Appendix U-1, List of Unregulated Emissions Units and/or Activities.

Mosaic Fertilizer, LLC	**DRAFT Permit No.:** 1050046-027-AV
Bartow Facility	**Facility ID No.:** 1050046

Unregulated Emissions Units and/or Activities. An emissions unit which emits no "emissions-limited pollutant" and which is subject to no unit-specific work practice standard, though it may be subject to regulations applied on a facility-wide basis (e.g., unconfined emissions, odor, general opacity) or to regulations that require only that it be able to prove exemption from unit-specific emissions or work practice standards.

The below listed emissions units and/or activities are neither 'regulated emissions units' nor 'insignificant emissions units'.

E.U. ID No.	**Brief Description of Emissions Units and/or Activity**
	Fertilizer Plants
-053	Screens, lump crushers, chain mills, grinding mills, conveyor belts
-053	Reclaim Elevator, seed hopper and elevator
-053	Pond water sumps
-053	Ammonia chillers
-053	Product Recovery Units
-053	Phosphoric acid truck unloading
-053	Process storage tanks and product storage buildings/area
-053	Cooling towers and process water pond
	Shipping Plants
-053	Covered conveyor, surge bin, product screens, scale belt, chute to rail car
	Molten Sulfur Handling
-053	Truck/rail unloading area
-053	Molten sulfur storage tank fires
	Sulfuric Acid Plants
-053	Hot water reuse tank
-053	Economizers
-053	Water reuse, uncontaminated water storage, condensate tanks for Evaporators
-053	Auxiliary power diesel generators
-053	Auxiliary power generator diesel tank
-053	Storage tanks
-053	Sulfuric acid truck loading
	Phosphoric Acid Plants
-053	Fluosilicic acid truck loading
-053	Wet rock hoppers and grinding mills
-053	Flash cooler hotwells
-053	Process and product storage tanks
-053	3, 4, 5 Filters (unevacuated area)
-053	Unpermitted crossflow packed scrubbers
-053	Flash coolers, vacuum pumps, seal pumps, seal tanks
-053	Lamellas
-053	Phosphoric acid truck unloading/loading -- North Unit and South Units

E.U. ID No.	Brief Description of Emissions Units and/or Activity
	Wet Rock Handling
-053	Train/truck unloading, hoppers, conveyors, wet rock stacking on pile
	Ammonia Handling
-053	Pipeline, truck unloading, bullets, pop off valves, and flare
	Facilitywide
-053	Safety kleen solvent cleaners
-053	Supersucker
-053	Sand blasters, welding equipment, compressors, wood shop, metal shop
-053	Refrigerators < 50 lbs of refrigerant
-053	Storage tanks and dispensers
-053	Wastewater plants (2), drinking water treatment area
-053	Laboratory and vents, pressure relief valves
-053	Lime silo with baghouse
-053	Turbogenerators (TG1 + TG2)
-053	Laboratory vacuum pump, space heaters
-053	#1 Deepwell diesel tank and backup engine
-053	Locomotive engines
-053	South stack diesel tank
-053	Minor fugitive leaks from process equipment
-061	Waste Heat Boiler/Flash Tank Discharge
-062	Tank Truck Loading/Unloading of Sulfuric Acid
-063	Industrial Cooling Towers
-064	Process and Product Storage Tanks
-065	Auxiliary Power Generators and Diesel Fuel Tanks
-066	Molten Sulfur Fire and Spill Cleanup
-067	VOC From Solvent Cleaning of Small Parts
-068	Welding, Grinding, and Cutting Metal from Maintenance Vehicles
-069	Fugitive Dust/Exhaust Emissions From Maintenance Vehicles
-070	Miscellaneous Painting and Relining Rubber-Lined Vessels
-071	Vehicle Fleet Fuel Storage Tanks
-072	Sulfuric Acid Plant Catalyst Removal and Classifying
-079	Green Bay Phosphogypsum Stacks I & II*

**Green Bay Phosphogypsum Stacks I and II have been included in the Mosaic Bartow Facility. The Green Bay Facility will be made inactive upon final issuance of the Mosaic Bartow Title V Air Operation Permit Renewal Project No. 1050046-027-AV.*