

TABLE showing the number of Gallons of Water which could be delivered in 24 hours from lead pipe of short lengths. As ascertained by experiments made June 19th, 1860, by Mr. O'Donnell, Engineer, Quebec Water Works.

Note.—These experiments show the relative capacity of the different sizes as well as the great quantity of water which can be taken by the Consumer daily. The actual delivery into houses would be less than the above in proportion to the length of the service in each case.

Date.		Size of pipe in inches.	Quantity of water which could be delivered in 24 hours.		
1860. June 19	From Hydrant at corner St. Nicholas and St. Paul Streets.....	1	Gallons. 141,384 69,120 46,416 35,328		
"	Do Des Fossés and St. Rochs Streets...	1	141,384 69,120 51,840 37,464	Ordinary pressure the stop cocks throttled as usual.	
"	Do Craig and Prince Edward Streets...	1	141,384 74,040 52,728 37,032		
"	Do St. Peter and Lenden Hall Streets...	1	124,416 63,480 43,800 30,504		
"	Do Grande and Du Fort Streets.....	1	135,216 70,680 48,600 34,944		
"	Do St. Ursule and St. Ann Streets....	1	172,800 84,048 55,536 40,392		
"	Do St. Dennis and Laport Streets....	1	88,872 63,480 35,736 25,920		After 5.00 P. M. when the water was shut off from St. Rochs and Lower Town to supply the Cape.
"	Do Des Fossés and Craig Streets.....	1	Pressure too great to measure with 1 inch. 141,384 88,872 67,608		About 75 per cent of full pressure on.
"	Do St. George and St. Augustin Streets.	1	145,704 88,872 63,480 46,416		
		3	69,120		
"	Do Jupiter and St. John Streets.....	1	145,704 75,864 50,160 34,944		Under ordinary pressure.
"	Do Mount Pleasant.....	1	135,216 63,480 44,424 30,504		
"	Do Grande Allée and Lachevrotière Str.	1	124,416 43,300 34,500 24,432	Water turned up under about 75 per cent of the full pressure but could be produced if requisite.	