Memorandum

Florida Department of
Environmental Protection

To: Jeff Koerner, Permitting and Compliance Section

From: Marilyn Koletzke, Permitting and Compliance Section

Date: June 23, 2011

Subject: Project No. 1050059-066-AC
Revised Draft Air Construction Permit Package
Dump Chute, Air Intake, and Steam Feed
Multifos Plant Kiln C
Mosaic Fertilizer, LLC, New Wales Facility

Attached for your review is a revised draft air construction permit package for the existing Mosaic Fertilizer, LLC New Wales facility, which is located in Polk County at 3095 Highway 640, Mulberry, Florida. The applicant requests recognition of the existing kiln dump chute and air intake into the scrubbing system during startup for the existing Multifos Plant Kiln C. The dump chute was installed as part of the original project and is used for separating the off-specification product. During plant startup, ambient air is used to maintain a proper operational flow rate through the air scrubbing system. Mosaic conducted NOx emissions testing that demonstrated compliance with the limits by controlling the flow ratio of steam to natural gas fuel. The applicant requests that oxides of nitrogen (NOx) limits be implemented through operational control of steam feed into the kiln. The project is not considered a new source review reform project. The permitting time clock is tolled because of the extension to file a petition. The applicant withdrew the request for a second extension of time to file a petition contingent on a revised draft permit specifying a steam to fuel ratio instead of a NOx CEMS. This revised package replaces the previous Draft Permit package that was issued on March 11, 2011. I recommend your approval of the attached draft permit package.

Attachments

JFK/mk