Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

Florida Department of Environmental Protection

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

Sent by Electronic Mail – Received Receipt Requested

PERMITTEE

Pilgrim's Pride Corporation
P.O. Box 789
Live Oak, Florida 32060

Authorized Representative:
Mr. Hyman Frier, Feed Mill Manager

Air Permit No. 1210007-011-AF
Permit Expires: April 13, 2016
Issue Date: April 13, 2011
Minor Source Air Operating
Permit Renewal/ Modification
Site: Live Oak Feed Mill

This is the final air federally enforceable state operating permit renewal, which also modifies 1210007-008-AF to include 1210007-010-AC (500 HP Johnston Boiler No. 3, a 20.93 MMBtu per hour maximum heat input steam generating boiler fired by Natural Gas or Ultra Low Sulfur Distillate (ULSD) No. 2 fuel oil). The proposed work will be conducted at the Pilgrim's Pride Corporation feed manufacturing facility (Standard Industrial Classification No. 2048). The facility is located in Suwannee County at 1306 West Howard Street in Live Oak, Florida. The UTM coordinates are Zone 17, 307.800 km East, and 3354.100 km North.

This final permit is organized by the following sections.

Section 1. General Information

Section 2. Administrative Requirements

Section 3. Emissions Unit Specific Conditions

Section 4. Appendices

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

This air pollution operating permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Jacksonville, Florida

Christopher L. Kirts, P.E.
District Air Program Administrator

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on April 13, 2011 to the persons listed below.

Mr. Eric Erickson, Pilgrim's Pride Corporation	eric.erickson@pilgrims.com
Mr. Hyman Frier, Pilgrim's Pride Corporation	hyman.frier@pilgrimspride.com
Mr. Trent Samples, Engineer- WHEE, Inc.	tsamples@wheeinc.com

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

Monique Jordan

4/13/2011

(Clerk) (Date)

FACILITY AND PROJECT DESCRIPTION

Existing Facility

This facility produces feed products for commercial and residential animals. The primary pollutant is particulate matter (PM) which is emitted from material handling and processing systems. The facility operates one (1) steam-generating boiler on site. The existing facility consists of the following emissions units:

Facility ID No. 0310039	
ID No.	**Emission Unit Description**
004	Rail Receiving (No control equipment)
005	# 1 Pellet System (Two high efficiency cyclones in parallel)
007	# 2 Pellet System (Three high efficiency cyclones in parallel)
010	Boiler No. 2 (was removed and replaced by EU012)
011	Grain Bin Vents (No control equipment)
012	500 HP Johnson Boiler (No control equipment)

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

1. Permitting Authority: The permitting authority for this project is the Northeast District Office, Air Resources Section, Florida Department of Environmental Protection (Department). The Northeast District Office's mailing address is 7825 Baymeadows Way, Suite 200B, Jacksonville, Florida 32256-7590. All documents related to applications for permits to operate an emissions unit shall be submitted to the Northeast District Office. The Permitting Authority's telephone number is 904/256-1700.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Northeast District Office. The mailing address and phone number of the District Office is: 7825 Baymeadows Way, Suite 200B, Jacksonville, Florida 32256. The Compliance Authority's telephone number is 904/256-1700.

3. Appendices: The following Appendices are attached as part of this permit:

   a. Appendix A. Citation Formats and Glossary of Common Terms;

   b. Appendix B. General Conditions;

   c. Appendix C. Common Conditions

   d. Appendix D. Common Testing Requirements

   e. Appendix E. 40 CFR 60, Subpart A - General Conditions

4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.

5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]

6. Modifications: The permittee shall notify the Compliance Authority upon commencement of construction. No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1) (a), F.A.C.]

7. Application for Non Title V Permit Renewal: This permit authorizes operation of the permitted emissions units. The permittee shall apply for a Non-Title V air operation permit (DEP Form No. 62-210.900(4), F.A.C.) at least 60 days prior to expiration of this permit. To apply for a Non-Title V operation permit, the applicant shall submit the appropriate application form, compliance test results, and such additional information as the Department may by law require. The application shall be submitted to the appropriate Permitting Authority with copies to the Compliance Authority. [Rules 62-4.030, 62-4.050, 62-4.220, F.A.C.]

8. Any revision(s) to a permit (and application) must be submitted to the Department, in writing, and approved by the Department prior to implementation.

9. The I.D. No. and Project name for this source shall be used on all correspondence.

This section of the permit addresses the following emissions unit:

ID No.	Emission Unit Description
004	Rail Receiving
005	#1 Pellet System
007	#2 Pellet System
011	Grain Bin Vents
012	500 HP Johnston Boiler (Boiler No. 3) fired by Natural Gas or Ultra Low Sulfur Distillate (ULSD[1]) No. 2 Fuel Oil.
xx	#1 Hammermill
xx	#2 Hammermill
xx	Truck Receiving Pit #1
xx	Truck Receiving Pit #2

REGULATIONS

This facility is subject to Rule 62-296.320, F.A.C., Rule 62-296.406, F.A.C., Fossil Fuel Steam Generators with Less Than 250 Million Btu Per Hour Heat Input, New and Existing Emissions Units; 40 CFR 60, Subpart Dc, Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units; Rule 62-204.800, F.A.C.]

PERFORMANCE RESTRICTIONS

1. The permitted maximum allowable rate for each pollutant is as follows:

Emission Unit	Description	Throughput	PTE	Rule
004	Rail Receiving	300 tons/hr	5.97 tpy (PM)	Note (1)
005	#1 Pellet System	904,032 tons/year	36.51 tpy (PM)	Note (1)
007	#2 Pellet System		31.29 tpy (PM)	Note (2)
012	Boiler #3	20.93 mmbtu/hr	—	Note (3)
011	Grain Bin Vents	300 tons/hr	20.56 tpy (PM)	Note (1)
xx	#1 Hammermill	50 tons/hr	0.147 tpy (PM)	Exempt per Rule 62-210.300(3)(b)
xx	#2 Hammermill	50 tons/hr	2.63 tpy (PM)	
xx	Truck Receiving Pit #1	90 tons/hr	0.067 tpy (PM)	
xx	Truck Receiving Pit #2	90 tons/hr	0.067 tpy (PM)	

Specific Condition No. 1 continued:

Note (1): *Particulate Matter emission cap of 98.97 tons per year* (Basis: 0.15 lbs pm/ton). Throughput for #1 and #2 pellet mill system is limited to 904,032 tons/year.
Note (2): Particulate Matter Emissions shall be calculated based on a 12-month rolling average.
Note (3): Based on maximum fuel sulfur content of 0.05% sulfur content by weight. See **BACT Determination**. Fuel: Natural Gas or ULSD No. 2 fuel oil. [Rule 62-296.406(2), F.A.C.]

2. The maximum allowable emission rate for each pollutant is as follows:

Pollutant	Emission Unit	Emission rate	Rule
Visible Emissions	004	20% Opacity[1]	Rule 62-296.320(4)(b)1, F.A.C.
Visible Emissions	005, 007, 011	20% Opacity	62-296.320, F.A.C.
Visible Emissions	012	20 percent opacity (maximum) except for one six-minute period per hour during which opacity shall not exceed 27 percent or 40% for 2 minutes/hr.	Rule 62-296.406(1), F.A.C.; Rule 62-204.800(7)(b)4., F.A.C.

[1]Facility wide emissions limited, no testing required for EU004.

3. **(EU012) Permitted Capacity**. Boiler No. 3 shall be limited to a maximum heat input of 20.93 MMBtu per hour. Potential usage of ULSD[1] No. 2 fuel oil on an annual (12 consecutive months) basis is 1,224,648 gallons per year. To maintain synthetic minor status ULSD[1] No. 2 fuel oil use shall be limited on an annual (12 consecutive months) basis to 700,000 gallons.

[Rule 62-210.200(PTE), F.A.C.; Application No. 1210007-010-AC]

4. **(EU012) Authorized Fuel**. Fuels shall be limited to natural gas or ULSD[1] No. 2 fuel oil.

[BACT Determination, Application No. 1210007-010-AC, 40 CFR 60.42c, Rules 62-210.200(PTE), and 62-204.800, F.A.C.]

5. The hours of operation for this facility are not restricted (8,760 hours per year).

6. **(EU012) Particulate Matter Emissions**. Particulate Matter Emissions are limited by BACT in F.A.C. and are not limited in the CFR.
[Rule 62-296.406(2), F.A.C.; Rule 62-210.200(40), F.A.C.; Rule 62-204.800(7)(b)4., F.A.C.; 40 CFR 60.43c]

7. **(EU012) Sulfur Dioxide Emissions While Burning Oil.** Emission Limiting Standards for SO_2 while burning oil:

a) No owner or operator of an affected facility that combusts oil shall cause to be discharged into the atmosphere from that affected facility any gases that contain SO_2 in excess of 215 ng/J (0.50 lb/MMBtu) heat input; or, as an alternative, no owner or operator of an affected facility that combusts oil shall combust oil in the affected facility that contains greater than 0.5 weight percent sulfur. The percent reduction requirements are not applicable to affected facilities under this paragraph.

[40 CFR 60.42c(d), Rule 62-204.800, F.A.C.]

b) Compliance with the emission limits or fuel oil sulfur limits under this section may be determined based on a certification from the fuel supplier, as described under 40 CFR 60.48c(f).

[40 CFR 60.42c(h)(1), Rule 62-204.800, F.A.C.]

c) The SO_2 emission limits and fuel oil sulfur limits under this section apply at all times, including periods of startup, shutdown, and malfunction.

[40 CFR 60.42c(i), Rule 62-204.800, F.A.C.]

d) The boiler shall be subject to a Best Available Control Technology Determination for SO_2 emissions. SO_2 emissions shall be controlled by the use of natural gas or ULSD No. 2 fuel oil (maximum of 0.05% sulfur content by weight). See **BACT Determination.**

[Rule 62-296.406(3), F.A.C.]

TESTING REQUIREMENTS

8. Test the emissions for the following pollutant(s) at the interval(s) indicated.
[FAC Rule 62-297.310(8)(b)]:

Pollutant	Emission Unit	Interval	Test Method
Visible Emissions	005, 007, 011	Annually	EPA Method 9
Visible Emissions	012	Annually[1]	EPA Method 9

[1](EU012) Conduct visible emissions renewal tests while firing ULSD No. 2 fuel oil. Testing shall be conducted for a minimum period of one hour. Testing shall be conducted **annually** during each federal fiscal year. The annual test may be fired with Natural Gas **or** ULSD No. 2 fuel oil.

[Rule 62-296.406(1), F.A.C.; 40 CFR 60, Appendix A, Rules 62-204.800, 62-297.310 & 62-4.070, F.A.C.]

9. **Sulfur Dioxide (EU012).** For affected facilities subject to 40 CFR 60.42c(h)(1) and the BACT Determination where the owner or operator seeks to demonstrate compliance with the SO_2 standards based on fuel supplier certification, the performance test shall consist of the certification from the fuel supplier, as described in 40 CFR 60.48c(f).

[40 CFR 60.44c(h), Rules 62-204.800, and 62-4.070, F.A.C.]

10. The monitoring requirements of 40 CFR 60.46c(a) and (d) shall not apply to affected facilities subject to 40 CFR 60.42c(h)(1) where the owner or operator of the affected facility seeks to demonstrate compliance with the SO_2 standards based on fuel supplier certification, as described under 40 CFR 60.48c(f).

[40 CFR 60.46c(e), Rule 62-204.800, F.A.C.]

11. **Testing**. The testing of emissions must be performed in accordance with Specific Condition No. 1 of Section 4 Appendix D and Rule 62-297, F.A.C. (**See Specific Condition No. 1**).

[Rule 62-297.310(2)(b), F.A.C.]

REPORTING AND RECORDKEEPING REQUIREMENTS

12. Reporting and Recordkeeping Requirements (EU012):

a. The owner or operator of each affected facility subject to the SO_2 emission limits of 40 CFR 60.42c or the BACT Determination, or the PM or opacity limits of 40 CFR 60.43c or the BACT Determination, shall submit to the Department the performance test data from performance tests and, if applicable, the performance evaluation of the CEMS and/or COMS using the applicable performance specifications in 40 CFR 60, Appendix B.

[40 CFR 60.48c(b), Rule 62-204.800, F.A.C., Rule 62-4.070, F.A.C.]

b. The owner or operator of each affected facility subject to the SO_2 emission limits or fuel oil sulfur limits under 40 CFR 60.42c shall submit reports to the Department.

[40 CFR 60.48c(d), Rule 62-204.800, F.A.C.]

c. The owner or operator of each affected facility subject to the SO_2 emission limits or fuel oil sulfur limits under 40 CFR 60.42c shall keep records and submit reports as required under paragraph (d) of this section, including the following information, as applicable:

(1) Calendar dates covered in the reporting period.

Specific Condition No. 12 continued:

(2) If fuel supplier certification is used to demonstrate compliance, records of fuel supplier certification as described under 40 CFR 60.48c(f)(1)or (4). In addition to records of fuel supplier certifications, the report shall include a certified statement signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period.

[40 CFR 60.48c(e), Rule 62-204.800, F.A.C.]

d. Fuel supplier certification shall include the following information:

(1) For distillate oil:

(i) The name of the oil supplier;

(ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c; and

(iii) The sulfur content or maximum sulfur content of the oil.

(2) For other fuels (i.e., natural gas):

(i) The name of the supplier of the fuel;

(ii) The potential sulfur emissions rate or maximum potential sulfur emissions rate of the fuel in ng/J heat input; and

(iii) The method used to determine the potential sulfur emissions rate of the fuel.

[40 CFR 60.48c(f), Rule 62-204.800, F.A.C.]

e. The owner or operator of an affected facility that combusts only natural gas, wood, fuels using fuel certification in 40 CFR 60.48c(f) to demonstrate compliance with the SO_2 standard, fuels not subject to an emissions standard (excluding opacity), may elect to record and maintain records of the amount of each fuel combusted during each calendar month (in lieu of daily records).

[40 CFR 60.48c(g), Rule 62-204.800, F.A.C.]

f. The owner or operator of each affected facility subject to a federally enforceable requirement limiting the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c or 40 CFR 60.43c shall calculate the annual capacity factor individually for each fuel combusted. The annual capacity factor is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of the calendar month.

[40 CFR 60.48c(h), Rule 62-204.800, F.A.C.]

Specific Condition No. 12 continued:

g. All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

[40 CFR 60.48c(i), Rule 62-204.800, F.A.C.]

h. The reporting period for the reports required under this subpart is each 6 month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period. Unless otherwise required by rule, order, or permit each 6 month period shall run as follows: JAN through JUN AND JUL through DEC.

[40 CFR 60.48c(j), Rule 62-204.800, F.A.C., Rule 62-4.070, F.A.C.]

13. The facility is subject to the Unconfined Emissions of Particulate Matter as per **Specific Condition No. 9 of Section 4 Appendix C.**

14. The facility is subject to the Objectionable Odor Prohibited rule as per **Specific Condition No. 7 of Section 4 Appendix C.**
[Rule 62-296.320(2), F.A.C., and Rule 62-296.200(214), F.A.C., Definitions-Objectionable Odor]

15. Submit an Annual Operating Report on a form required pursuant to Rule 62-210.900(5), F.A.C., Annual Operating Report for Air Pollutant Emitting Facility, Form and Instructions for each calendar year on or before March 1, as per **Specific Condition No. 10.c.(1) of Section 4 Appendix C.**

16. A completed Application for Air Permit Renewal is due 60 days prior to the expiration date of this permit.