



# Florida Department of Environmental Protection

Southwest District Office  
13051 North Telecom Parkway  
Temple Terrace, FL 33637-0926

Rick Scott  
Governor

Carlos Lopez-Cantera  
Lt. Governor

Jonathan P. Steverson  
Secretary

## NOTICE OF ADMINISTRATIVELY CORRECTED AIR OPERATION PERMIT

### *In the Matter of a Request for Administrative Correction:*

Peace Valley Products, Inc.  
P.O. Box 91  
Bartow, Florida 33831

Project No. 1050454-003-AO  
Administrative Correction to:  
Permit No. 1050454-002-AO  
Polk County

Enclosed is the administratively corrected portion of Air Operation Permit No. 1050454-002-AO for the operation of the Peace Valley Products, Inc., located in Polk County at 800 Pembroke Road in Fort Meade, Florida. This correction is issued pursuant to Rule 62-210.360, Florida Administrative Code (F.A.C.), and Chapter 403, Florida Statutes (F.S.). This change is made at the applicant's request dated May 27, 2016 to correct the description of the Shipping System With Baghouse portion of emission EU No 001 at the facility. This corrective action does not alter the effective dates of the existing permit.

The Department of Environmental Protection (Department) will consider the above-noted action final unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation under Section 120.573, F.S., will not be available for this proposed action.

**Petitions:** A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions must be filed within 14 days of receipt of this administratively corrected permit. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this written notice. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Executed in Hillsborough County, Florida.

PV/ndg/admin

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The following permit condition is revised as indicated. ~~Strikethrough~~ is used to denote the deletion of text. Double-underlines are used to denote the addition of text. All changes are emphasized with shading.

**Permit Being Administratively Corrected: Permit No. 1050454-002-AO**

**Affected Emissions Unit: Off-Spec Fertilizer Recycling Operation (EU-001)**

### SECTION 3. Emission Unit Specific.

#### EMISSION UNITS AND SPECIFIC CONDITIONS

**Emission Unit Off-Spec Fertilizer Recycling Operation (EU-001), is corrected as follows:**

EU No.	Emission Unit Description
001	<p><u>Off-Spec Fertilizer Recycling Operation</u> – This emissions unit receives two sources of raw materials which are delivered by trucks to the facility. The first raw material comes from rail cars that are cleaned prior to being loaded with phosphate fertilizer and the second material is off-specification product received from phosphate producers. The material recovered from rail car cleaning contains grain and is normally damp or wet. The off-specification product from phosphate producers is also physically damp or wet.</p> <p>The fertilizer recycling operation consists of three separate systems which includes the Drying System, the Grinding Circuit and the Shipping System. The systems are described below.</p> <ol style="list-style-type: none"><li><u>Dryer System</u> – This system dries raw feed materials and screens it into three grades; semi-granular, granular and oversized. Damp raw material with a moisture content between three and five percent is fed to the dryer feed conveyor (via a front end loader and Feed Hopper #1) which discharges into a ribbon blender which feeds the dryer. The dryer is a 54 inch diameter by 33 feet long standard rotary dryer that operates with co-current airflow. The dryer is fired with propane and has a design heat input rate of 3 million Btu per hour.<ol style="list-style-type: none"><li>The air stream from the dryer is vented through a cyclone and then through a venturi scrubber system which discharges to the atmosphere.</li><li>Dry material from the dryer is discharged onto a conveyor and then to the Rotex Screen. The Rotex Screen is an enclosed system that separates the material into three streams and transfers them either by screw conveyor or directly discharged into an enclosed cubical bins with an open side for material removal.</li><li>Fugitive emissions from screen and transfer points from the dryer discharge are vented, cleaned with a cyclone and then transferred into the dryer combustion chamber for quench air. Quench air is required to control inlet gas temperature as well as supplying the volume of air to remove moisture from the dried product.</li></ol></li><li><u>Grinding Circuit With Baghouse</u> – This system grinds oversized materials (i.e., material containing grain that must be ground and used as semi-granular product). The system consists of a cage mill and a single deck enclosed Rotex Screen. Over size material is fed to the Cage Mill (via a front end loader and Feed Hopper #2) via front end loader. Fugitive emissions from the Cage Mill, Rotex Screen and transfer points are vented through a baghouse (i.e., Baghouse #1). The cage mill minimizes the loss of fugitive dust by sealing the inlet and outlet with <del>rotary</del> <u>flutter</u> air lock valve.</li><li><u>Shipping System With Baghouse</u> – This system is used to loads final products into trucks for shipping. The system consists of a hopper (Feed Hopper #3) and feed conveyor, an enclosed</li></ol>

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ribbon mixer (used for applying a de-dusting agent), and a de-dusted product transfer discharge conveyor to an enclosed Rotex scalping screen discharging final products into trucks. Fugitive emissions from the feed hopper and feed conveyor are vented through a baghouse (i.e., Baghouse #2). The de-dusting agent used contains some VOC (glycerol); however, it has very low vapor pressure (< 1 mm Hg) and will be diluted with water.

*Notes: The permit application ~~date June 8, 2015~~ received April 29, 2016 includes an updated process flow diagram of the operation described above.*