

TABLE 2.

Experiments on the Quebec Water Works—April, 1860.

Date.	Time.	Quantity of Water in cubic feet per minute taken into the main at Lo- rette.	Pressure in main at Mount Pleasant, in lbs. per square inch.	Loss of head due to friction in main at Mount Pleasant— feet.
26	12.00	318.15	.....	.....
"	1.00	315.12	.....	.....
"	2.00	303.00	.....	.....
"	2.30	.....	291	197
"	3.00	317.64	194	190
"	4.00	327.24	.....	.....
"	5.00	303.00	.....	.....
"	5.30	290.88	.....	.....
"	6.00	273.91	.....	.....
"	6.30	254.52	.....	.....
"	7.00	266.64	.....	.....
"	7.30	210.89	.....	.....
"	8.00	207.04	.....	.....
"	8.30	256.94	.....	.....
"	9.00	271.49	.....	.....

From 12.00 M. to 5.00 P. M., the City was supplied by St. John Street in the same manner as on the 21th and 25th (Table 1.) except that the stop cocks leading to Lower Town were less throttled. Between 5.00 and 8.00 P. M. the water was turned up to Grand Allée so as to give a pressure on the summit. After 7.30 P. M., the stop cocks were being arranged to feed over the Grand Allée without pressure on the summit.

The average delivery of the main from 12.00 M. to 5.00 P. M., was 314 cubic feet per minute.

TABLE 3.

Experiments on the Quebec Water Works—April, 1860.

Date.	Time.	Quantity of Water in cubic feet per minute taken into the main at Lo- rette.	
27	6.00 A. M.	264.21	
"	7.00 "	276.34	
"	8.00 "	287.85	
"	9.00 "	288.46	
"	10.00 "	290.88	
"	10.05 "	.....	6 lbs. pressure at corner of Grande Allée and St. Augustin Street.
"	10.15 "	.....	7 do do St. Amable and do do.
"	10.30 "	280.78	No pressure at corner of { St. Amable and Lacheyrotière Street.
"	10.50 "	.....	{ Grande Allée and do do.
"	11.00 "	280.78	35 lbs. pressure at Mount Pleasant.
"	11.30 "	284.82	
"	12.00 "	282.80	
"	12.30 P. M.	286.03	
"	1.00 "	286.03	
"	1.30 "	281.18	
"	2.00 "	274.26	
"	3.00 "	280.78	