

This report was prepared for the purposes of Ontario Regulation 459/09, Toxics Reduction Act, 2009 and the Ontario Toxics Reduction Program managed by the Ontario Ministry of the Environment and Climate Change (MOECC). The Ontario MOECC has mandated manufacturing facilities in Ontario to evaluate their processes in detail and to report on the evaluation to the public. As such, Lehigh Hanson Materials Limited (Lehigh) has posted this Annual Report to its corporate website to make the information available to the public. The values posted here represent the total annual movement of elements or specific components. In some cases, values indicated to be zero may represent the undetectable presence of a substance using commonly available scientific methods. Some of the substances have been reported as a range. The ranges were developed by the MOECC and the actual values for Lehigh are within these ranges. There were no changes made to any quantification methods since the previous year, and as such, none of the comparisons are due to changes in quantification methods.

As part of the Toxics Reduction Act Lehigh continues to evaluate the movement of these substances within its operations on an annual basis. A toxics reduction plan has been developed for all of these substances at the site, these plan summaries are available on the company website. Lehigh is fully committed to protecting its employees and the surrounding community and continuously strives to improve its environmental performance.

Facility Information:
 Lehigh Hanson Materials Limited
 Picton Cement Plant
 1370 Highway 48 South
 Picton, ON
 K0A 2T0
 Canada

Facility NPRI Identification number: 3541

The identification number assigned to the facility by the Ministry of the Environment for the purposes of Ontario Regulation 127/01: 5103

Number of full-time employees: 128

North American Industry Classification System (NAICS) 2, 4, and 8 digit codes: 32
3273
327310

UTM coordinates, x and y (m): 330011 4880204

Zone: zone 18T

TR4 Planner: Jamie McEvoy, Golder/Associates Ltd., TSNP 0288

Toxic Substance	CAS No.	Units	Used		Created		Contained In Product		Comment if Change > +/- 10%
			Tonnes in 2017	% Change from 2016	Tonnes in 2017	% Change from 2016	Tonnes in 2017	% Change from 2016	
Selenium	NA-12	kg	>1,000 to 10,000	-6%	>0 to 1	—	>1,000 to 10,000	-18%	Decrease in production
Manganese	NA-09	tonnes	>0 to 1	-100%	>0 to 1	—	>0 to 1	—	Did not use a raw material that contained high levels of manganese in 2017.
Chromium	NA-04	tonnes	>0 to 1	—	>0 to 1	—	>0 to 1	—	Decrease in production
Lead	NA-08	kg	>10 to 100	-16%	>0 to 1	—	>0 to 1	—	Decrease in production
Mercury	NA-10	kg	>100 to 1,000	-15%	>0 to 1	—	>0 to 1	—	Decrease in production
Arsenic	NA-16	tonnes	>0 to 1	—	>0 to 1	—	>0 to 1	—	Decrease in production
Nitrogen Oxides	11104-93-1	tonnes	>0 to 1	—	>10 to 100	-16%	>0 to 1	—	Decrease in production
Carbon Monoxide	630-08-0	tonnes	>0 to 1	—	>100 to 1,000	-44%	>0 to 1	—	Decrease in production
Sulphur Dioxide	7446-08-5	tonnes	>0 to 1	—	>1,000 to 10,000	-15%	>0 to 1	—	Decrease in production
PM	NA-M08	tonnes	>0 to 1	—	>1,000 to 10,000	-12%	>0 to 1	—	Decrease in production
PM10	NA-M09	tonnes	>0 to 1	—	>100 to 1,000	-11%	>0 to 1	—	Decrease in production
PM2.5	NA-M10	tonnes	>0 to 1	—	>100 to 1,000	-5%	>0 to 1	—	Decrease in production

If applicable, the name, position and telephone number of the individual who is the contact at the facility for the public:

Public Contact (if applicable):
 Name: Nick Papanicolaou
 Title: Environmental Manager
 Phone Number: 613-476-8295

Name: Captain Schrader
 Signature: [Signature]
 Title: Plant Manager
 Phone Number: 613-476-0130

As of June 1, 2018, I certify that I have read the reports on the toxic substance reduction plans for the above substances and am familiar with their contents and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 459/09 (General) made under the Act.