



ARKANSAS
Department of Environmental Quality

September 28, 2009

Kurt Hasty
Regional Operations Manager
Consolidated Grain and Barge
201 N. Missouri Avenue
Mound City, IL 62963

RE: Application for Registration
AFIN: 18-00881 Registration No.: 2215-A-REG-315

Dear Mr. Hasty:

The Department has reviewed your facility's application for registration for the facility located at 898 S. Walker Avenue, West Memphis in Crittenden County, Arkansas.

The Department has determined that the information certified in the application fulfills the required criteria for registration as specified in Arkansas Air Pollution Control Code (Regulation 18), Section 18.315 and other applicable regulations. Your registration number has been assigned as 2215-A-REG-315.

This registration is your authority to construct, operate, and maintain the equipment and/or control apparatus as set forth in your registration request received on September 14, 2009. Consolidated Grain and Barge is required to update this registration should the facility operations or emissions change so that the current registration no longer reflects actual operations.

Please maintain a copy of this letter and the application at the facility.

Sincerely,

A handwritten signature in black ink, appearing to read "TRheaume", is written over a horizontal line.

Thomas Rheaume
Permit Branch Manager, Air Division

c: Compliance Monitoring

ADEQ

Arkansas Department of Environmental Quality

AIR DIVISION

REGISTRATION FOR FACILITIES

REGULATION 18.315

March 2009

REGISTRATION FORM

AFIN		DATE	8/25/09
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FACILITY PHYSICAL LOCATION

Facility Name	Consolidated Grain and Barge				
Physical Address or Location	898 S. Walker Ave				
Physical City	West Memphis				
Physical Zip	72301				
UTM Zone	15	UTM Westing (nearest meter)	3891834.5360508654	UTM Northing (nearest meter)	759736.7403640204
NAICS Code	424510		NAICS Description	Grain and Field Beans	

FACILITY AIR CONTACT

Contact First Name	Kurt		
Contact Last Name	Hasty		
Contact Position	Regional Operations Manager		
Contact Mailing Address	201 N. Missouri Ave		
Contact Mailing City	Mound City		
Contact Mailing State	Illinois	Contact Mailing Zip	62963
Contact Phone #	618 748-9567	Contact FAX	618 748-9279
Contact Email Address	Kurt.Hasty@cgb.com		

INVOICE MAILING ADDRESS

Organization Name	Consolidated Grain and Barge Co.				
Invoice Contact First Name	Kurt				
Invoice Contact Last Name	Hasty				
Mailing Address	201 N. Missouri Ave, Mound City				
Invoice Mailing State	Illinois		Invoice Mailing Zip	62963	
Invoice Contact Phone	618 748-9567		Invoice Contact FAX	618 748-9279	

1. **Organization Status of Applicant**

Please check the box which appropriately describes the legal organization of the applicant.

Solely Owned Proprietorship	<input type="checkbox"/>	Corporation	<input checked="" type="checkbox"/>	Limited Partnership	<input type="checkbox"/>
General Partnership	<input type="checkbox"/>	OTHER:	<input type="checkbox"/>	Please Specify:	

2. If the applicant is a corporation, indicate if it is a domestic (Arkansas) corporation or a foreign (chartered outside of Arkansas) corporation. Domestic ☐ Foreign ☒

3. If the applicant is a corporation, is it currently registered to do business with the Arkansas Secretary of State? Yes ☒ No ☐

4. **Registration Information**

New Facility	<input checked="" type="checkbox"/>	Existing Facility	<input type="checkbox"/>
Existing Facility with an Air Permit	<input type="checkbox"/>	List Current Permit No.	<i>The permit will be voided with this registration.</i>
Modification of Current Registration	<input type="checkbox"/>	List Current Registration No.	

5. Attach a brief description of the facility, processes and sources of air pollution emissions.

6. What are the estimated total actual emissions from this facility?

Pollutant	Tons/year
PM	21
PM ₁₀	6
SO ₂	
VOC	
CO	
NO _x	
Single HAP*	
Combination HAP*	
Air Contaminants**	

HAP* – Hazardous Air Pollutant

**Cannot exceed 25 tons per year

7. Attach an explanation of how the emissions estimate was determined e.g. AP-42, test information, etc.

8. Has a Disclosure Statement been submitted to the Department previously? Yes ☒ No ☐
(If no, please attach a disclosure statement)

9. Do you wish to be added the Air Permits Newsletter email list? Yes ☒ No ☐

If yes, list the email address(es) you wish to use:

(or you can email us at AirPermits@adeq.state.ar.us with "subscribe" (no quotation marks) in the subject box.

10. The registration requires an annual fee of \$200. The Department will send an invoice when the annual fee is due. Submit this Registration to:

Arkansas Department of Environmental Quality
Air Permitting Section
5301 Northshore Drive
North Little Rock, AR 72118

CERTIFICATION OF APPLICATION

"Responsible Official" means one of the following:

- 1) For a corporation: a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and either:
 - A) the facilities employ more than 250 persons or have gross annual sales or expenditures exceeding \$25 million (in second quarter 1990 dollars); or
 - B) the delegation of authority to such representative is approved in advance by the permitting authority.
- 2) For a partnership or sole proprietorship: a general partner or the proprietor, respectively;
- 3) For a municipality, State, Federal, or other public agency: either a principal executive officer or ranking elected official. For the purposes of this part, a principal executive officer of a Federal agency includes the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., a Regional Administrator of EPA).

I certify under penalty of law that this application and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

ROGER L. DOWDY

Typed/printed name of responsible official

PRESIDENT

Title

Roger L. Dowdy

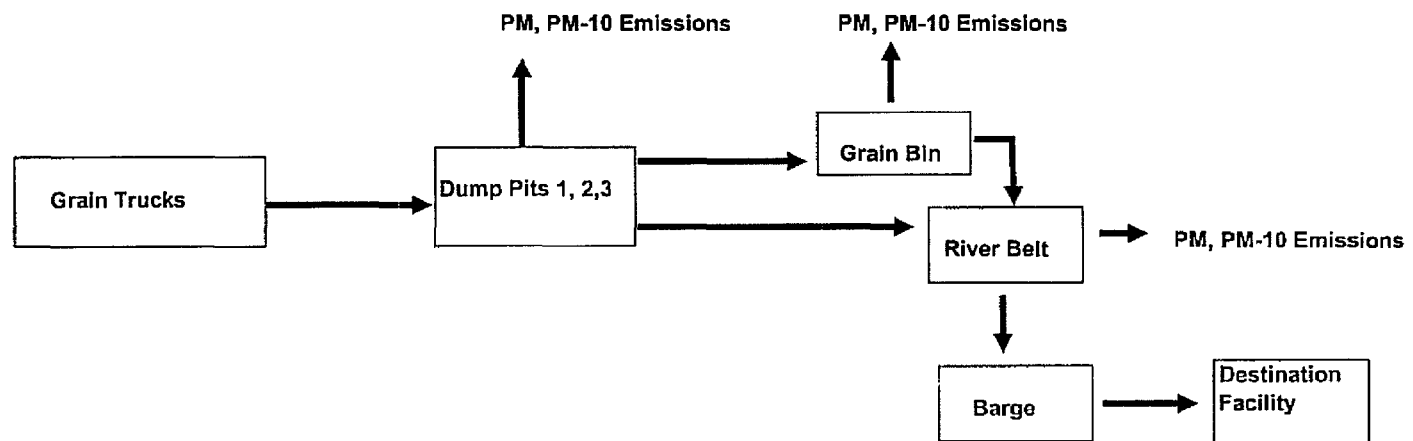
Signature of responsible official

9/3/09

Date

Grain Elevator Loading Process Flow Diagram

Consolidated Grain and Barge
West Memphis AR



All Emissions consist of PM, PM-10 (except CO, NOx, SO2, VOM from Natural Gas)
Emissions calculated utilizing AP-42 chapter 9.9.1

Grain Elevator	unprotect password: grain									
INSTRUCTIONS: enter relevant data at the stars(*), the spreadsheet will then apply emission factors and controls. The facility totals for PM (PART) and PM10 are found at the bottom. Note: enter controls in decimal form, ex 90% is entered as 0.9.										
Miscellaneous may be used for site specific sources (ex. If site also has uncontrolled dump pits, etc.).										
NOTE: Use a control factor of 0.98 (98% control efficiency) for baghouses, 0.9 for cyclones, -0.95 for enclosed processes, -0.90 for dust surfactants										
NOTES:										
Facility Name:	Consolidated Grain and Barge Co.				* CGB Corporate - Carl Corrigan					
Facility Contact Name:	Kurt Hasty				*					
Facility ID#:					* 15 million bu thruput					
Facility AP#:					*					
Facility Location:	Arkansas				*					
Date: August 25, 2009	08/25/09				*					
					* Storage Cap. (M bu):		1		NSPS: no	
AP-42 Table 9.9-1										
	Throughput (Mbu/yr)	Throughput (T/yr)	PM (lb/T)	PM-10 (lb/T)	Controls (%)		PM(PART) (T/yr)	PM-10 (T/yr)		
RECEIVING										
Straight truck:	5 *	140000	0.18	0.059	0% *		12.60	4.13		
Hoppertruck:	10 *	280000	0.035	0.0078	0% *		4.90	1.09		
Railcar:	0 *	0	0.032	0.0078	0% *		0.00	0.00		
Barge Unloading(cont):	0 *	0	0.029	0.0073	0% *		0.00	0.00		
Marine Leg	0	0	0.15	0.038	0% *		0.00	0.00		
Ship Unloading***:	0 *	0	0.15	0.038	0% *		0.00	0.00		
DRYING										
Column:	0 *	0	0.22	0.055	0% *		0.00	0.00		
Rack (Uncontrolled)	0 *	0	3	0.75			0.00	0.00		
Rack (Controlled)	0 *	0	0.47	0.12			0.00	0.00		
SHIPPING:										
Truck:	0 *	0	0.086	0.029	50% *		0.00	0.00		
Rail:	0 *	0	0.027	0.0022	98% *		0.00	0.00		
Barge Loading***:	15 *	420000	0.016	0.004	0% *		3.36	0.84		
Ship Loading***:	0 *	0	0.048	0.012	0% *		0.00	0.00		
MISC.										
Cleaning**:	0 *	0	0.075	0.019			0.00	0.00		
Headhouse:	15 *	420000	0.081	0.034	98% * 90%		1.281	0.520	0.714	0.14
Bin Vents:	1 *	28000	0.025	0.0063	0% *		0.35	0.09		
Dry Bulk Handling	0 *		0.06	0.028	0% *		0.00	0.00		
Miscellaneous:	0 *	0			0% *		0.00	0.00		
					TOTAL=		21.47		6.29	
							22.491		6.774	
* 1 bushel corn= 56 lbs										
**= controlled by cyclone										

Consolidated Grain and Barge
Proposed West Memphis Barge Loading Facility

Description of Facility

We propose to construct a barge loading facility on the Mississippi River at West Memphis. This facility will unload grain from trucks from the surrounding area and transfer product to barges. A process flow diagram is attached. The emissions points are at the truck receiving pit where the grain is unloaded from the truck trailers and enters the truck pit. From the pit, the grain is transitioned onto the river belt, which discharges the grain through a barge loading spout into the barge. The conveyor will be covered and enclosed. There will not be any grain drying at the facility. The barge loading spout is another emission point. The barge spout will be equipped with a nozzle that reduces the size of the opening to help control dust emissions. Best management practices will be utilized to reduce dust emissions and maintain good housekeeping.