | 57 |
| Dispensary and Morgue..... | 69 |
| Deaf and Dumb Institution..... | 70 |
| Electric Wiring Inspection..... | 42 |
| Fire Department..... | 42 |
| Fines and Fees..... | 56 |
| Fuel..... | 39 |
| Halifax Electric Tramway..... | 58 |
| Hack and other Licenses..... | 56 |
| Indexing Printed Minutes of Council..... | 55 |
| Industrial School..... | 70 |
| Internal Health..... | 36 |
| Insurance..... | 40 |
| Infants' Home—Tower Road..... | 71 |
| " Brunswick Street..... | 71 |
| Jury List Revisors..... | 80 |
| Lighting City Hall..... | 40 |
| Lighting Streets..... | 40 |
| Liquor License Fund..... | 55 |
| Loans—Extension Charles Street..... | 86 |
| " Permanent Sidewalks..... | 85 |
| " Public Gardens..... | 87 |
| " Fire Department..... | 84 |
| Market House Fund..... | 84 |
| Medical Examiner..... | 79 |
| Police..... | 29 |
| Printing and Stationery..... | 52 |
| Public Gardens and Commons..... | 65 |
| Public Schools..... | 58 |
| Public Schools Consolidated Fund..... | 85 |
| Provincial Exhibition Deficit, 1910..... | 79 |
| Protestant Home for Females..... | 71 |
| Point Pleasant Park..... | 67 |
| Public Baths..... | 42 |
| Rents of City Property..... | 57 |
| Rockhead Prison..... | 31 |
| Roman Catholic Home for Females..... | 71 |
| Registrar of Births and Deaths..... | 79 |
| Registrar of Voter..... | 79 |
| Salaries..... | 28 |
| St. Patrick's Home..... | 70 |
| Streets..... | 34 |

ACCOUNTS

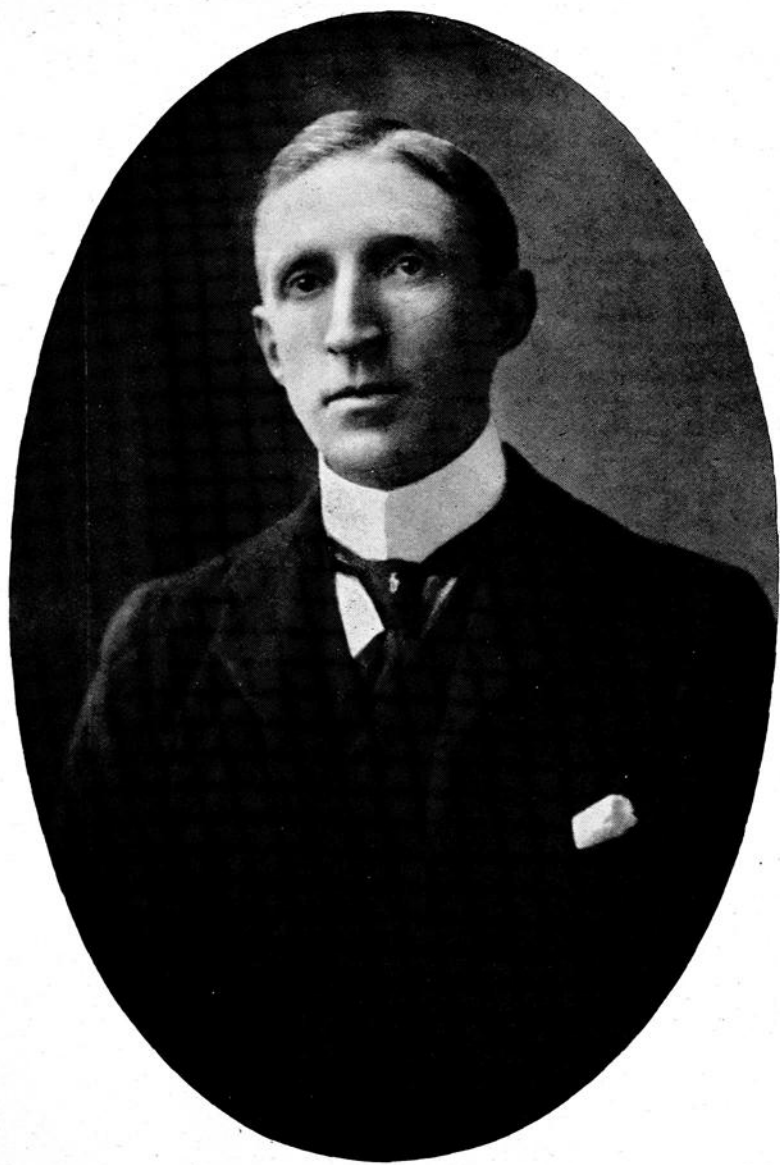
| | Page. |
|--|---------|
| Streets, Cleaning Paved..... | 35 |
| Sewerage Maintenance..... | 38 |
| Sir Sanford Fleming Park..... | 80 |
| Sewerage Loan..... | 87 |
| School for the Blind..... | 70 |
| Superannuation of Police and others..... | 77 |
| Society for Prevention of Cruelty..... | 80 |
| Truants..... | 71 |
| Technical Education..... | 80 |
| Telephones..... | 39 |
| Teams and Stables..... | 37 |
| Victorian Order of Nurses..... | 80 |
| Water Maintenance..... | 81 |
| Water Construction..... | 83 |
| Aldermen, List of..... | 172 |
| Assessment Valuation..... | 26, 115 |
| Balance Sheet..... | 92 |
| City Government, 1911-1912..... | 3 |
| Committees and Commissions..... | 4 |
| Debt, Statement of..... | 15 |
| Estimates, 1911-1912..... | 9 |
| Mayors, List of..... | 171 |
| Officials..... | 8 |
| Firemen's Superannuation Fund..... | 98 |
| Officials' Superannuation Fund..... | 97 |
| Police Superannuation Fund..... | 97 |
| Sinking Funds and other Trust Funds..... | 93 |
| School Debt..... | 17 |

REPORTS

| | |
|--|---------|
| Assessors..... | 113 |
| Auditor..... | 14, 88 |
| City Clerk..... | 101 |
| Charities Committee, Superintendent..... | 108 |
| Clerk of Works..... | 152 |
| City Collector's Returns..... | 26 |
| Coal Weighers..... | 11 |
| Coal Weighers..... | 112 |
| Exhibition, N. S. Provincial, 1911..... | 110 |
| Engineer, City..... | 169 |
| Electrician..... | 150 |
| Fire Department—Valuations..... | 21, 126 |
| " Chief..... | 124 |
| " Chief Engineer..... | 148 |
| Fires..... | 131 |
| Library..... | 116 |
| License Inspector..... | 111 |
| Police, Chief of..... | 118 |
| Rockhead Prison..... | 105 |
| Treasurer's..... | 89, 100 |
| Valuation—City Property..... | 20, 27 |
| " Exemptions..... | 22 |
| " Miscellaneous..... | 25 |
| " Assessment and Rate 1911-1912,..... | 177 |



CITY HALL, HALIFAX.



F. P. BLIGH, Mayor.

CITY HALL, BALTIMORE