

Notice of Completion of the Consultation Report

Alternative Low Carbon Fuel Use at the Lehigh Picton Cement Plant

Background

Lehigh Hanson Materials Ltd. (Lehigh), a part of Heidelberg Cement, is undertaking efforts to use Alternative Low Carbon Fuels (ALCFs) to supplement the energy required to make portland cement at their Picton Cement Plant (the Site). ALCFs are in use in many cement plants all over the world and represent a proven technology to reduce greenhouse gas emissions. The use of ALCFs is a key component of Heidelberg Cement's global carbon reduction strategy and diverts non-recyclable materials from landfills. The Site is located at 1370 Hwy 49, Picton Ontario. Lehigh currently operates with Environmental Compliance Approval (ECA) for air and noise, #0073-BHGQHC, issued October 31, 2019.

Alternative Low Carbon Fuel Study

Lehigh has prepared an ALCF ECA application under Part II.1 of the Ontario Environmental Protection Act (EPA) to amend the existing ECA, to allow for a Non-Demonstration (Permanent) Project to use ALCFs at the Site, satisfying Ontario Regulation (O. Reg.) 79/15 (as amended by O. Reg. 54/21 and 824/21). As part of the Amendment ECA Application, Lehigh is requesting approval for the following:

- An ALCF daily throughput of up to 200 tonnes per day, which may include the following materials:
 - Construction & Demolition (C&D) Materials; including but not limited to primarily wood material with minor amounts of non-recyclable paper and plastic.
 - Industrial, Commercial, and Institutional (IC&I) Materials; including but not limited to primarily non-recyclable paper, plastic and textiles wood material, and tire fibre and fluff.
 - The combustible fraction of non-recyclable household waste (commonly referred to as Refuse Derived Fuel [RDF]).
 - Discarded treated seed.
- Installation of new conveyance and storage equipment for ALCF at the site using enclosed containers and buildings.

The Site will target approximately 33% thermal replacement by using mixtures of ALCFs to replace petroleum coke and coal.

Consultation Report

Lehigh held two public meetings for this project, Public Meeting #1 on April 7, 2022 and Public Meeting #2 on August 25, 2022, in addition to other consultation undertaken to support this Project.

Lehigh has completed a Consultation Report for this project that is now available to interested parties to view on the Project website: www.LehighPictonALCF.ca

The Consultation Report provides a summary of all consultation activities that have been conducted throughout the study including the following:

- An overview of the information that was provided at the public meetings;
- A record of feedback that was received throughout the Project;
- A summary of any discussions that Lehigh had with Indigenous communities regarding the Project;
- A description of what Lehigh did to respond to concerns expressed during the consultation process; and
- Copies of all notices, reports and other materials prepared in support of the Project.

ALCF Application to MECP

Lehigh will be submitting the ALCF Application under O. Reg. 79/15 for an Amendment to their current ECA. In addition to the Consultation Report, further information about this study, including materials from Public Meeting #1 and Public Meeting #2, are available on the Project website noted above.

Contact Us

Lehigh 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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