

—: CERTIFICATES:—

FROM P. W. ST. GEORGE, ESQ., C. E., CITY SURVEYOR, MONTREAL.

CITY SURVEYOR'S OFFICE,

Montreal, May 7th, 1888.

W. C. Trotter, Manager Standard Drain Pipe Company, St. Johns:

DEAR SIR,—I herewith send you two tests made with your Pipes, on the 7th of March and of 3rd of May, 1888:

TESTING VITRIFIED CLAY PIPES, MARCH 7, 1888.							SMOKE TEST, MAY 3, 1888.
Maker.	Size of Pipe.	No. Test.	Thickness.	Weight of Pipe in Lbs.	Breaking Wgt. in Lbs. per Square Inch.	Average.	Eight Lengths of Pipe and Three Junctions.
Standard Drain Pipe Comp'y	12 in	1	1 inch	131 lbs	5794 lbs	5096 lbs	ST. JOHNS Leaked at one small hole.
"	12 in	2	1 inch	130 lbs	5628 lbs		
"	9 in	3	3/4 inch	88 lbs	4812 lbs	5854 lbs	GARTCRAIG Leaked at sockets and junction of three junctions, and leaked in three lengths of pipe.
"	9 in	4	3/4 inch	88 lbs	4976 lbs		
"	9 in	5	3/4 inch	88 lbs	5804 lbs		

Yours truly,

P. W. ST. GEORGE, City Surveyor.

FROM P. W. ST. GEORGE, ESQ., C. E.

CITY SURVEYOR'S OFFICE,

MONTREAL, Feb. 23, 1891.

W. C. Trotter, Esq., Pres. Standard Drain Pipe Co., St. Johns:

DEAR SIR,—In reply to your letter of the 18th inst., asking me my opinion in reference to the strength and durability of the Vitrified Tile Pipes and Inverts furnished by your company to the Road Department of the City of Montreal, I beg to say that it has been good. The test made as to crushing strength was most satisfactory a proof of which is that we used in 1890:

Pipes of 4, 6, 9, 12 and 15 inch, . . . 12,175
Bends, 3,568
Inverts, 26,244

Yours truly,

PERCIVAL W. ST. GEORGE,

City Surveyor.

FROM R. P. FLEMING, ESQ., C. E.

Engineer to the Sanitary Association of Montreal, and M.C.S.C.E.

MONTREAL SANITARY ASSOCIATION,

10th May, 1888.

W. C. Trotter, Esq., Manager Standard Drain Pipe Co., St. Johns:

DEAR SIR,—I have pleasure in testifying that I have tested your Vitrified Drain, both as regards crushing strength and freedom from kiln cracks and other defects, and found them highly satisfactory in these respects. A drain consisting of eight lengths of straight pipe and three junction pieces was submitted to the crucial smoke test, which the pipes withstood in a most satisfactory manner; while a second drain of inferior pipes from another factory, when submitted to the same test, showed numerous defects in the pipes, through which the smoke escaped in large quantities.

I am, sir, yours very truly,

(Signed) RICHARD P. FLEMING,

M. Can. Soc., C. E., Engineer.

FROM J. A. U. BEAUDRY, ESQ., C. E.

Dominion Land Surveyor.

99 ST. JAMES ST., MONTREAL.

October 17th, 1884.

To the Standard Drain Pipe Company, St. Johns, P. Q.:

I have much pleasure in stating that the Tile Pipes we have received from you for the sewers of St. Canegonde have proved superior in quality and appearance to those imported from Scotland.

(Signed) J. ALPHONSE BEAUDRY, C. E.,
Engineer in charge.

FROM C. SPROATT, ESQ., C. E.

City Engineer, Toronto.

CITY ENGINEER'S OFFICE,

Toronto, Jan. 8th, 1889.

Robt. Carroll, Esq., Agent Standard Drain Pipe Co.:

DEAR SIR,—The city will accept St. Johns pipe on the several city works subject to the same terms and conditions as other grades of pipe which are used on the city works are subjected to.

Yours truly,

(Signed) C. SPROATT,
City Engineer.

FROM J. L. STOKES, ESQ., C. E.

Engineer in charge Parkdale, (Toronto.)

OFFICE OF THE COUNTY ENGINEER AND SUFF. OF YORK ROADS,
County Court House, Toronto, Dec. 10th, 1888.

To R. Carroll, Esq.:

DEAR SIR,—In reply to your question re St. Johns Sewer Pipes, I beg to say that in the town of Parkdale I used about 8000 feet of said pipe, (15 inch), the same having been furnished by you to Contractor Farly, and was well satisfied with them. I consider them a good, serviceable pipe.

I am yours, &c.,

(Signed) JOHN L. STOKES,
City Engineer.