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LIME INDUSTRY, 1940

Production of quick and hydrated lime in Canada during 1940 totalled 716,730 short tons valued at $5,194,555 compared with 552,209 short tons at $4,003,514 in 1939. The 1940 output comprised 623,803 short tons of quick lime valued at $4,421,758 and 92,927 short tons of hydrated lime worth $772,797. During the year under review, 568,479 tons of quick lime and 44,421 tons of hydrated lime were sold or used by lime producers for chemical purposes while the balance of Canadian lime production, totalling 103,830 tons and consisting of both quick and hydrated was sold or used for building, agricultural and other purposes.

Stone used in the production of lime in Canada included calcium, high calcium and dolomitic varieties of limestone. It is estimated that about 1,200,000 tons of limestone were utilized in the production of lime in 1940. Lime was produced in all Canadian provinces in 1940 with the exception of Prince Edward Island and Saskatchewan; no commercial production was reported in the Territories. Of the total Canadian output of lime in 1940, Ontario plants produced 372,634 tons or 52 per cent and Quebec 233,419 tons of 33 per cent. Imports of lime into Canada in 1940 came entirely from the United States and totalled 4,126 short tons valued at $23,352; exports of lime during the same period amounted to 23,617 tons at $121,340.

During 1940 the industry reported 55 plants as active; capital employed totalled $5,107,739 and $1,003,671 in salaries and wages were distributed to 962 employees. The cost of fuels and purchased electricity used amounted to $1,424,047 and the value of explosives, chemicals and other process supplies consumed aggregated $177,499.

Lime is marketed in the form of quicklime and in the hydrated state, the latter being a specially prepared slaked lime in the form of a fine powder that is marketed in 50-pound, multi-wall paper bags.

Quicklime is marketed in the lump, pebble, crushed and pulverized forms; lump lime and pebble lime are sold either in bulk or packed in barrels; crushed lime (1 inch and under) and pulverized lime (ground to minus 20 mesh, and in some plants to minus 50 mesh) are sold in airtight multi-wall paper bags.

Prices of the various lime products vary over a wide range depending on the geographical position of the plants and on differences in quality of the lime.

A review of lime in 1940 by the Bureau of Mines, Ottawa, contains the following information:

"In addition to the recently developed new use for white high-calcium lime in the making of calcium carbonate filler for newsprint and magazine paper, a number of other new uses for Canadian lime have been developed lately, several of them in connection with the manufacture of war materials. Recent research in the United States on stabilization of clay-soil roads with hydrated lime has shown that on certain clays better results are obtained with lime than with other stabilizing materials.

"During 1940, Gypsum, Lime and Alabastine Canada Limited, further increased the capacity of its chemical lime plant at Beachville, Ontario, by the addition of a

new, vertical, gas-fired kiln, and the three large kilns of this type are now being supplied with producer gas instead of natural gas. The new kilns are regarded as being among the most modern shaft kilns on this continent and they represent a notable advance in the technology of manufacturing lime in vertical kilns.

"Aged lime putty and lime mortar for use in building construction are now available in a number of Canadian cities. Lime mortar is coming back into favour as a binder in masonry, and sales of lime for this purpose have increased very considerably within the past two years and, with the present high degree of activity in the construction industry, are expected to increase further in the coming year.

"There are many prospective lime-producing localities in Canada because of the abundance of suitable limestone throughout the country. With the northward development of the mining industry, considerable interest is being manifested in making lime from limestone deposits in the far north."

Table 1 - PRINCIPAL STATISTICS OF THE LIME INDUSTRY IN CANADA, 1939 and 1940

		1939	1940
Number of firms		54	50
Number of plants		59	55
Capital employed	$	4,802,983	5,107,739
Number of employees - On salary		85	77
On wages		852	885
Total		937	962
Salaries and wages - Salaries	$	128,067	127,943
Wages	$	721,401	875,728
Total	$	849,468	1,003,671
Selling value of products (gross)	$	4,003,514	4,977,008
Cost of fuel and electricity	$	944,502	1,424,047
Process supplies used	$	107,510	177,499
Selling value of products (net)	$	2,951,502	3,450,661

Table 2 - CAPITAL EMPLOYED IN THE LIME INDUSTRY IN CANADA, BY PROVINCES, 1940

Province	Capital employed as represented by: Present cash value of land	Present value of buildings, fixtures, machinery, tools and other equipment	Inventory value of stone on hand, fuel and miscellaneous supplies on hand	Inventory value of finished products on hand	Operating capital (cash bills and accounts receivable, prepaid expenses, etc.)	TOTAL
	$	$	$	$	$	$
New Brunswick(x)	25,500	121,100	14,800	5,500	42,400	209,300
Quebec	50,000	662,963	269,044	8,290	294,037	1,284,334
Ontario	161,437	1,961,742	252,775	9,524	37,058	2,422,536
Manitoba	...	500,756	34,902	7,388	...	543,046
Alberta	2,500	163,042	9,364	5,930	33,136	214,472
British Columbia	5,000	221,191	43,223	32,096	132,481	434,051
CANADA	244,437	3,630,794	624,668	68,728	539,112	5,107,739

(x) Includes data for 2 firms in Nova Scotia.

Table 3 - NUMBER OF FIRMS, EMPLOYEES, SALARIES AND WAGES AND LIME (QUICK AND HYDRATED) SOLD OR USED, BY PROVINCES, 1938, 1939 and 1940

Province	Number of firms	Number of employees	Salaries and wages	Fuel, electricity and process supplies used	PRODUCTION Tons of lime, sold or used	PRODUCTION Value (gross)
			$	$		$
1938						
New Brunswick(/)	5	103	99,090	55,640	27,598	230,204
Quebec	19	317	253,422	282,127	137,314	843,331
Ontario	15	248	266,790	454,058	270,478	1,989,259
Manitoba	3	80	67,060	77,092	19,824	198,685
Alberta	3	23	28,900	26,128	12,053	107,012
British Columbia	3	96	79,716	44,944	19,655	174,161
CANADA	48	867	795,068	939,989	486,922	3,542,652
1939						
New Brunswick(/)	6	109	109,925	63,428	33,456	281,409
Quebec	20	346	278,523	392,136	161,112	983,072
Ontario	19	254	276,077	483,428	302,259	2,236,952
Manitoba	3	85	67,500	72,151	20,032	196,190
Alberta	3	25	29,031	20,559	12,400	108,632
British Columbia	3	118	88,403	20,310	22,351	197,259
CANADA	54	937	849,468	1,052,012	552,200	4,003,514
1940						
New Brunswick(/)	6	125	138,955	81,031	43,250	359,501
Quebec	18	374	351,726	693,816	233,419	1,480,466
Ontario	17	259	324,229	684,001	372,634	2,752,787
Manitoba	3	89	74,229	75,199	22,167	217,547
Alberta	3	32	38,503	38,082	16,372	149,720
British Columbia	3	83	96,024	29,417	28,388	234,534
CANADA	50	962	1,003,671	1,601,546	716,730	5,194,555

(/) Includes data relating to two firms in Nova Scotia.

Table 4 - NUMBER OF WAGE-EARNERS WHO WORKED THE NUMBER OF HOURS SPECIFIED, DURING ONE WEEK IN MONTH OF NORMAL EMPLOYMENT, NOT INCLUDING OVERTIME

Hours	1940 No.	Hours	1940 No.
30 hours or less	10	51 - 54 hours	204
31 - 43 hours	11	55 hours	86
44 hours	76	56 - 64 hours	308
45 - 47 hours	8	65 hours and over	115
48 hours	261	GRAND TOTAL	1,083
49 - 50 hours	4	Total wages paid in that week $	22,970

Table 5 - NUMBER OF WAGE-EARNERS ON PAYROLL OR TIME RECORD ON THE 15th OF EACH MONTH OR NEAREST REPRESENTATIVE DATE, 1937 - 1940

Month	1937		1938		1939		1940	
	Quarry	Kiln	Quarry	Kiln	Quarry	Kiln	Quarry	Kiln
January	235	397	266	463	274	450	275	440
February	251	434	242	438	252	449	271	463
March	269	429	278	472	300	489	274	497
April	305	483	298	491	340	492	316	530
May	323	540	329	524	366	539	366	563
June	328	550	341	456	370	522	370	554
July	327	565	341	482	362	539	390	590
August	328	511	333	487	360	538	372	596
September	308	560	318	480	359	549	365	582
October	284	590	302	519	351	585	378	594
November	273	548	286	503	347	539	328	597
December	250	440	263	448	310	471	326	536

Table 6 - FUEL AND ELECTRICITY USED IN THE LIME INDUSTRY IN CANADA, 1939 and 1940

Kind	Unit of measure	1939 Quantity	1939 Value	1940 Quantity	1940 Value
			$		$
Bituminous coal - Canadian	short ton	48,628	305,348	81,330	567,930
Imported	short ton	51,137	235,652	60,095	298,189
Anthracite coal	short ton	249	1,956	1,868	16,058
Lignite coal	short ton	81	302	81	305
Coke	short ton	13,570	93,136	16,813	123,562
Gasoline	Imp. gal.	50,615	11,429	86,212	21,250
Kerosene	Imp. gal.	2,919	577	1,244	291
Fuel oil and diesel oil ..	Imp. gal.	423,422	16,807	612,920	23,101
Wood	cord	50,018	173,403	54,822	193,026
Other fuel	$	...	...	...	1,298
Gas, natural	M cu. ft.	165,914	56,362	350,597	117,887
Electricity purchased	K. W. H.	9,108,478	49,530	10,396,113	61,150
TOTAL	$	...	944,502	...	1,424,047

Note: Electricity generated for own use in 1940 totalled 1,307,252 K.W.H.; and 1,247,789 K.W.H. in 1939.

Table 7 - POWER EQUIPMENT IN CANADIAN LIME PLANTS, 1940

	Number of units (x)	Total rated horse power
Steam engines and steam turbines	7	235
Diesel engines	5	409
Other internal combustion engines	23	727
Hydraulic water wheels	...	...
Electric motors	393	7,339
Boilers	19	1,390

(x) Includes reserve equipment.

Table 8 - PRODUCTION OF LIME IN CANADA, 1930 - 1940

Year	Short tons	Value	Year	Short tons	Value
		$			$
1930	490,802	4,038,698	1936	488,401	3,335,970
1931	344,785	2,764,415	1937	543,353	3,824,317
1932	320,650	2,394,537	1938	486,922	3,542,652
1933	323,540	2,432,306	1939	552,209(a)	4,003,514
1934	368,113	2,745,797	1940	716,730(b)	5,194,555
1935	405,419	2,925,791			

(a) Includes 263,957 tons used by producers.
(b) Includes 357,550 tons used by producers.

Table 9 - LIME SOLD OR USED FOR CHEMICAL AND OTHER PURPOSES AND VALUE OF CONTRACTS IN CANADA, 1930 - 1940

Year	Lime sold or used for chemical purposes		Lime sold or used for building or other non-chemical purposes		Value of construction contracts awarded in Canada (a)
	short tons	$	short tons	$	$
1930	351,443	2,596,112	139,359	1,442,586	456,999,600
1931	231,837	1,637,319	112,948	1,127,098	315,482,000
1932	255,472	1,758,898	65,178	635,639	132,872,400
1933	235,810	1,664,946	87,730	767,360	97,289,800
1934	229,906	1,598,906	138,207	1,146,891	125,811,500
1935	260,385	1,775,657	144,534	1,150,134	160,305,000
1936	389,324(b)	2,670,266	79,077	665,704	162,588,000
1937	466,796(c)	3,112,147	82,557	712,770	224,056,700
1938	403,825(d)	2,746,927	83,097	795,725	187,277,900
1939	455,148(e)	3,059,306	97,061	944,208	187,178,500
1940	612,900(f)	4,201,318	103,830	993,237	346,009,800

(a) Compiled by McLean Building Reports Ltd.
(b) 349,040 short tons quicklime; 39,384 short tons hydrated lime.
(c) 421,867 tons quicklime and 44,929 short tons hydrated lime.
(d) 373,278 tons quicklime and 30,547 short tons hydrated lime.
(e) 424,287 tons quicklime and 30,861 tons hydrated lime.
(f) 568,479 tons quicklime and 44,421 tons hydrated lime.

Table 10 - PRODUCTION OF LIME IN CANADA, BY PROVINCES, 1940, SHOWING PURPOSES FOR WHICH USED (x) OR SOLD

		Nova Scotia and New Brunswick	Quebec	Ontario	Manitoba and Alberta	British Columbia	TOTAL CANADA
		(1 ton = 2,000 pounds)					
QUICKLIME							
Building trades -							
Finishing lime	ton	...	615	3,677	3,548	173	8,013
	$	...	5,450	24,302	33,656	4,070	67,478
Masons' lime	ton	1,925	7,651	11,868	1,270	...	22,714
	$	16,700	75,784	100,340	12,562	...	205,386
Sand-lime brick	ton	...	1,393	6,126	...	...	8,140
	$	...	8,895	39,424	...	...	48,494
Agriculture	ton	196	21	42	...	97	335
	$	1,818	175	247	...	502	2,567

Table 10 - PRODUCTION OF LIME IN CANADA, BY PROVINCES, 1940, SHOWING PURPOSES FOR WHICH USED (x) OR SOLD (Continued)

		Nova Scotia and New Brunswick	Quebec	Ontario	Manitoba and Alberta	British Columbia	TOTAL CANADA
		(1 ton = 2,000 pounds)					
CHEMICAL -							
Smelters (non-ferrous)	ton	...	...	777	2,652	45	3,474
	$	...	...	4,276	26,520	417	31,213
Iron and steel furnaces (a)	ton	23,885	1,675	34,218	...	336	60,114
	$	200,933	13,067	239,689	...	3,115	456,804
Cyanide mills (gold mines)	ton	...	4,963	19,000	6,144	379	30,486
	$	...	34,408	113,489	49,618	3,514	201,029
Pulp and paper mills..	ton	8,558	98,494	6,580	8,356	13,082	135,070
	$	69,908	565,772	43,462	57,407	104,256	840,805
Glass works	ton	...	...	8,496	...	...	8,496
	$	...	...	56,101	...	...	56,101
Sugar refineries	ton	200	22	9,534	10,146	410	20,312
	$	1,800	230	81,090	84,134	3,802	171,056
Tanneries	ton	...	924	3,131	2	...	4,057
	$	...	6,168	20,485	20	...	26,673
Fertilizer plants	ton	...	...	242	...	...	242
	$	...	...	1,767	...	...	1,767
Insecticide plants ...	ton	...	...	994	...	231	1,225
	$	...	...	6,975	...	2,142	9,117
Other chemical works..	ton	155	75,561	229,017	270	...	305,003
	$	1,450	542,604	1,602,889	3,240	...	2,150,183
Uses unspecified	ton	...	5,612	769	1,294	8,447	16,122
	$	...	55,316	6,070	13,379	78,320	153,085
TOTAL QUICKLIME	ton	34,919	197,531	334,471	33,682	23,200	623,803
	$	292,609	1,307,869	2,340,606	280,536	200,138	4,421,758
HYDRATED LIME							
Building trades -							
Finishing lime	ton	56	...	19,301	5,005	...	24,362
	$	560	...	239,235	82,009	...	321,804
Masons' lime	ton	815	1,050	7,786	...	...	9,651
	$	6,842	10,316	67,007	...	...	84,165
Sand-lime brick	ton	...	...	...	...	...	751
	$	...	...	...	...	...	6,328
Agriculture	ton	1,246	751	3,045	...	3,230	7,530
	$	11,014	6,328	30,937	...	21,475	63,426
CHEMICAL -							
Smelters (non-ferrous)	ton	...	65	3,942	20	873	4,900
	$	...	682	37,665	200	5,787	44,334
Iron and steel furnaces	ton	...	20,821	91	...	...	20,912
	$	...	62,463	886	...	...	63,349
Cyanide mills	ton	...	1,959	377	145	74	2,555
	$	...	9,794	4,251	1,450	491	15,986
Pulp and paper mills..	ton	5,875	5,530	70	...	...	11,475
	$	45,425	44,468	753	...	...	90,646
Sugar refineries.....	ton	.22	152	110	...	...	284
	$	198	1,292	1,148	...	...	2,638

Table 10 - PRODUCTION OF LIME IN CANADA, BY PROVINCES, 1940, SHOWING PURPOSES FOR WHICH USED (x) OR SOLD (Concluded)

		Nova Scotia and New Brunswick	Quebec	Ontario	Manitoba and Alberta	British Columbia	TOTAL CANADA
				(1 ton = 2,000 pounds)			
CHEMICAL (Concluded) -							
Tanneries	ton	...	405	854	...	...	1,259
	$	...	3,150	5,193	...	...	8,343
Fertilizer plants ..	ton	...	25	...	...	...	25
	$	...	150	...	...	...	150
Insecticide plants..	ton	317	...	10	6	42	375
	$	2,853	...	95	60	278	3,286
Other chemical works	ton	...	370	2,085	181	...	2,636
	$	...	3,167	21,659	3,012	...	27,838
Uses unspecified	ton	...	4,760	492	...	960	6,212
	$	...	30,787	3,352	...	6,365	40,504
TOTAL HYDRATED LIME.	ton	8,331	35,888	38,163	5,357	5,183	92,927
	$	66,832	172,597	412,181	86,731	34,396	772,797
GRAND TOTAL	ton	43,250	233,419	372,634	39,039	28,388	716,730
	$	359,501	1,480,466	2,752,787	367,267	234,534	5,194,555

(a) Includes calcined dolomite used as a refractory material.
(x) Not necessarily consumed in provinces where produced.
NOTE: Of the total quantity of 716,730 tons of lime produced, 357,550 tons were consumed by the producers themselves.

Table 11 - PRODUCTION OF LIME IN CANADA, BY PROVINCES, 1939, SHOWING PURPOSES FOR WHICH USED (x) OR SOLD

		Nova Scotia and New Brunswick	Quebec	Ontario	Manitoba and Alberta	British Columbia	TOTAL CANADA
				(1 ton = 2,000 pounds)			
QUICKLIME							
Building trades -							
Finishing lime	ton	...	35	2,965	2,557	308	5,865
	$	...	475	21,455	22,984	4,446	49,360
Masons' lime	ton	2,450	7,312	6,297	929	...	16,988
	$	21,040	68,254	50,265	6,832	...	147,391
Sand-lime brick	ton	...	1,555	5,910	...	...	7,465
	$	...	7,218	37,900	...	...	45,118
Agriculture	ton	210	5	10	...	118	343
	$	2,290	48	30	...	590	2,958
CHEMICAL -							
Smelters (non-ferrous).	ton	...	...	603	1,509	62	2,174
	$	...	...	3,490	15,090	620	19,200
Iron and steel furnaces (a)	ton	16,054	936	17,877	...	759	35,686
	$	139,439	7,717	127,177	...	7,537	281,920
Cyanide mills (gold mines)	ton	25	5,197	15,817	4,877	806	26,722
	$	250	38,082	96,171	39,962	8,056	182,521
Pulp and paper mills ..	ton	6,928	77,252	5,405	7,477	8,353	105,415
	$	55,984	412,515	36,172	49,240	67,487	621,398

Table 11 - PRODUCTION OF LIME IN CANADA, BY PROVINCES, 1939, SHOWING PURPOSES FOR WHICH USED (x) OR SOLD (Continued)

		Nova Scotia and New Brunswick	Quebec	Ontario	Manitoba and Alberta	British Columbia	TOTAL CANADA
		(1 ton = 2,000 pounds)					
CHEMICAL (Concluded) -							
Glass works	ton	...	...	7,775	524	...	8,299
	$	...	...	51,550	4,199	...	55,749
Sugar refineries	ton	200	33	7,783	8,075	608	16,699
	$	1,700	316	69,694	66,990	6,076	144,776
Tanneries	ton	...	825	3,194	...	...	4,019
	$	...	5,777	20,716	...	...	26,493
Fertilizer plants	ton	...	...	109	...	...	109
	$	...	...	763	...	...	763
Insecticide plants	ton	...	...	1,034	...	87	1,121
	$	...	...	7,221	...	869	8,090
Other chemical works ..	ton	160	34,176	189,460	247	...	224,043
	$	1,450	236,241	1,306,262	2,381	...	1,546,334
Uses unspecified	ton	...	798	3,630	1,543	6,934	12,905
	$	...	9,786	33,756	16,790	69,305	129,637
Other consumers	ton	...	6,147	753	...	...	6,900
	$	...	57,626	7,413	...	...	65,039
TOTAL QUICKLIME	ton	26,027	134,331	268,622	27,738	18,035	474,753
	$	223,053	844,055	1,870,035	224,468	165,036	3,326,647
HYDRATED LIME							
Building trades -							
Finishing lime	ton	80	...	18,165	4,523	...	22,768
	$	830	...	208,870	76,456	...	286,156
Masons' lime	ton	1,083	721	7,605	...	...	9,409
	$	9,024	10,213	65,135	...	...	84,372
Agriculture	ton	1,664	766	2,629	...	2,841	7,900
	$	14,470	7,610	26,837	...	19,009	67,926
CHEMICAL -							
Smelters (non-ferrous).	ton	...	14,236	18	20	873	15,147
	$	...	42,878	173	200	5,841	49,092
Iron and steel furnaces	ton	...	...	73	...	...	73
	$	...	...	697	...	...	697
Cyanide mills	ton	...	1,090	383	20	...	1,493
	$	...	5,450	4,234	200	...	9,884
Pulp and paper mills ..	ton	4,300	5,868	101	...	...	10,269
	$	30,750	41,297	1,113	...	...	73,160
Sugar refineries	ton	20	126	88	...	25	259
	$	180	1,071	928	...	167	2,346
Tanneries	ton	...	485	413	...	...	898
	$	...	3,413	4,421	...	...	7,834
Fertilizer plants	ton	...	195	...	...	...	195
	$	...	1,170	...	...	...	1,170
Insecticide plants	ton	282	300	...	...	44	626
	$	3,102	2,400	...	...	294	5,796
Other chemical works ..	ton	...	...	1,671	230	...	1,901
	$	...	...	18,585	3,498	...	22,083

Table 11 - PRODUCTION OF LIME IN CANADA, BY PROVINCES, 1939, SHOWING PURPOSES FOR WHICH USED (x) OR SOLD (Concluded)

		Nova Scotia and New Brunswick	Quebec	Ontario	Manitoba and Alberta	British Columbia	TOTAL CANADA
				(1 ton = 2,000 pounds)			
CHEMICAL (Concluded) -							
Uses unspecified	ton	...	468	2,224	...	1,033	3,725
	$	...	3,749	32,324	...	6,912	42,985
Other consumers	ton	...	2,526	267	...	...	2,793
	$	...	19,766	3,600	...	...	23,366
TOTAL HYDRATED LIME..	ton	7,429	26,781	33,637	4,793	4,816	77,456
	$	58,356	139,017	366,917	80,354	32,223	676,867
GRAND TOTAL	ton	33,456	161,112	302,259	32,531	22,851	552,209
	$	281,409	983,072	2,236,952	304,822	197,259	4,003,514

(a) Includes calcined dolomite used as a refractory material.
(x) Not necessarily consumed in provinces where produced.

Note: Of the total quantity of 552,209 tons of lime produced, 263,957 tons were consumed by the producers themselves.

Table 12 - IMPORTS INTO CANADA AND EXPORTS OF LIME, 1939 and 1940

		1939		1940	
		Quantity	Value	Quantity	Value
			$		$
IMPORTS -					
Lime	cwt.	121,170(a)	33,342	82,517(a)	23,352
EXPORTS -					
Lime, building	cwt.	97,315	40,573	119,177	48,771
Lime, n.o.p.	cwt.	86,869	34,599	353,155	72,569

(a) All from the United States.

OPERATORS IN CANADIAN LIME INDUSTRY, 1940

Name of Operator	Head Office Address	Plant Location
NOVA SCOTIA -		
Dominion Steel & Coal Corp. Ltd. (b)	Sydney	Sydney
Eastern Lime Co. Ltd. (a)	Windsor	Windsor
NEW BRUNSWICK -		
Bathurst Power and Paper Co. Ltd. (a)	Bathurst	Bathurst
Purdy & Green, Ltd. (a)	204 Metcalf St., Saint John	Saint John
Randolph & Baker, Ltd. (a)(b)(c)	Randolph	Randolph
Snowflake Lime Ltd. (a)(b)	3 Pokiok Road, Saint John	Saint John
St. John Lime Co. (a)(b)	Brookville	Brookville

OPERATORS IN CANADIAN LIME INDUSTRY, 1940
(Continued)

Name of Operator	Head Office Address	Plant Location
QUEBEC -		
Arnaud, Edwilda, Mme.	Joliette	Joliette
Boivin, Arthur	Pont Rouge	Pont Rouge
Canada Lime & Stone, Ltd. (a)	St. Marc des Carrieres	St. Marc des Carrieres
Carriere St. Maurice Ltée	307 Alexandre, Trois Rivieres	St. Louis de France
Carswell, Robt. B. (c)	Bryson	Bryson
Côte, Joseph (a)	Metabetchouan	Metqbetchouan
Desfond, G. (a)	St. Cuthbert	St. Cuthbert
Dontigny, Raymond	Ste. Thecle	Ste. Thecle
Dominion Lime Ltd. (a)	Lime Ridge	Lime Ridge
Filion, Narcisse	St. Joachim	St. Joachim
Gagne, Octave	St. Ulric	St. Ulric
Heon and Heon (a)	St. Louis de France	St. Louis de France
Lalumiere, Joseph	St. Dominique de Bagot	St. Dominique de Bagot
Machabee, Lucien (b)	Ste. Anne des Plaines	Ste. Anne des Plaines
Limoges, Henri (a)	552 Pouport St., Montreal	St. Michel
Marcotte, J. A. Dr. (c)	4403 St. Hubert, Montreal	St. Marc des Carrieres
Mercure, C. (a)	9 rue St. Denis, St.Hyacinthe	St. Dominique de Bagot
Shawinigan Chemicals Ltd. (a)	107 Craig St. West, Montreal	Shawinigan Falls
Standard Lime Co. Ltd. (a)	Joliette	St. Paul de Joliette, St. Marc des Carrieres
Trottier, David	St. Marc des Carrieres	St. Marc des Carrieres
Villeneuve, R. (a)	St. Jerome	St. Jerome
ONTARIO -		
Bell, Harry	R. R. 4, Chesley	Grey County
Biederman, Albert G. (a)	R. R. 1, Golden Lake	Golden Lake
Brown's Lime Works (b)	Owen Sound	Owen Sound
Brunner, Mond Canada, Limited (a)	Canadian Bank of Commerce Bldg., Toronto	Amherstberg Dist.
Cameron, W. M. (a)	Box 65, Carleton Place	Carleton Place
Canada and Dominion Sugar Co. Ltd.(a)	Chatham	Chatham, Wallaceburg
Canada Lime Co. (a)	Coboconk	Coboconk
Canadian Gypsum Co. Ltd. (b)	170 Bloor St. W., Toronto	Guelph
Chalmers Lime Products (b)	Owen Sound	Owen Sound
Electro Metallurgical Company of Canada, Limited (a)	Canada Life Bldg., Toronto	Welland
Federal Lime Ltd. (a)	Eganville	Grattan Tp.

OPERATORS IN CANADIAN LIME INDUSTRY, 1940
(Concluded)

Name of Operator	Head Office Address	Plant Location
ONTARIO (Concluded) -		
Gypsum, Lime & Alabastine, Canada Ltd. (a)(b)	Paris	Beachville, Hespeler, Milton,
Innerkip Lime & Stone Co., Ltd. (a)	Beachville	Beachville
Jamieson Lime Co.	Renfrew	Renfrew County
Laurentian Stone Co., Ltd. (a)	135 Nicholas St., Ottawa	Ottawa and Hull
North American Cyanamid Ltd. (a)	Royal Bank Bldg., Toronto	Niagara Falls
Patricia Lime Co., Ltd. (a)	701 National Bldg., Toronto	Red Lake Dist.
Rockwood Lime Co. (b)	Box 46, Rockwood	Rockwood
Shane Lime and Charcoal Co., Ltd. (a)	Eganville	Renfrew County
MANITOBA -		
Gillis Quarries Ltd. (a)(b)	Richard and Spruce Sts., Winnipeg	Garson, Stonewall
Gypsum, Lime and Alabastine, Canada, Ltd. (a)(b)	Paris, Ont.	Winnipeg
Winnipeg Supply & Fuel Co. Ltd., (a)(b)	812 Boyd Bldg., Winnipeg	Moosehorn, Stonewall
ALBERTA -		
Canadian Sugar Factories Ltd. (a)	Raymond	Raymond
Loder's Lime Co., Ltd. (a)	Kananaskis	Kananaskis
Summit Lime Works (a)	Box 273, Lethbridge	Lethbridge Dist.
BRITISH COLUMBIA -		
Pacific Lime Co. Ltd. (a)	744 West Hastings St., Vancouver	Texada Island
Pacific Mills Ltd. (a)	Campbell Ave., Vancouver	Ocean Falls
Victoria Lime Co. (a)	R.R. 1, Victoria	Parsons Bridge

(a) Use calcium or high calcium limestone.
(b) Use dolomite or dolomitic limestone.
(c) No production reported in 1940.