

Notice of Intention to Apply under Ontario Regulation 79/15 and Notice of Public Meeting #1

Alternative Low Carbon Fuel Use at the St. Marys Bowmanville Cement Plant

Background

St. Marys Cement (SMC) a company of Votorantim Cimentos North America (VCNA) is undertaking efforts to use Alternative Low Carbon Fuels (ALCF) as an energy source for their Bowmanville Cement Plant (the Site). This initiative will help reduce greenhouse gas emissions in Ontario while diverting materials from landfills. The Site is located at 410 Bowmanville Avenue, in Bowmanville, Ontario, within the Municipality of Clarington.

Demonstration Trial

St Marys Cement (SMC) has current Environmental Compliance Approvals (ECAs), Numbers 4614-826K9W and 1255-7QVJ2N, that were issued on November 5, 2014 and March 11, 2015, respectively, to undertake an Alternative Fuel Demonstration project. The purpose of the Demonstration Project was to demonstrate the use of alternative fuels at the facility and assess potential environmental effects associated with the use of alternative fuels at the facility relevant to baseline conditions. SMC completed the alternative fuel demonstration trials from September 25, 2018 to December 10, 2018.

Alternative Low Carbon Fuel Study

In keeping with best practices being implemented around the world, SMC currently has an ECA to use woody materials as an ALCF at the site and has initiated a study to support the preparation of an ALCF Application under Ontario Regulation (O. Reg) 79/15 of the *Environmental Protection Act* to expand the current use of ALCFs at the Site. SMC is proposing to undertake studies and prepare an application to support the following:

- increase the daily throughput of ALCFs at the Site from 100 tonnes per day to 400 tonnes per day;
- add biomass, cellulosic and plastic materials derived from industrial and/or post-consumer sources, which cannot be recycled, are not considered hazardous and are not derived from animals or the processing and preparations of food, to the list of approved ALCFs at the Site based on the recent demonstration project at the site;
- install new equipment at the Site to feed ALCFs; and
- increase alternative fuels storage at the Site using enclosed containers and buildings

Public Meeting Format

In support of this application, and in accordance with O. Reg 79/15 and SMC's current ECA approval, SMC has scheduled the first of two public meetings. The first public meeting will be a drop-in, open house format. **You are welcome to attend any time between 6:30 p.m. and 8:30 p.m.** The meeting is designed to provide information on the intent to submit an application for the Site under O. Reg 79/15, present and discuss the results of the Demonstration Project (ECA 1255-7QVJ2N), provide background information on ALCFs, provide an overview of the studies that are being undertaken, and discuss initial results of the Carbon Dioxide Emission Intensity Report. Site plans and display panels with more details will be available for review at this public meeting and members of the Project Team will be circulating to answer questions throughout the evening.

Public Meeting / Open House #1

September 5, 2019, 6:30 p.m. to 8:30 p.m.

Garnet B. Rickard Recreation Complex – Hall #2
2440 Durham Regional Highway 2, Bowmanville, ON L1C 3K2

Contact Us

St Marys Cement values your input on this matter. Please contact our Project Team for more information about this study or to be added to the contact list for future updates:

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