

Project Newton in Calhoun County

The right project, in the right place, being proposed by the right people.

Newton Manufacturing, LLC (Newton), a wholly-owned subsidiary of Novus International, Inc., is proposing construction of a new animal nutrition ingredient facility in Calhoun County, Texas. The facility would produce a livestock feed supplement called ALIMET[®], which provides a methionine source for livestock. Methionine is an essential amino acid used for poultry, swine, cattle and aquaculture diets. Below is a summary of the emission controls and the air permitting process associated with construction and operation of this facility. Additional information is available in the publicly posted application in the library.

Project Newton TCEQ Air Permit Application

Newton has submitted an air permit application to the Texas Commission on Environmental Quality (TCEQ) for its proposed new animal nutrition facility in Calhoun County. Newton has designed the facility to meet stringent standards, thus minimizing project air emissions to ensure that emission levels are consistent with levels required for a minor New Source Review (NSR) air permit under the Clean Air Act.

The minor NSR permit process, administered by the TCEQ, is structured to protect the health and welfare of the local community and maintain the current designated air quality status for Calhoun County. During the permitting process, the TCEQ will review the emission control technology proposed in the facility design and will conduct an air quality analysis to ensure any potential environmental, health and safety impacts are addressed. Each of these steps is discussed below.

Emission Control Technology: Newton has incorporated emission control technology into the facility design to ensure emission levels meet the minor NSR standard. The TCEQ has developed performance standards for emission control devices that dictate how effective each piece of equipment must be at removing specific pollutants from facility air emissions. These performance standards, referred to as Best Available Control Technology (BACT), ensure that any facility receiving an air permit from the TCEQ is held to the same design and operating standards for emission control equipment. The Newton emission control devices will meet, and in some cases exceed, TCEQ BACT. The TCEQ will include monitoring requirements in the final air permit to ensure Newton's emission control devices continue to meet BACT standards for the life of the equipment. Emission control devices that fail to meet permitted performance standards must be replaced.

Air Quality Analysis: Newton has compiled local and regional air quality data to develop models that study the potential effects of the proposed project on the region. The TCEQ will validate the modeling information and use the final model results to structure management procedures for controlling facility emissions and limiting emission quantities to a threshold that is protective of human health and the current air quality level. These management procedures are listed as permit conditions in the final air permit issued by the TCEQ.