

St Marys Cement to reduce Sulphur Dioxide SO₂ emissions by over 90% with Canada's First Cement Plant Wet Scrubber

(Bowmanville, Ontario March 31, 2021). The installation and commissioning of a new wet scrubber at St Marys Cement plant in Bowmanville will result in a significant decrease in emissions.

This is the first wet scrubber installed at a cement plant in Canada. The water injection technology washes out and scrubs pollutants from the outlet airstream of the plant. St Marys Cement Plant Operations Manager Jim Storey, stated, "This \$25 million investment in technology to improve the plant's environmental performance has proven to be effective in removing sulphur dioxide (SO₂) produced in the cement manufacturing process. We are also pleased that the scrubber was assembled on-site and installed by local Ontario contractors and crews during our annual scheduled plant shutdown."

St Marys Cement Environmental Manager for North America Ruben Plaza added, "The environmental benefit of the wet scrubber technology results in more water vapour being introduced into the process and then released as a steam plume, similar to other plants which use this same process technology".

The cement produced at the Bowmanville plant is in high demand to support new construction and infrastructure improvements in Ontario and the Great Lakes Region. This latest investment is further evidence of St Marys Cement and Votorantim Cimentos North America's ongoing commitment to sustainable operations and mitigating environmental impacts. In addition, St Marys Cement has provided highly skilled jobs in Bowmanville for over 50 years.

The Bowmanville plant is dedicated to continuous process improvement and investing in projects to enhance the environmental performance of the plant. The plant is also the first industrial site in North America to have received the International Organization for Standardization's (ISO) ISO 50001 Certification. The plant's management was also recognized with an international award for Excellence in Energy Conservation.

Ruben Plaza concluded, "Without the cooperation and commitment of the entire St Marys team, this latest improvement could not have been delivered so efficiently. The support from the Ministry of Environment, Conservation and Parks (MECP) and the Municipality of Clarington was very important."

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St Marys Cement Inc. is a leading manufacturer of cement and related construction products in Canada and the United States. Headquartered in Toronto, Canada, St Marys Cement Inc. supplies cementitious materials to the Great Lakes Region and is also a significant producer of concrete and aggregates for the Ontario market. The Bowmanville Plant was established in 1968. For more information visit www.stmaryscement.com. St Marys Cement is part of the North American operations of international building materials supplier, Votorantim Cimentos.



Votorantim Cimentos is one of the largest global companies in the industry. Its building materials portfolio includes not only cement but also concrete, mortars and aggregates. The Company also has businesses in the areas of agricultural lime, waste management and co-processing. In addition to Brazil, Votorantim Cimentos' administrative and operations locations are strategically located in proximity to the most important growing consumer markets in ten countries including, Argentina, Bolivia, Canada, Luxembourg, Morocco, Tunisia, Turkey, Spain, the United States, and Uruguay. For more information please visit www.votorantimcimentos.com.

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