Appendix PM RACT
PM RACT Exemption

Mosaic Fertilizer, LLC **Permit No.:** 1050059-075-AV
New Wales Facility

Based on a modeling study approved by the Department, it was determined that emissions from this facility will not have a significant impact on the Hillsborough County Air Quality Maintenance Area and it is therefore exempt from the PM RACT requirements in accordance with Rule 62-296.700(2)(b), F.A.C. The following emission units have permitted particulate matter emission limits and are subject to modeling in order to demonstrate to the department that this facility will not have a significant impact on the Air Quality Maintenance Area.

Subsection	E.U. I.D. No.	Description	Particulate Matter (PM) Limit	
			lbs/hr	Tons per year
E	009	DAP Plant No. 1	28.6	
F	045	DAP Plant No. 2 -- East Train	14.1[1]	56.0[1]
F	046	DAP Plant No. 2 -- West Train	14.1[1]	56.0[1]
F	047	DAP Plant No. 2 West Product Cooler	4.5[1]	17.8[1]
F	056	DAP Plant No. 2 East Product Cooler	6.2[1]	24.5[1]
G	011	MAP Prill Plant	15[1]	
G	055	MAP Plant Cooler	4.0[1]	
H	015	AFI Shipping/Truck Loading	3.6	
H	023	AFI Storage Silos (3) --"A Side"	4.75	
H	024	AFI Storage/Shipping/Railcar Loadout	3.6	
H	025	AFI--(2) Limestone Storage Silos	3.6	
H	026	AFI--Silica Storage Bin	1.6	
H	028	AFI Storage Silos (3)--"B Side"	4.75	
H	030	Soda Ash Rail Hopper Car Unloading System	3.6	15.7
H	052	AFI--Limestone Feed Bin	3.6	
I	027	AFI Granulation Plant	36.8	161.2
J	062-069	Molten Sulfur System	1.2[2]	
K	070	Limestone Storage Silo/Rock Grinding	0.7	3.0
M	078	GMAP Plant	9.68	42.4
		Total	164.00	

[1]Emission limit based on BACT determination.
[2]Emission estimate for emission inventory and PSD purposes.