## P.E. CERTIFICATION STATEMENT

**PERMITTEE**

Mosaic Fertilizer, LLC
13830 Circa Crossing Drive
Lithia, Florida 33547

Draft Permit No. 1050059-066-AC
Revised Package
Mosaic Fertilizer, LLC, New Wales
Polk County, Florida

**PROJECT DESCRIPTION**

The Mosaic Fertilizer, LLC, New Wales Kiln C Multifos Plant is equipped with a dump chute that is used to expel product that is regarded as out of specification. According to records provided by Mosaic, LLC, the dump chute is operated approximately 2% of the year and production is often suspended or reduced when the chute is being used.

No significant gas emissions appear to be emitting from the dump chute as evident by an operator standing within close proximity to the open chute. As such, emissions from the dump chute and expelled product are considered to be minimal. Out of specification product emitted from the dump chute appears to be significantly oxidized or ashen. Emissions from the dump chute are not considered to be an emissions source and can be included in Emissions Unit 072 (E.U. 072) Fugitive & Unregulated Emissions.

Mosaic, LLC requests that during start up, when the kiln is not under normal operating conditions, additional ambient air be introduced into the scrubbing system. The introduction of additional ambient air is required to maintain proper operating flow rate into the scrubbing system and to comply with the compliance assurance monitoring plan.

To maintain the synthetic minor source limits and PSD significance threshold as addressed in Permit No. 1050059-044AC, emissions of NOx shall be less than 39.9 tons per year and 9.11 pounds per hour (PPH). Mosaic conducted NOx emissions testing on May 9, 2008 that was witnessed by FDEP and reported on May 29, 2008. Result of the emissions testing demonstrated that at a flow ratio into the kiln of 8 pounds of steam per one standard cubic foot of natural gas fuel (8:1), the NOx emissions were within the limits.

This project is subject to the general preconstruction review requirements in Rule 62-212.300, Florida Administrative Code (F.A.C.) and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality. The Department's full review of the project and rationale for issuing the draft permit is provided in the Technical Evaluation and Preliminary Determination.

***I HEREBY CERTIFY*** *that the air pollution control engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify any other aspects of the proposal (including, but not limited to, the electrical, civil, mechanical, structural, hydrological, geological, and meteorological features).*

_____ _____

Marilyn Koletzke, P.E. (Date)
Registration Number 50611