

ADEQ

ARKANSAS
Department of Environmental Quality

July 16, 2007

Perry Willingham
General Manager
Riviana Foods, Inc.
28 West White Oak
Brinkley, AR 72021

Dear Mr. Willingham:

The enclosed Permit No. 0507-AR-7 is your authority to construct, operate, and maintain the equipment and/or control apparatus as set forth in your application initially received on 1/25/2007.

After considering the facts and requirements of A.C.A. §8-4-101 et seq., and implementing regulations, I have determined that Permit No. 0507-AR-7 for the construction, operation and maintenance of an air pollution control system for Riviana Foods, Inc. be issued and effective on the date specified in the permit, unless a Commission review has been properly requested under §2.1.14 of Regulation No. 8, Arkansas Department of Pollution Control & Ecology Commission's Administrative Procedures, within thirty (30) days after service of this decision.

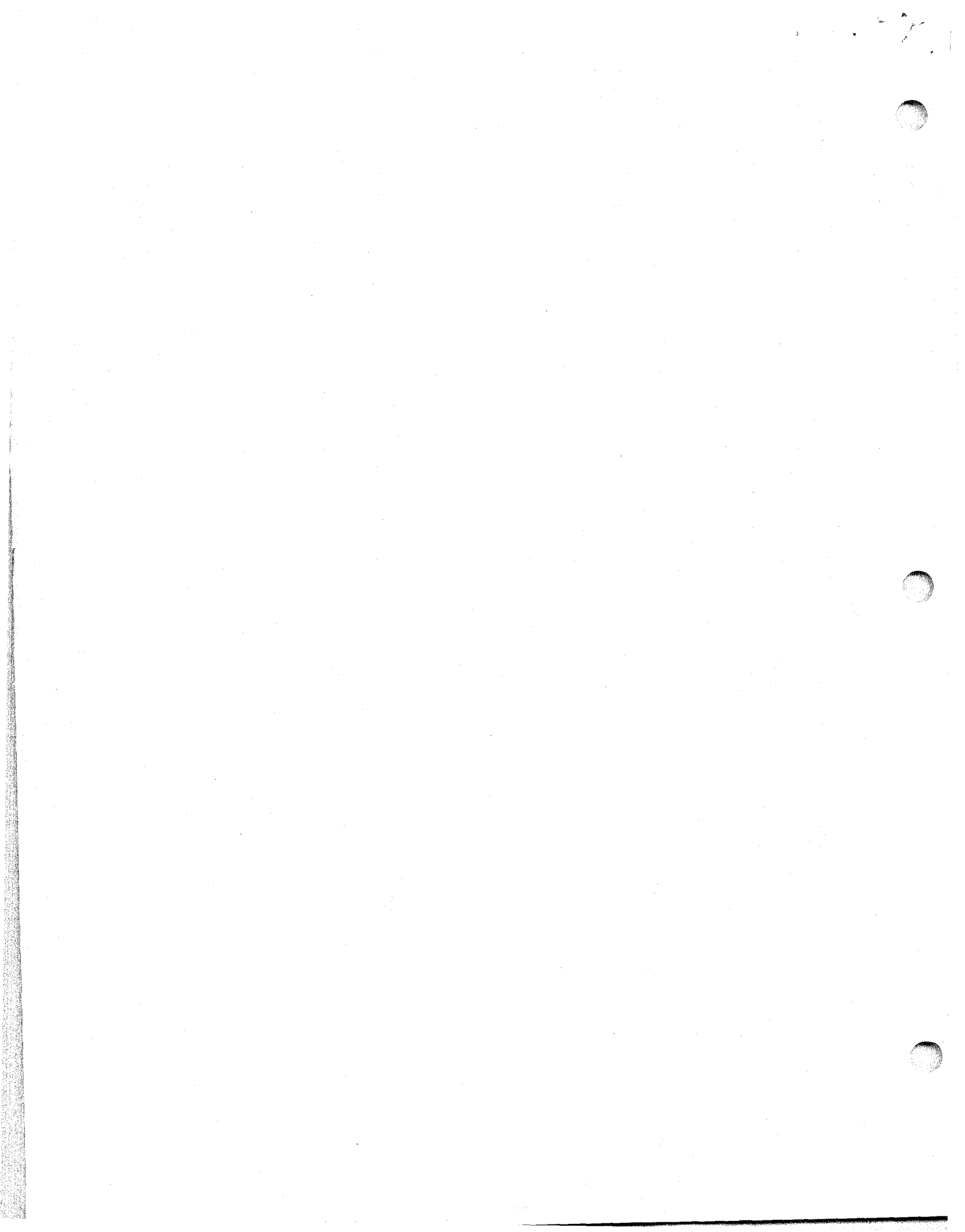
All persons submitting written comments during this thirty (30) day period, and all other persons entitled to do so, may request an adjudicatory hearing and Commission review on whether the decision of the Director should be reversed or modified. Such a request shall be in the form and manner required by §2.1.14 of Regulation No. 8.

Sincerely,



Mike Bates
Chief, Air Division

Enclosure



ADEQ MINOR SOURCE AIR PERMIT

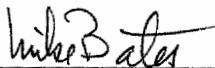
Permit #: 0507-AR-7

IS ISSUED TO:

Riviana Foods, Inc.
28 West White Oak
Brinkley, AR 72021
Monroe County
AFIN: 48-00032

THIS PERMIT IS Riviana Foods, Inc.'s AUTHORITY TO CONSTRUCT, MODIFY, OPERATE, AND/OR MAINTAIN THE EQUIPMENT AND/OR FACILITY IN THE MANNER AS SET FORTH IN THE DEPARTMENT'S MINOR SOURCE AIR PERMIT AND THE APPLICATION. THIS PERMIT IS ISSUED PURSUANT TO THE PROVISIONS OF THE ARKANSAS WATER AND AIR POLLUTION CONTROL ACT (ARK. CODE ANN. SEC. 8-4-101 *ET SEQ.*) AND THE REGULATIONS PROMULGATED THEREUNDER, AND IS SUBJECT TO ALL LIMITS AND CONDITIONS CONTAINED HEREIN.

Signed:



Mike Bates
Chief, Air Division

July 16, 2007
Date

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AFIN: 48-00032

Section I: FACILITY INFORMATION

PERMITTEE: Riviana Foods, Inc.

AFIN: 48-00032

PERMIT NUMBER: 0507-AR-R7

FACILITY ADDRESS: 28 West White Oak
Brinkley, AR 72021

COUNTY: Monroe County

CONTACT PERSON: Perry Willingham

CONTACT POSITION: General Manager

TELEPHONE NUMBER: 870-734-1616

REVIEWING ENGINEER: Melisha Griffin

UTM Zone: 15

UTM North-South (Y): 3861589.71

UTM East-West (X): 665409.94

Section II: INTRODUCTION

Summary

Riviana Foods Inc. operates a rice mill and grain storage elevator located at 28 West White Oak, Brinkley, Monroe County, Arkansas. In this modification, the facility is installing a bran handling system at the facility. The system will consist of a new bran handling baghouse (SN-38), a bran tank (SN-39), and bran shipping (SN-40). Total PM₁₀ emissions increased by 0.6 tpy, and PM emissions increased by 0.9 tpy. Since the emissions rates are based on the maximum grain capacity, no additional recordkeeping requirements are required to demonstrate compliance with these limits.

Process Description

Original Facility

Rice and other grains are received at gravity floor dump pits. Grain is received from rail cars or trucks and transferred to storage bins. Emissions from grain receiving at receiving elevators No. 1 and No. 2 are designated SN-01. Elevator No. 3 can transfer to the steel storage drying bins. Receiving emissions taking place at elevator No. 3 are designated SN-02.

Transfer legs associated with Elevators No. 1, 2, and 3 pits vent to an air system and route through a baghouse. Emissions vented through this system are designated SN-08.

Rice is passed through a machine called a scalperator. The rice is passed through reels of coarse wire mesh to remove large foreign material and straw. Within this machine is an aspirating section with an internal settling chamber that is used to remove blank grains and fine particles. The aspirating air is discharged through a high efficiency cyclone, SN-03, for Scalper No. 1 and via a bag filter, SN-21, for Scalper No. 2.

Column dryers are used to dry the rice to a stable moisture content. These dryers use heated air burners that use natural gas for fuel. While operating, some hulls and coarse particulates pass through the screens and fall to the ground in the immediate area of the dryers. This area is kept clean by a vacuum system that discharges to the trash bin cyclone. Emissions associated with Schanzer Column Dryer No. 1 are designated SN-09, and emissions associated with the Schanzer Column Dryer No. 2 are designated SN-10. Emissions associated with steel storage drying bins are designated SN-11 through SN-20. Rice is also dried in aerated storage. Low velocity air is used.

Dry rice, beans, and occasionally other grains are stored until shipped (or processed in the rice mill). The primary loadout point is within the enclosure at Dump No. 1. Emissions from this area are designated SN-04. There are two side bin discharge spouts for occasional use on the west side of Elevator No. 2. Emissions from this area are designated SN-05. Emissions from Elevator No. 3 loadout are designated SN-06.

A Kice Aspirator is located at the facility. Although the system is no longer in use, it may be

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used in the future during occasional seasons of unusually high percentages of blank grains. Air discharges from the aspirator through a high efficiency cyclone as SN-07.

The rice mill is connected to Elevator No. 3 by an underground tunnel for its material handling system. This mill produces brown rice through a series of steps that include sizing, sifting, dehulling, and length grading. This system exhausts to a baghouse, which vents as SN-23. Hulls are stored in a separate storage bin. The facility has the capability of operating a bran system where emissions are designated SN-24.

Whole hulls are transferred mechanically to the bin and no emissions result. Hull loadout takes place within a simple tarp enclosure where loadout emissions are designated SN-22.

Trash collected in the bottoms of the cyclones and baghouses are routed to the trash tanks for the respective systems. These tanks are not open to the atmosphere and emit minimal quantities through their bin vents. Intermittent emissions occur when the tanks are emptied into trucks to haul off dirt, hulls dockage etc., that are cleaned from the incoming product. Emissions occurring due to the "boil" effect when the material hits the bed of the truck are designated SN-25 for trash tanks at Elevators No. 1 and 2, and SN-26 for trash tanks at Elevator 3.

Riviana Elevator

The Riviana Elevator includes processing equipment that has been owned and operated by Riviana. The original facility, SN-01 thru SN-26, was owned and operated by Brinkley Dryer and Storage, then A.C. Humko and now Riviana. The elevator was built in the 1950's. Grain is received in an uncontrolled receiving pit, SN-27. Cleaning and handling operations are controlled by a multiclone, SN-28.

Column dryers are used to dry rice to a stable moisture content. These dryers use heated air burners that use natural gas for fuel. Emissions associated with the dryers are designated as SN-29 and SN-30.

Dry grain is stored until shipped. The loadouts are designated as SN-31. There is also a trash tank for collecting bottoms from dryers and the multiclone. The trash tank is designated as SN-32.

Instant Plant

Brinkley Instant Plant produces instant rice and individually quick frozen (IQF) rice. A variety of different formulations are available, depending on the functional properties required by the customer.

Rice is delivered and dumped at the Instant Plant within a covered area (SN-33) and conveyed to storage bins. From the storage bins, the rice is processed in one of the two aspirators, cookers (SN-34 and SN-36) and dehydrators (SN-35 and SN-37).

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The rice is processed as IQF rice or as instant rice. The rice is checked for metal, packaged, and eventually shipped off-site. Products are typically shipped in packaged form, such as super sacks, bags, and cardboard totes.

Regulations

The facility is subject to the Arkansas Air Pollution Control Code, Regulation 18, effective February 15, 1999, the Regulations of the Arkansas Plan of Implementation for Air Pollution Control, Regulation 19, effective May 28, 2006, and 40 CFR Part 60, Subpart DD, *Standards of Performance for Grain Elevators (SN-08)*.

The following table is a summary of the facility's total emissions.

Table 1 - Total Allowable Emissions

Total Allowable Emissions		
Pollutant	Emissions Rates	
	lb/hr	tpy
PM	137.2	43.7
PM ₁₀	45.4	27.3
SO ₂	0.8	0.7
VOC	1.3	3.3
CO	9.5	35.5
NO _x	11.3	42.7

Section III: PERMIT HISTORY

- 507-A** On August 1, 1978, the first air permit was issued to the facility. Air Permit #507-A permitted the construction of additional storage at the rice drying and storage facility in Brinkley, Arkansas, with emissions being controlled by two cyclones in series.
- 507-AR-1** The first modification to Permit #507-A was issued on October 17, 1991. Air Permit #507-AR-1 allowed the addition of a brown rice mill to the facility.
- 507-AR-2** The second modification to Permit #507-A was issued on May 2, 1995. Air Permit #507-AR-2 was incorporated in response to an air inspection by ADPC&E. BDS installed a new dust control system to control and minimize particulate emissions from the facility. In conjunction with this effort, BDS submitted a permit modification request to reflect these changes and to present a more accurate emissions portrayal of the facility.
- 507-AR-3** The third modification to Permit #507-AR-2 was issued on December 10, 1997. Air Permit #507-AR-3 was issued to incorporate the following three modifications:
- I. An increase in previously permitted operating levels
 - II. Emissions from grain dryers were revised to include particulate matter emissions associated with the drying of the grain in addition to natural gas combustion emissions previously permitted
 - III. Shanzer Dryer replaced Clipper Dryer (SN-10)
- 507-AR-4** This modification to Permit #507-AR-3 was issued to "bubble" the throughput for sources SN-01, SN-02, and SN-06 at 135,000 tons per year and to remove the NSPS DD designations from the unaffected sources.
- 507-AR-5** This modification to Permit #507-AR-4 was issued on September 12, 2000 to permit all sources at the facility for the same throughput of 135,000 tons per year. The facility also updated AP-42 factors resulting in modified pound per hour and ton per year emission rates. The NSPS requirements for the column dryer (SN-10) were eliminated because the dryer has 0.083 inch plate perforations which is below the NSPS applicability standard of 0.094 inches.
- 507-AR-6** Permit #5070AR-6 was issued on March 18, 2004. Riviana Foods Inc. was formerly the Brinkley Dryer and Storage Company, Inc. Brinkley Dryer and Storage was acquired by A.C. Humko Food Companies, Inc. (ACH) in 1989. In 1996, ACH developed Brinkley Food Technologies. In 2003, Riviana Foods Inc. acquired Brinkley Dryer and Storage along with Brinkley Food Technologies from ACH. Riviana combined these facilities with its receiving and drying facility on the northwest corner of the property. These facilities are now known as Brinkley Mill, Brinkley Instant Plant, and the North Receiving and Drying

Riviana Foods, Inc.
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Facility. This modification consolidated all operations at the Brinkley site under a single permit. This permit also update the emission rate limits based on the most recent AP-42 factors. Annual permitted emissions will increase 0.5 tons of SO₂, 22.6 tons of CO, and 37.7 tons of NO_x with this modification.

Section IV: EMISSION UNIT INFORMATION

Specific Conditions

- The permittee will not exceed the emission rates set forth in the following table.
 [§19.501 *et seq.* of the Regulations of the Arkansas Plan of Implementation for Air Pollution Control, effective May 28, 2006, (Regulation 19) and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

Table 2 - Criteria Pollutants

SN	Description	Pollutant	lb/hr	tpy
Original Facility				
01	Receiving Pit Elevators No. 1 and 2	PM ₁₀	1.4	0.5
02	Receiving Pit Elevator No. 3	PM ₁₀	2.3	
03	Elevators No. 1 and 2 Cleaning and Scalping No.1 (high efficiency cyclone)	PM ₁₀	0.2	0.1
04	Elevators No. 1 and 2 Loadout	PM ₁₀	4.4	2.0
05	Elevator No. 2 Side Loadout	PM ₁₀	4.4	
06	Elevator No. 3 Loadout	PM ₁₀	8.7	
07	Kice Aspirator (high efficiency cyclone)	PM ₁₀	0.3	0.1
08	Elevators No. 1,2, and 3 Transfer Legs, Air System (Baghouse)	PM ₁₀	0.5	0.1
09	Shanzer Column Dryer #1 (25 MMBTU/HR Natural Gas Burner) (Fabric Filter)	PM ₁₀	3.2	2.1 0.1 0.6 9.2 11.0
		SO ₂	0.1	
		VOC	0.2	
		CO	2.1	
		NO _x	2.5	
10	Shanzer Column Dryer #2 (15 MMBTU/HR Natural Gas Burner) (Fabric Filter)	PM ₁₀	2.2	
		SO ₂	0.1	
		VOC	0.2	
		CO	1.3	
		NO _x	1.5	
11-20	Steel Storage Drying Bin	PM ₁₀	0.8	0.4
		SO ₂	0.1	0.1

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SN	Description	Pollutant	lb/hr	tpy
		VOC	0.1	0.3
		CO	1.0	4.4
		NO _x	1.2	5.3
21	Scalper No. 2 (Baghouse)	PM ₁₀	0.3	0.1
22	Hull Loadout	PM ₁₀	0.1	0.3
23	Rice Mill Operation (Baghouse)	PM ₁₀	3.5	12.7
24	Bran System (Baghouse)	PM ₁₀	0.1	0.2
25	Trash Tank for Elevator No. 1 and No. 2	PM ₁₀	1.0	1.0
26	Trash Tank for Elevator No. 3	PM ₁₀	1.0	1.0
Riviana Elevator				
27	Receiving Pit for Riviana Elevator	PM ₁₀	0.7	0.2
28	Cleaning and Handling for Riviana Elevator (Cyclone)	PM ₁₀	0.5	0.2
29	Riviana Elevator Dryer	PM ₁₀	5.2	1.7
		SO ₂	0.1	0.1
30	Riviana Elevator Dryer	VOC	0.2	0.6
		CO	1.3	5.5
		NO _x	1.5	6.6
31	Riviana Elevator Loadouts	PM ₁₀	2.6	0.5
32	Trash Tank for Riviana Elevator	PM ₁₀	1.0	1.0
IQF Rice				
33	Milled Rice Receiving Pit	PM ₁₀	0.1	0.1
34	Horizontal Rice Cooker #1 (Boiler)	PM ₁₀	0.2	0.8
		SO ₂	0.1	0.1
		VOC	0.2	0.6
		CO	1.3	5.5
		NO _x	1.5	6.6
35	Natural Gas Dehydration Dryer #1	PM ₁₀	0.1	0.4
		SO ₂	0.1	0.1
		VOC	0.1	0.3

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SN	Description	Pollutant	lb/hr	tpy
		CO	0.6	2.7
		NO _x	0.8	3.3
36	Horizontal Rice Cooker #2 (Boiler)	PM ₁₀	0.2	0.8
		SO ₂	0.1	0.1
		VOC	0.2	0.6
		CO	1.3	5.5
		NO _x	1.5	6.6
37	Natural Gas Dehydration Dryer #2	PM ₁₀	0.1	0.4
		SO ₂	0.1	0.1
		VOC	0.1	0.3
		CO	0.6	2.7
		NO _x	0.8	3.3
38	Bran Handling Baghouse	PM ₁₀	0.1	0.2
39	Bran Tank	PM ₁₀	0.1	0.2
40	Bran Shipping	PM ₁₀	0.1	0.2

2. The permittee will not exceed the emission rates set forth in the following table. [§18.801 of the Arkansas Air Pollution Control Code, effective February 15, 1999 (Regulation 18) and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

Table 3 - Non-Criteria Pollutants

SN	Description	Pollutant	lb/hr	Tpy
Original Facility				
01	Receiving Pit Elevators No. 1 and 2	PM	6.3	2.4
02	Receiving Pit Elevator No. 3	PM	10.5	
03	Elevators No. 1 and 2 Cleaning and Scalping No.1 (high efficiency cyclone)	PM	0.7	0.4
04	Elevators No. 1 and 2 Loadout	PM	12.9	5.8
05	Elevator No. 2 Side Loadout	PM	12.9	
06	Elevator No. 3 Loadout	PM	25.8	
07	Kice Aspirator (high efficiency cyclone)	PM	1.0	0.4

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SN	Description	Pollutant	lb/hr	Tpy
08	Elevators No. 1,2, and 3 Transfer Legs, Air System (Baghouse)	PM	0.9	0.2
09	Shanzer Column Dryer #1 (25 MMBTU/HR Natural Gas Burner) (Fabric Filter)	PM	12.1	5.4
10	Shanzer Column Dryer #2 (15 MMBTU/HR Natural Gas Burner) (Fabric Filter)	PM	8.1	
11-20	Steel Storage Drying Bin	PM	3.0	1.7
21	Scalper No. 2 (Baghouse)	PM	1.0	0.3
22	Hull Loadout	PM	0.2	0.8
23	Rice Mill Operation (Baghouse)	PM	3.5	12.7
24	Bran System (Baghouse)	PM	0.1	0.2
25	Trash Tank for Elevator No. 1 and No. 2	PM	1.0	1.0
26	Trash Tank for Elevator No. 3	PM	1.0	1.0
Riviana Elevator				
27	Receiving Pit for Riviana Elevator	PM	3.2	0.5
28	Cleaning and Handling for Riviana Elevator (Cyclone)	PM	3.1	1.1
29	Riviana Elevator Dryer	PM	20.0	4.1
30	Riviana Elevator Dryer			
31	Riviana Elevator Loadouts	PM	7.8	1.3
32	Trash Tank for Riviana Elevator	PM	1.0	1.0
IQF Rice				
33	Milled Rice Receiving Pit	PM	0.1	0.1
34	Horizontal Rice Cooker #1 (Boiler)	PM	0.2	0.8

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SN	Description	Pollutant	lb/hr	Tpy
35	Natural Gas Dehydration Dryer #1	PM	0.1	0.4
36	Horizontal Rice Cooker #2 (Boiler)	PM	0.2	0.8
37	Natural Gas Dehydration Dryer #2	PM	0.1	0.4
38	Bran Handling Baghouse	PM	0.1	0.2
39	Bran Tank	PM	0.1	0.2
40	Bran Shipping	PM	0.2	0.5

3. Visible emissions will not exceed the limits specified in the following table of this permit as measured by EPA Reference Method 9. [A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

Table 4 - Visible Emissions

SN	Limit	Regulatory Citation
01 & 02	5%	18.501
03	5%	18.501
04	5%	18.501
05	5%	18.501
06	5%	18.501
07	5%	18.501
08	0%	40 CFR 60.303(c)(2)
09 & 10	5%	18.501
11 - 20	5%	18.501
21	5%	18.501
22	5%	18.501
23	5%	18.501
24	5%	18.501
25	5%	18.501
26	5%	18.501
27	5%	18.501

SN	Limit	Regulatory Citation
28	5%	18.501
29	5%	18.501
30	5%	18.501
31	5%	18.501
32	5%	18.501
33	5%	18.501
35	5%	18.501
37	5%	18.501
38	5%	18.501
39	5%	18.501
40	5%	18.501

4. The permittee will not cause or permit the emission of air contaminants, including odors or water vapor and including an air contaminant whose emission is not otherwise prohibited by Regulation #18, if the emission of the air contaminant constitutes air pollution within the meaning of A.C.A. §8-4-303. [§18.801 of Regulation 18, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-31]
5. The permittee will not conduct operations in such a manner as to unnecessarily cause air contaminants and other pollutants to become airborne. [§18.901 of Regulation 18, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
6. The permittee shall operate and maintain baghouses associated with this facility in serviceable condition as prescribed by the manufacturer during operation of this facility. The baghouses shall be inspected as necessary, but no less than once per week, to assure that the baghouses are in good working condition. In order to facilitate this preventative maintenance requirement, the baghouses shall be equipped with a pressure drop measurement device. The pressure drop shall be maintained between 3 inches and 5 inches H₂O. The permittee shall maintain weekly records of pressure drop and maintenance activities for each baghouse. These records shall be kept on site and made available to Department personnel upon request. [Regulation 19, §19.303 and A.C.A §8-4-203 as referenced by §8-4-304 and §8-4-311]
7. Natural gas consumption for the entire facility is limited to 849.72 MM SCF per rolling twelve month total. Monthly records shall be kept on site and made available to Department personnel upon request. [Regulation 19, §19.705 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

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8. The permittee will not receive more than 4.5 million bushels or 135,000 tons of grain at the Original Facility (SN-01 thru SN-26) per consecutive 12-month period. [Regulation 19, §19.705 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
9. The permittee will not exceed a throughput of 1.0 million bushels of grain at the Riviana Elevator (SN-27 thru SN-32) per consecutive 12-month period. [Regulation 19, §19.705 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
10. The permittee will not exceed a throughput of 1.5 million bushels of grain at the Instant Quick Frozen (IQF) Rice Plant (SN-33 thru SN-37) per consecutive 12-month period. [Regulation 19, §19.705 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
11. The permittee will maintain monthly records which demonstrate compliance with Specific Conditions #8, #9, and #10. The permittee will update the records by the fifteenth day of the month following the month to which the records pertain. The permittee will keep the records onsite, and make the records available to Department personnel upon request. [Regulation 19, §19.705 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
12. The permittee shall not cause to be discharged into the atmosphere any fugitive emission from SN-08 which exhibits greater than 0 percent opacity. [Regulation 19, §19.304 and 40 CFR Part §60.602(c)(2)]
13. The permittee shall conduct an initial test for the source SN-08 to determine compliance with the opacity limit specified in Specific Condition #3 and the opacity limit specified in Specific Condition #10. EPA Reference Method 9 and the procedures in § 60.11 shall be used to measure the opacity. The permittee shall conduct the required test in accordance with General Condition 7 of this permit. There is no need to test source SN-08 if it has already been tested, provided the facility has documentation and the results of the test. [Regulation 19, §19.304 and 40 CFR 60.303 and §60.8 Appendix A]
14. The permittee shall supply written reports of the results of the performance test, required by 40 CFR 60 Subpart DD, in accordance with General Condition 6. [Regulation 19, §19.705 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

Section V: INSIGNIFICANT ACTIVITIES

The Department deems the following types of activities or emissions as insignificant on the basis of size, emission rate, production rate, or activity in accordance with Group A of the Insignificant Activities list found in Regulation 18 and 19 Appendix A. Insignificant activity emission determinations rely upon the information submitted by the permittee in an application dated 1/25/2007.

Table 5 - Insignificant Activities

Description	Category
10 Natural Gas Burners (SN-11 through SN-20) (1.2 MM BTU/hr Capacity for each burner)	Group A, #1

Section VI: GENERAL CONDITIONS

1. Any terms or conditions included in this permit that specify and reference Arkansas Pollution Control & Ecology Commission Regulation 18 or the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 *et seq.*) as the sole origin of and authority for the terms or conditions are not required under the Clean Air Act or any of its applicable requirements, and are not federally enforceable under the Clean Air Act. Arkansas Pollution Control & Ecology Commission Regulation 18 was adopted pursuant to the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 *et seq.*). Any terms or conditions included in this permit that specify and reference Arkansas Pollution Control & Ecology Commission Regulation 18 or the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 *et seq.*) as the origin of and authority for the terms or conditions are enforceable under this Arkansas statute.
2. This permit does not relieve the owner or operator of the equipment and/or the facility from compliance with all applicable provisions of the Arkansas Water and Air Pollution Control Act and the regulations promulgated under the Act. [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
3. The permittee will notify the Department in writing within thirty (30) days after commencement of construction, completion of construction, first operation of equipment and/or facility, and first attainment of the equipment and/or facility target production rate. [§19.704 of the Regulations of the Arkansas Plan of Implementation for Air Pollution Control (Regulation 19) and/or A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
4. Construction or modification must commence within eighteen (18) months from the date of permit issuance. [§19.410(B) of Regulation 19 and/or §18.309(B) of the Arkansas Air Pollution Control Code (Regulation 18) and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
5. The permittee must keep records for five years to enable the Department to determine compliance with the terms of this permit; such as hours of operation, throughput, upset conditions, and continuous monitoring data. The Department may use the records, at the discretion of the Department, to determine compliance with the conditions of the permit. [§19.705 of Regulation 19 and/or §18.1004 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
6. A responsible official must certify any reports required by any condition contained in this permit and submit any reports to the Department at the address below. [§19.705 of Regulation 19 and/or §18.1004 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

Arkansas Department of Environmental Quality
Air Division
ATTN: Compliance Inspector Supervisor
Post Office Box 8913
Little Rock, AR 72219

7. The permittee will test any equipment scheduled for testing, unless stated in the Specific Conditions of this permit or by any federally regulated requirements, within the following time frames: (1) newly constructed or modified equipment within sixty (60) days of achieving the maximum production rate, but no later than 180 days after initial start-up of the permitted source or (2) existing equipment already operating according to the time frames set forth by the Department. The permittee must notify the Department of the scheduled date of compliance testing at least fifteen (15) days in advance of such test. The permittee must submit compliance test results to the Department within thirty (30) days after the completion of testing. [§19.702 of Regulation 19 and/or §18.1002 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
8. The permittee will provide: [§19.702 of Regulation 19 and/or §18.1002 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
 - Sampling ports adequate for applicable test methods;
 - Safe sampling platforms;
 - Safe access to sampling platforms; and
 - Utilities for sampling and testing equipment.
9. The permittee will operate equipment, control apparatus and emission monitoring equipment within their design limitations. The permittee will maintain in good condition at all times equipment, control apparatus and emission monitoring equipment. [§19.303 of Regulation 19 and/or §18.1104 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
10. If the permittee exceeds an emission limit established by this permit, the permittee will be deemed in violation of said permit and will be subject to enforcement action. The Department may forego enforcement action for emissions exceeding any limits established by this permit provided the following requirements are met: [§19.601 of Regulation 19 and/or §18.1101 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

The permittee demonstrates to the satisfaction of the Department that the emissions resulted from an equipment malfunction or upset and are not the result of negligence or improper maintenance, and the permittee took all reasonable measures to immediately minimize or eliminate the excess emissions.

The permittee reports the occurrence or upset or breakdown of equipment (by telephone, facsimile, or overnight delivery) to the Department by the end of the next business day after the occurrence or the discovery of the occurrence.

The permittee must submit to the Department, within five business days after the occurrence or the discovery of the occurrence, a full, written report of such occurrence, including a statement of all known causes and of the scheduling and nature of the actions to be taken to minimize or eliminate future occurrences, including, but not limited to, action to reduce the frequency of occurrence of such conditions, to minimize the amount by which said limits are exceeded, and to reduce the length of time for which said limits are exceeded. If the information is included in the initial report, the information need not be submitted again.

11. The permittee will allow representatives of the Department upon the presentation of credentials: [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

To enter upon the permittee's premises, or other premises under the control of the permittee, where an air pollutant source is located or in which any records are required to be kept under the terms and conditions of this permit;

To have access to and copy any records required to be kept under the terms and conditions of this permit, or the Act;

To inspect any monitoring equipment or monitoring method required in this permit;

To sample any emission of pollutants; and

To perform an operation and maintenance inspection of the permitted source.

12. The Department issued this permit in reliance upon the statements and presentations made in the permit application. The Department has no responsibility for the adequacy or proper functioning of the equipment or control apparatus. [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

13. The Department may revoke or modify this permit when, in the judgment of the Department, such revocation or modification is necessary to comply with the applicable provisions of the Arkansas Water and Air Pollution Control Act and the regulations promulgated under the Arkansas Water and Air Pollution Control Act. [§19.410(A) of Regulation 19 and/or §18.309(A) of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

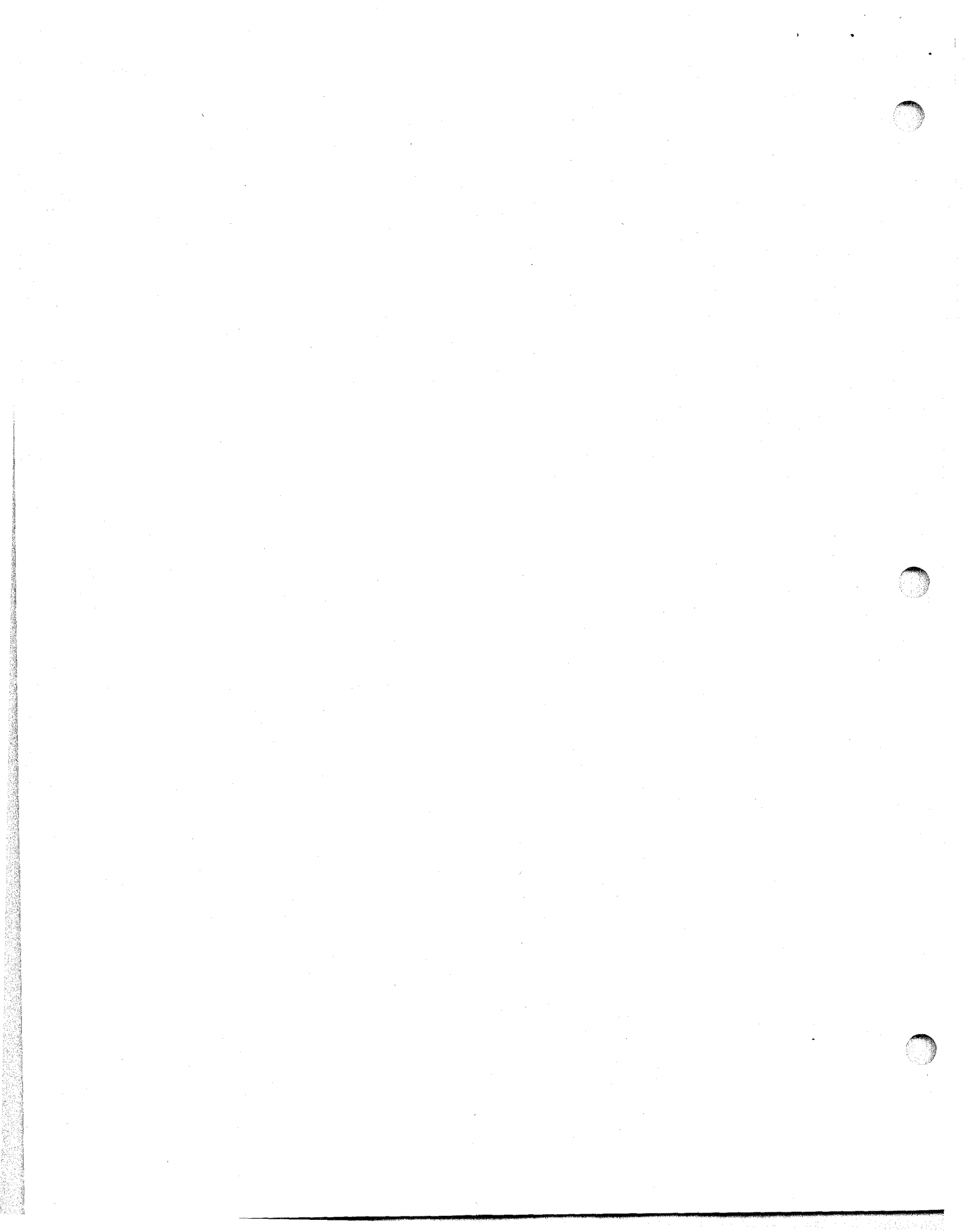
14. This permit may be transferred. An applicant for a transfer must submit a written request for transfer of the permit on a form provided by the Department and submit the disclosure statement required by Arkansas Code Annotated §8-1-106 at least thirty (30) days in advance of the proposed transfer date. The permit will be automatically

Riviana Foods, Inc.
Permit #: 0507-AR-R7
AFIN: 48-00032

transferred to the new permittee unless the Department denies the request to transfer within thirty (30) days of the receipt of the disclosure statement. The Department may deny a transfer on the basis of the information revealed in the disclosure statement or other investigation or, deliberate falsification or omission of relevant information. [§19.407(B) of Regulation 19 and/or §18.307(B) of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

15. This permit shall be available for inspection on the premises where the control apparatus is located. [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
16. This permit authorizes only those pollutant emitting activities addressed herein. [A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
17. This permit supersedes and voids all previously issued air permits for this facility. [Regulation 18 and 19 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
18. The permittee must pay all permit fees in accordance with the procedures established in Regulation No. 9. [A.C.A §8-1-105(c)]

APPENDIX A
(40 CFR Part 60, Subpart DD)



Subpart DD—Standards of Performance for Grain Elevators

Source: 43 FR 34347, Aug. 3, 1978, unless otherwise noted.

§ 60.300 Applicability and designation of affected facility.

(a) The provisions of this subpart apply to each affected facility at any grain terminal elevator or any grain storage elevator, except as provided under §60.304(b). The affected facilities are each truck unloading station, truck loading station, barge and ship unloading station, barge and ship loading station, railcar loading station, railcar unloading station, grain dryer, and all grain handling operations.

(b) Any facility under paragraph (a) of this section which commences construction, modification, or reconstruction after August 3, 1978, is subject to the requirements of this part.

[43 FR 34347, Aug. 3, 1978, as amended at 52 FR 42434, Nov. 5, 1988]

§ 60.301 Definitions.

As used in this subpart, all terms not defined herein shall have the meaning given them in the Act and in subpart A of this part.

- (a) *Grain* means corn, wheat, sorghum, rice, rye, oats, barley, and soybeans.
- (b) *Grain elevator* means any plant or installation at which grain is unloaded, handled, cleaned, dried, stored, or loaded.
- (c) *Grain terminal elevator* means any grain elevator which has a permanent storage capacity of more than 88,100 m³ (ca. 2.5 million U.S. bushels), except those located at animal food manufacturers, pet food manufacturers, cereal manufacturers, breweries, and livestock feedlots.
- (d) *Permanent storage capacity* means grain storage capacity which is inside a building, bin, or silo.
- (e) *Railcar* means railroad hopper car or boxcar.
- (f) *Grain storage elevator* means any grain elevator located at any wheat flour mill, wet corn mill, dry corn mill (human consumption), rice mill, or soybean oil extraction plant which has a permanent grain storage capacity of 35,200 m³ (ca. 1 million bushels).
- (g) *Process emission* means the particulate matter which is collected by a capture system.
- (h) *Fugitive emission* means the particulate matter which is not collected by a capture system and is released directly into the atmosphere from an affected facility at a grain elevator.
- (i) *Capture system* means the equipment such as sheds, hoods, ducts, fans, dampers, etc. used to collect particulate matter generated by an affected facility at a grain elevator.
- (j) *Grain unloading station* means that portion of a grain elevator where the grain is transferred from a truck, railcar, barge, or ship to a receiving hopper.
- (k) *Grain loading station* means that portion of a grain elevator where the grain is transferred from the elevator to a truck, railcar, barge, or ship.
- (l) *Grain handling operations* include bucket elevators or legs (excluding legs used to unload barges or ships), scale hoppers and surge bins (garners), turn heads, scalpels, cleaners, trippers, and the headhouse and other such structures.
- (m) *Column dryer* means any equipment used to reduce the moisture content of grain in which the grain flows from the top to the bottom in one or more continuous packed columns between two perforated metal sheets.
- (n) *Rack dryer* means any equipment used to reduce the moisture content of grain in which the grain

flows from the top to the bottom in a cascading flow around rows of baffles (racks).

(o) *Unloading leg* means a device which includes a bucket-type elevator which is used to remove grain from a barge or ship.

[43 FR 34347, Aug. 3, 1978, as amended at 65 FR 61759, Oct. 17, 2000]

§ 60.302 Standard for particulate matter.

(a) On and after the 60th day of achieving the maximum production rate at which the affected facility will be operated, but no later than 180 days after initial startup, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere any gases which exhibit greater than 0 percent opacity from any:

(1) Column dryer with column plate perforation exceeding 2.4 mm diameter (ca. 0.094 inch).

(2) Rack dryer in which exhaust gases pass through a screen filter coarser than 50 mesh.

(b) On and after the date on which the performance test required to be conducted by §60.8 is completed, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility except a grain dryer any process emission which:

(1) Contains particulate matter in excess of 0.023 g/dscm (ca. 0.01 gr/dscf).

(2) Exhibits greater than 0 percent opacity.

(c) On and after the 60th day of achieving the maximum production rate at which the affected facility will be operated, but no later than 180 days after initial startup, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere any fugitive emission from:

(1) Any individual truck unloading station, railcar unloading station, or railcar loading station, which exhibits greater than 5 percent opacity.

(2) Any grain handling operation which exhibits greater than 0 percent opacity.

(3) Any truck loading station which exhibits greater than 10 percent opacity.

(4) Any barge or ship loading station which exhibits greater than 20 percent opacity.

(d) The owner or operator of any barge or ship unloading station shall operate as follows:

(1) The unloading leg shall be enclosed from the top (including the receiving hopper) to the center line of the bottom pulley and ventilation to a control device shall be maintained on both sides of the leg and the grain receiving hopper.

(2) The total rate of air ventilated shall be at least 32.1 actual cubic meters per cubic meter of grain handling capacity (ca. 40 ft³ /bu).

(3) Rather than meet the requirements of paragraphs (d)(1) and (2) of this section the owner or operator may use other methods of emission control if it is demonstrated to the Administrator's satisfaction that they would reduce emissions of particulate matter to the same level or less.

§ 60.303 Test methods and procedures.

(a) In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the test methods in appendix A of this part or other methods and procedures as specified in this section, except as provided in §60.8(b). Acceptable alternative methods and procedures are given in paragraph (c) of this section.

(b) The owner or operator shall determine compliance with the particulate matter standards in §60.302 as follows:

(1) Method 5 shall be used to determine the particulate matter concentration and the volumetric flow rate of the effluent gas. The sampling time and sample volume for each run shall be at least 60 minutes and 1.70 dscm (60 dscf). The probe and filter holder shall be operated without heaters.

(2) Method 2 shall be used to determine the ventilation volumetric flow rate.

(3) Method 9 and the procedures in §60.11 shall be used to determine opacity.

(c) The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section:

(1) For Method 5, Method 17 may be used.

[54 FR 6674, Feb. 14, 1989]

§ 60.304 Modifications.

(a) The factor 6.5 shall be used in place of "annual asset guidelines repair allowance percentage," to determine whether a capital expenditure as defined by §60.2 has been made to an existing facility.

(b) The following physical changes or changes in the method of operation shall not by themselves be considered a modification of any existing facility:

(1) The addition of gravity loadout spouts to existing grain storage or grain transfer bins.

(2) The installation of automatic grain weighing scales.

(3) Replacement of motor and drive units driving existing grain handling equipment.

(4) installation of permanent storage capacity with no increase in hourly grain handling capacity.

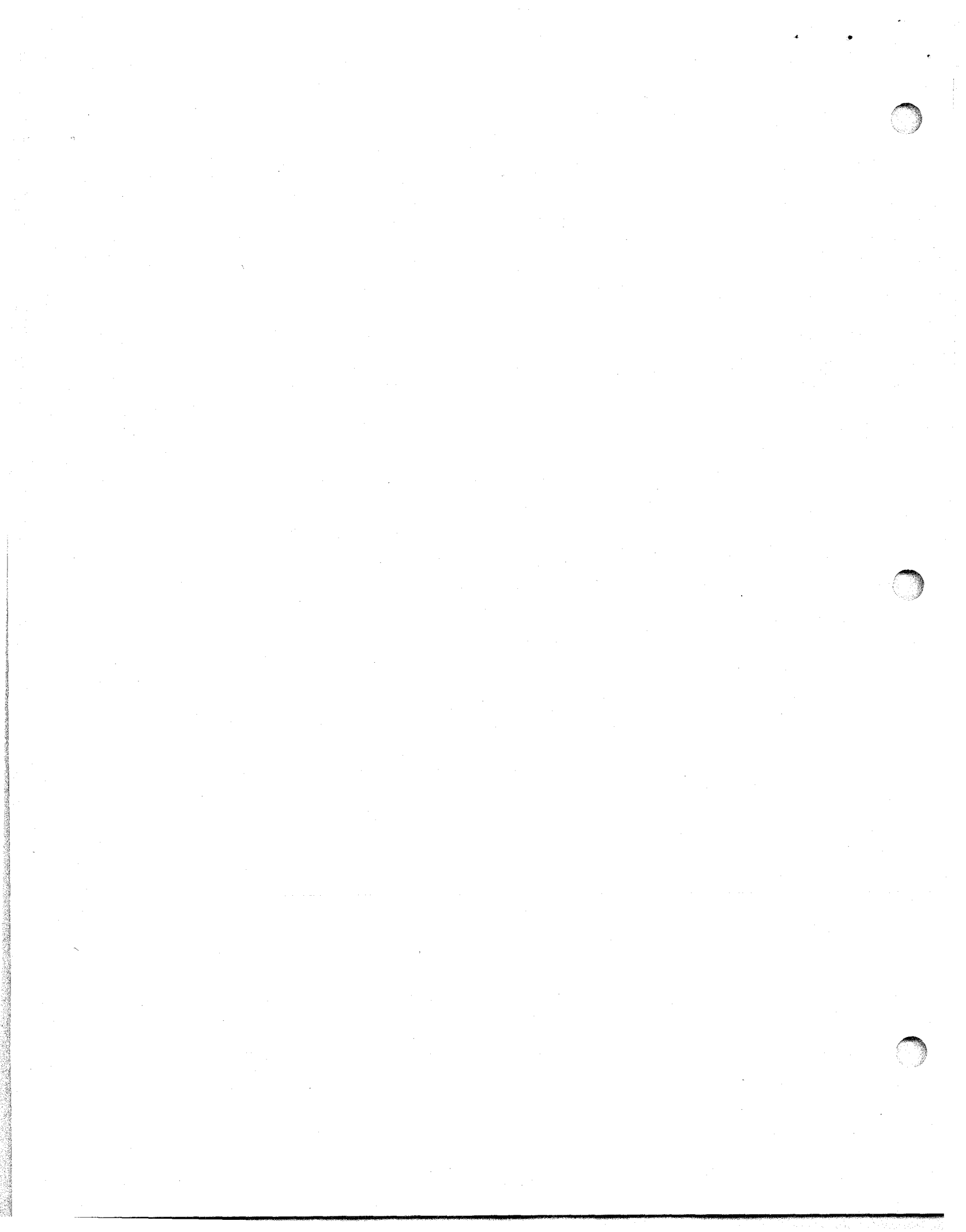
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Last updated: February 19, 2007



CERTIFICATE OF SERVICE

I, Pam Owen, hereby certify that a copy of this permit has been mailed by first class mail to Riviana Foods, Inc., 28 West White Oak, Brinkley, AR, 72021, on this 16th day of July 2007.

Pam Owen

Pam Owen, AAIL, Air Division

