

THE GREY AND BRUCE PORTLAND CEMENT COMPANY  
of Shallow Lake, Limited.

Manufacturers of  
**"HERCULES" PORTLAND CEMENT**

Very finely ground. Unsurpassed for Sidewalks, Floors and all work requiring the Highest Grade of Portland Cement. For prices address,

A. D. CREASON, Sec'y-Treas.  
Head Office, Owen Sound, Ont.

Phone No.: PARKDALE 1809.

Post Office and Telegraph Address: SWANSEA.

**THE DOMINION SEWER PIPE CO., LIMITED**  
SWANSEA, TORONTO, ONT.



MANUFACTURERS OF

**VITRIFIED SALT GLAZED - SEWER PIPES**

Price Lists and Discounts on Application

In Sizes from 4 inches to 24 inches

"Judge a Cement by Its Works."

AMERICAN

**ALSEN**

GERMAN

is sold under a guarantee other portlands cannot make in good faith. That guarantee is backed by the oldest and most responsible manufacturers in the world. Selected for **PANAMA CANAL** in Preference at Equal Prices and is exceeding those severe requirements.

90,000 bbls. Key West this year.  
The best color and most durable for cement blocks and sidewalks.

90,000 bbls. City of Rochester Reservoir.  
Write for list of other important works in all sections.



**The Toronto Pressed Steel Co., Limited**  
Toronto and Winnipeg

Manufacturers

Drag Scrapers (Solid pressed bowl)  
Wheel Scrapers (pressed or square bowls)  
Dump Cars, from 1 to 3 yards  
Wheelbarrows, Wood or Steel Trays  
Waggons, Carts, Cement Mixers, Etc.

Prompt delivery from stock at Toronto and Winnipeg.  
Send for complete catalogue. Write nearest office.



**Canadian White Company, Limited**

SOVEREIGN BANK BUILDING, MONTREAL, CANADA

WINNIPEG OFFICE: BANK OF BRITISH NORTH AMERICA BUILDING

**ENGINEERS AND CONTRACTORS**

FOR

Steam and Electric Railroads; Electric Light and Power Plants; Building Construction; Water and Gas Works; Docks, Harbor Works, etc., etc.

CORRESPONDENTS

J. G. WHITE & COMPANY, INC.,  
New York City

J. G. WHITE & COMPANY, LIMITED,  
London, England

WARING-WHITE BUILDING CO.  
London, England

One Grade

"The Cement of Quality"

The Highest

Tests of



**NATIONAL Portland Cement**

BY

The City Engineer of Toronto for 1903-4

Note the High Grade of National. Compare it with others.



Year.	No Samples Tested.	Soundness Fajr Test.	Specific Gravity	Residue in Test on No. 100 Sieve	Setting Time in Minutes		Tensile Strength in pounds per square inch.									
					Initial	Final	Neat.					3 (Sand) to 1 (Cement)				
							1 dy.	7 dy.	28 dy.	3 mos.	1 yr.	1 dy.	7 dy.	28 dy.	3 mos.	1 yr.
1903	20	O.K.	3.135	2.1	162	345	307	701	783	827	*	74	214	299	367	*
1904	44	O.K.	3.150	2.0	132	342	300	744	848	914	938	86	262	354	401	427

\* Tests for 1 year were not completed when records closed. 1905 report not yet issued.

THE BEST IS THE CHEAPEST

**The National Portland Cement Company**

Limited

Toronto Sales Office: 22 James Building

Head Office and Mills: DURHAM, ONTARIO