

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

U50150592630006

FACILITY: Vogelsberg Grain Company		SRN / ID: U501505926
LOCATION: 11570 Jeddo Road, Yale		DISTRICT: Southeast Michigan
CITY: Yale		COUNTY: MACOMB
CONTACT: Bill Vogelsberg, Owner		ACTIVITY DATE: 07/01/2015
STAFF: Samuel Liveson	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Self-initiated inspection of an unregistered facility.		
RESOLVED COMPLAINTS:		

On Wednesday July 1, I conducted an unannounced, self-initiated, level 2 inspection of Vogelsberg Grain Company, located at 11570 Jeddo Road in Yale, Michigan. The purpose of this inspection was to determine the facility's compliance with the federal Clean Air Act, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended; 40 CFR Part 60 Subpart DD – Standards of Performance for Grain Elevators (40 CFR Part 60 Subpart DD); and 40 CFR Part 60 Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40 CFR Part 60 Subpart JJJJ).

I arrived on site around 11:00 AM. I met with Mr. Bill Vogelsberg, Owner, and with Jake, Grain Merchandiser. Mr. Vogelsberg discussed the facility operations and Jake provided a tour of the facility. I provided Mr. Vogelsberg with my contact information and the pamphlet "DEQ Environmental Inspections: Rights and Responsibilities."

Vogelsberg Grain has approximately 16 employees, and operates 8:00 AM – 4:30 PM Monday through Friday. The facility acts as a grain elevator to buy and sell corn, dry corn, soybeans, and wheat. There are seven silos on site. According to Mr. Vogelsberg, the facility has a permanent storage capacity of 200,000 bushels. This storage capacity appears accurate from observing the size of silos on site.

Grain is unloaded from trucks into a pit with a chain/paddle system. From here, grain is scooped into a series of buckets traveling up the grain leg, and loaded into the correct storage silo. Storage silos have a fan within the floor of the silo to aerate the grain when necessary. Silos have a gravity-fed shaft to load trucks. If grain is lower than the gravity-fed shaft, an auger approximately a foot in diameter can rotate to funnel grain into a pit at the bottom of the silo. From here, grain travels up the grain leg to be loaded into trucks. Grain can also be fed through a pipe system to an above-ground storage bin to be loaded into trucks.

Grain storage, handling, unloading, and storing operations appear to be exempt from permitting requirements per R 285(p) and R 285(dd)(ii).

40 CFR Part 60 Subpart JJJJ

In 2013, Vogelsberg Grain allowed a wireless internet provider to install a broadcast internet antenna on top of the tall grain leg, as well as a small propane-fired emergency generator on site so internet users have access to internet in a power outage. Because Vogelsberg Grain does not own, lease, operate, control, or supervise the emergency generator per §60.2, the facility does not appear to be subject to 40 CFR Part 60 Subpart JJJJ per §60.4230(a). I will follow up with the internet provider to determine compliance with 40 CFR Part 60 Subpart JJJJ.

40 CFR Part 60 Subpart DD

Because the facility has a storage capacity below 1,000,000 bushels, Vogelsberg Grain does not appear to be subject to 40 CFR Part 60 Subpart DD per §60.300(a) because they do not meet the definition of a grain storage elevator per §60.301(f).

Compliance

Based on the AQD inspection, it appears that Vogelsberg Grain is in compliance with the federal Clean Air Act, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended; 40 CFR Part 60 Subpart DD; and 40 CFR Part 60 Subpart JJJJ.

NAME



DATE

7/6/2015

SUPERVISOR

CJE