

**INSPECTION REPORT FORM
AIR POLLUTION EMISSION SOURCES**

REVIEWED
By Caroline Shine at 1:54 pm, Dec 12, 2012

FACILITY: Lowell Processing Plant		DISTRICT: Central District	COUNTY: Marion
ADDRESS: 3951 NW County Road 329 Reddick, Florida 32686		CONTACT: Edwin Horna (Production Manager) (352) 732-7227	
AIRS# 0830017	PERMIT #: 0830017-011-AO	ISSUED DATE: January 28, 2009	EXPIRATION DATE: January 30, 2014
SOURCE DESCRIPTION: EU 01 – Fugitive Dust Collection System/Baghouse Control EU 02 – 7inch Diameter Rotary Dryer & Silo with Baghouse			
INSPECTION DATE: December 5, 2012	AUDIT TYPE: On-Site Inspection	COMPLIANCE STATUS: In-Compliance	
<u>Facility Observations:</u>			

No areas were observed where precautions had not been taken to minimize pollutant emissions or prevent the release of unconfined particulate.

No objectionable odors were detected on or off the site.

No visible emission were observed coming from the various exhaust stacks. A method-9 observation was not necessary.

Process Observations:

Clay is loaded into hoppers that feed into a series of crushers. The material is then conveyed into a 7' Rotary Dryer to remove 90% of the moisture from the clay. After leaving the dryer, an elevator conveyor brings the material to the screening system with dust collection. The screened material is then stored into storage silos. The silos fed into the packing house where the material is mixed and loaded into different containers for final distribution.

Control Equipment Observations:

The dryer baghouse is inspected every Monday. The baghouse outer casing and all hard connections are visually inspected. The bags are only inspected if change in internal pressure of the baghouse is reported. The Company's protocol required the facility to replace all of the bags in the baghouse once a year. The last time the bags were replaced was the week of July 16th, 2012.

The dust collection system is inspected every Monday and all maintenance is done prior the system going into operation.

No pollution control devices appeared to be circumvented or improperly operated.

Records Observations:

(December 2011 through November 2012)

The Dust Collector ran for **5,897.05 hours, 71.92%** of the permitted 8,200 hours per consecutive 12-month period.

The clay dryer ran for **5,319.90 hours, 76%** of the permitted 7,000 hours per consecutive 12-month period.

The facility utilized **0 Gallons of fuel oil, 0%** of the permitted 3,675,000 gallons of fuel per consecutive 12-month period.

The clay dryer processed for **246,944.10 tons of clay, 47.04%** of the permitted 525,000 tons of clay per consecutive 12-month period.

The facility processed **138,893.63 tons of material, 10.20%** of the permitted 1,361,200 tons consecutive 12-month period.

Source Test and Test Team Observations:

The Dust collection system and baghouse was tested with method 9 on July 26th, 2012.

INSPECTION COMMENTS/RECOMMENDATIONS:

Mr. Michael Young met with Mr. Edwin Horna, Production Manager, to perform a site inspection and a records review. Mr. Horna accompanied Mr. Young on a walk-through of the facility and provided the records for review. Mr. Edwin Horna stated that the company is looking into updated the dust collection system for the packing house. Mr. Young stated that the company should contact the Department prior to any major changes are preformed on the dust collection system.

Based on the inspection and the documentation provided, Mr. Young found the facility to be in compliance.

INSPECTOR(S) NAME(S): Michael Young		DATE: 12/07/2012
SIGNATURE(S): 		