

## Koletzke, Marilyn

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**From:** Iyer, Rama - FishHawk [Rama.Iyer@mosaicco.com]  
**Sent:** Tuesday, August 02, 2011 2:33 PM  
**To:** Koletzke, Marilyn  
**Subject:** Bartow DAP3 1050046-029-AC administrative correction matter

Marilyn,

As discussed, the DAP3 project description:

The reactor emissions, along with those from the elevators, screens, mills, hoppers and such ancillary equipment areas, go through the RV venturi cyclonic scrubber which uses product recovery solution as the scrubbing liquid. Emissions from the granulator go to the granulator venturi cyclonic scrubber which uses product recovery solution as the scrubbing liquid. Emissions from the dryer go to the dryer venturi cyclonic scrubber which uses product recovery solution as the scrubbing liquid. Emissions from the cooler go to the cooler venturi cyclonic scrubber which uses DAP pond water and effluent from the two tailgas scrubbers, viz. the RGCV tailgas packed bed scrubber and the dryer tailgas packed bed scrubber. The exhaust from the cooler venturi cyclonic scrubber, the granulator venturi cyclonic scrubber and the RV venturi cyclonic scrubber, all three streams, go to the RGCV tailgas packed bed scrubber which uses DAP pond water and re-use water as the scrubbing liquid. Exhaust from the dryer venturi cyclonic scrubber goes to the dryer tailgas packed bed scrubber which uses DAP pond water and re-use water as scrubbing liquid. The two tailgas packed bed scrubbers exhaust to a common stack. The dryer is fired with natural gas, or fuel oil with a maximum sulfur content of 1.5 percent, at a design heat input rate of 40 mmBtu per hour.

However, it may be better to simply swop the words "reactor" and "dryer" in the 029-AC paragraph which I show below to be clear:

From:

The reactor process has a dedicated packed bed tail gas scrubber while the dryer, granulator, and cooler processes share a packed bed tail gas scrubber. Following treatment by the packed bed tail gas scrubbers, the gas streams are emitted to the atmosphere through a common stack.

To:

The dryer process has a dedicated packed bed tail gas scrubber while the reactor, granulator, and cooler processes share a packed bed tail gas scrubber. Following treatment by the packed bed tail gas scrubbers, the gas streams are emitted to the atmosphere through a common stack.

Look forward to the revised document.

Regards,

Rama