



Jeff Stewart
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May 5, 2010

Mr. Scott Sheplak
Bureau of Air Regulation
Division of Air Resource Management
Florida Department of Environmental Protection
2600 Blair Stone Road, MS #5505
Tallahassee, Florida
32399-2400

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RECEIVED

MAY 10 2010

BUREAU OF
AIR REGULATION

RE: Mosaic Fertilizer, LLC, Riverview Facility
Air Permit Number 0570008-061-AC
Construction Plan

Dear Mr. Sheplak:

This submittal is made pursuant to Condition 21 of Section 3.C. of the above referenced permit. Attached is a summary of construction milestones designed to comply with the permit. It includes necessary action items and scheduled dates.

As always, if you have any questions or comments or would like to meet to review this information, please do not hesitate to contact me at 813-671-6369.

Sincerely,

Jeffrey M. Stewart
Environmental Superintendent

File
Email - Iyer, Hagemo, Christiansen,
Jason Waters – EPC 7007 0710 0005 6577 5339
Quaid Noor – FDEP SW District Office 7007 0710 0005 6577 5339

Mosaic Riverview
 Permit No. 0570008-061-AC
 Annual Construction Plan Update - 2010

SAP No	Work Activity Per Permit	Status / Target Date	Next Scheduled Turnaround *	Comments
7	Increase the catalyst loading ratio from approximately 181 liters per ton H ₂ SO ₄ per day (L/TPD) to approximately 202 L/TPD (increases the current catalyst loading from approximately 578,999 liters to approximately 647,000 liters).	Completed Feb 2010	Nov 2013	Actual loading is estimated to be 210 L/TPD and 673,000 liters.
7	Replace the cold gas-to-gas heat exchanger.	Completed Feb 2010	Nov 2013	
8	Increase the catalyst loading ratio from approximately 175 L/TPD to approximately 213 L/TPD (increases the current catalyst loading from approximately 472,000 liters to approximately 575,000 liters).	Completed May 2009 Pursuant to Permit 0570008-060-AC	Nov 2012	Actual loading is estimated to be 220 L/TPD and 594,813 liters.
8	Replace the cold gas-to-gas heat exchanger.	Completed May 2009 Pursuant to Permit 0570008-060-AC		
8	Replace the superheater.	Completed May 2009 Pursuant to Permit 0570008-060-AC		
8	Replace the converter.	Completed May 2009 Pursuant to Permit 0570008-060-AC		
9	Increase the catalyst loading ratio from approximately 149 L/TPD to approximately 195 L/TPD (increases the current catalyst loading from approximately 508,000 liters to approximately 663,000 liters).	Nov 2011	Sept 2012	
9	Install a heat recovery system (HRS) to replace the interpass absorption (IPA) tower.	Nov 2011	Sept 2012	Project may not include HRS

* Catalyst loading may be done during this next scheduled turnaround as needed to comply with emission limits.