

**DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: On-site Inspection**

N806270560

FACILITY: Kalmbach Feeds of Michigan, LLC		SRN / ID: N8062
LOCATION: 4584 1/2 W GARFIELD RD, MIDDLETON		DISTRICT: Lansing
CITY: MIDDLETON		COUNTY: GRATIOT
CONTACT: Wayne Hipolite , Feed Mill Manager		ACTIVITY DATE: 01/09/2024
STAFF: Autumn Cole	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled Inspection		
RESOLVED COMPLAINTS:		

On January 9, 2024 the State of Michigan's (SOM), Environment Great Lakes and Energy (EGLE), Air Quality Division (AQD), conducted an on-site inspection of Kalmbach Feeds of Michigan, LLC. The last inspection of the facility was on November 28, 2012. The facility location is at 4584 ½ W. Garfield Rd., Middleton.

The Environmental Contact:

Wayne Hipolite, Feed Mill Manager

Email: wayne.hipolite@kalmbachfeeds.com , Phone: (989)842-1075

AQD Staff:

Autumn Cole, Environmental Engineer

Michelle Luplow, EQA

Location:

The facility is located at 4584 ½ W. Garfield Rd., Middleton. It is about 1.5 miles outside of downtown Middleton and is surrounded by farm fields on all directions. The nearest residential building is 0.3 miles to the east and west.

Facility Description:

This facility is classified as a country grain elevator. They have 12 grain storage bins that have been leased by Michigan Agricultural Commodities for corn storage since September 2023. The facility also has 2 non-enclosed dump areas, a grinding mill truck loadout area, a Zimmerman tower dryer, a grinder for milling the dried corn on-site and a 70-ton storage bin for the ground corn. The corn stored and milled on site is then shipped out for animal feed.

Regulatory Overview

The storage bins at the facility add up to a total permanent storage capacity of 1,018,833 bushels. Since they are below the 2.5 million barrels threshold, this location is not subject to 40 CFR 60 Subpart DD.

The Zimmerman dryer is exempt pursuant to Rule 285(2)(p): the column plate perforations are no more than 0.094 in. (2.4mm). The grinder is exempt pursuant to Rule 285(dd)(ii).

All other equipment onsite, such as storage silos, grain conveyors and bucket elevators, are classified under grain handling operations which makes them exempt under Rule 285(2)(p)

Fee Status:

Exempt

Inspection:

We arrived at the facility at 10:00 am where we met with Brandon Patin, the site's Mill operator and only onsite employee. Brandon informed us that our original contact no longer worked there, and our new contact worked out of their Breckenridge location. Brandon said that he would be able to answer any questions regarding the facility for us, so we sat down to discuss all the changes since the last inspection and the exempt equipment onsite. He explained the new ownership of the facility and how they now lease out everything to Michigan Agricultural Commodities except the grinding operation, which was installed roughly 10 years ago. We then toured the area to check the serial number on the tower dryer and see the grinder they had installed since the last inspection. The emission units are as follows:

Emission Units:

Emission Unit / Flexible Group	Description	Applicable Regulations	Compliance Status
Grain Unloading	Two non-enclosed dump pits	Rule 285(2)(p)	In Compliance
Grain Dryer	Zimmerman (z-2420) tower dryer (serial 2007103). Dryer has column plate perforations that are less than 0.094 in (2.4mm). Installed in 2007	Rule 285(2)(p)	In Compliance
Grain Grinder	Grain grinder vented through closed-loop exhaust. Runs automatically feeding into 70-ton storage silo for maximum 12 hrs. a day. Installed roughly 10 years ago.	Rule 285(2)(dd)(ii)	In Compliance
Truck Loadout Area	Truck un-enclosed loadout area from silo connected to grinder.	Rule 285(2)(p)	In Compliance

Grain Unloading: Non-enclosed unloading pits covered for the winter.

Grain Dryer: Tower grain dryer also not in operation due to weather and the time of year. Confirmed the mesh sizing was less than 0.094 in. which makes it exempt.

Grain Grinder: The grain dryer appeared to be self-contained emissions. The exhaust was a closed loop that went back into the grinder to not lose any particulate matter.

Truck Loadout Area: Particulate matter was discovered on the ground near the grain grinder load out area, however they had just loaded a truck within the last hour and the heavy wind (28mph) likely caused most of it during the loading process.

Compliance Statement:

The site is confirmed to have all exempt equipment and therefore, is in compliance with all applicable regulations.

NAME Arthur Cole

DATE 2/6/24

SUPERVISOR RB