

Public Informational Drop-in

November 30, 2017

Project Overview

RDA, LLC proposes to construct a limestone quarry with a 500 tons per hour stone processing plant to be located off Seaboard Road in Williamsburg County. The limestone would be mined from the pit and transported to the processing plant. The plant will consist of crushers, screens, and conveyors. The processed material will be stored in piles on the site and transferred to customers by truck. A diagram of an example stone processing plant is pictured below.

On June 27, 2017, RDA, LLC submitted an application to SC DHEC, Bureau of Air Quality (BAQ) for an air construction permit. The application included a detailed list of proposed equipment, the potential air emissions, and an explanation of how all applicable air quality standards will be met.

Particulate matter, which is comprised of PM, PM₁₀, and PM_{2.5}, is expected to be emitted from this proposed operation. If permitted, the facility will be required to maintain water sprays at the transfer points to control particulate matter emissions (dust). Refer to "Figure 2 - Particulate Size Comparison" on the back of this page for a diagram.

BAQ Contacts

If you have any questions about the air permitting process, please contact:

- Alyson Hayes for air permitting at (803) 898-3836 or hayesam@dhec.sc.gov
- John P. Glass for air modeling at (803) 898-4074 or glassjp@dhec.sc.gov
- Ruthie Hall for public notice and how to submit written comments at (803) 898-4379 or hallmr@dhec.sc.gov

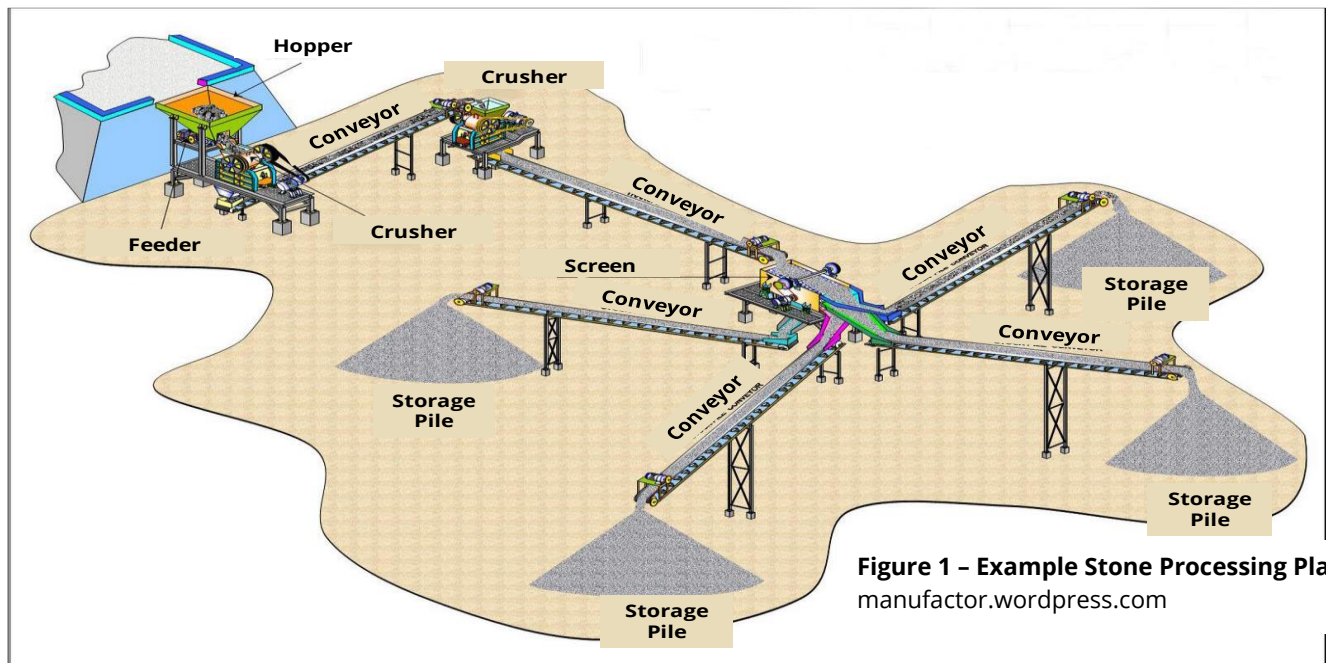


Figure 1 - Example Stone Processing Plant
manufactory.wordpress.com

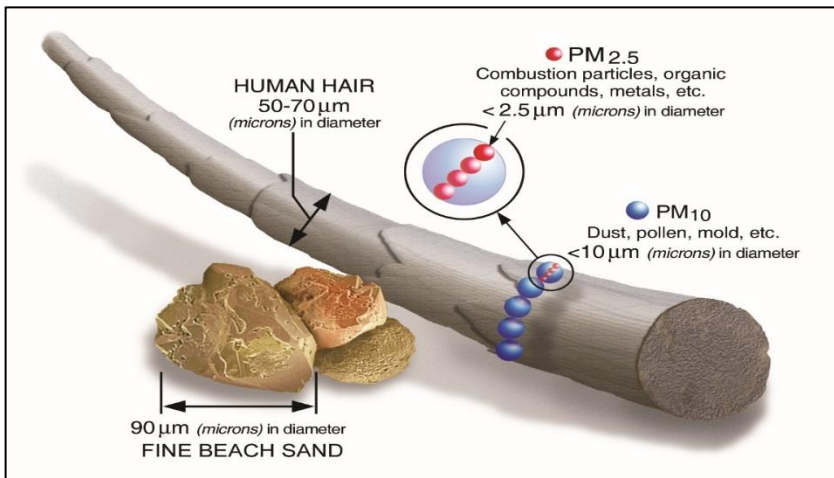


Figure 2 - Particulate Size Comparison

Air Quality Computer Modeling

SC DHEC uses EPA-approved modeling methods to determine whether or not emissions from a proposed operation can meet ambient air quality standards. Actual emission concentrations are expected to be lower than the modeled emissions. In order for a proposed operation to be issued an air permit, all predicted results must be below the maximum allowable concentrations established to protect public health and the environment.

All modeled emissions from this proposed facility were determined to be below the maximum allowable concentrations at and beyond the property line.

Air Permitting Process

BAQ staff have conducted a technical review of the application to determine if the proposed facility can comply with federal and state air regulations and are preparing a working draft permit listing all requirements and particulate matter emission limitations to meet these regulations.

The completed draft air permit and statement of basis will be placed on public notice to invite comments from the public. A public hearing will also be held to receive oral comments on the draft air and mining permits.