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

N787742663

FACILITY: ADM - BATTLE CREEK SWEETENER TERMINAL		SRN / ID: N7877
LOCATION: 436 PORTER ST, BATTLE CREEK		DISTRICT: Kalamazoo
CITY: BATTLE CREEK		COUNTY: CALHOUN
CONTACT: James Pickel , Terminal Manager		ACTIVITY DATE: 12/12/2017
STAFF: Cody Yazzie	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Self Initiated Inspection		
RESOLVED COMPLAINTS:		

On December 12, Air Quality Division (AQD) staff (Cody Yazzie and Rex Lane) arrived at ADM Battle Creek Sweetener Terminal located at 436 Porter Street, Battle Creek, Michigan at 9:30 A.M. to conduct an unannounced air quality inspection. Staff made initial contact with the office receptionist and stated the purpose of the visit. James Pickel, ADM, Terminal Manager, arrived shortly thereafter and took staff to a conference room for further discussions.

ADM transfers fructose and corn sweeteners from rail cars to tanker trucks. This process uses steam to heat the rail cars up to about 130 °F. This is to lower the viscosity of the fructose and corn sweeteners enough to be able to pump from the rail car to the tanker trunk. This facility has transferred 170 million pounds of combined product this year. The largest amount of product that has been transferred in recent years was 220 million pounds combined. The product gets shipped around the tri-state area. This facility has seven employees that operate two shifts a day. The days of operation are Monday through Friday with some weekends 11 P.M. to 5 P.M.

Staff asked questions about the facilities practices for cleaning the tanker trucks. This facility has both cleaned them out on site and had the trucks arrived pre-cleaned. Mr. Pickel stated that the tanker trucks come pre-cleaned from a company named Foodliner in Battle Creek.

ADM was last inspected by the AQD on 10/30/07 and was determined to be in compliance at that time with exemption Rule 282(2)(b)(i) for the boiler. Staff asked, and Mr. Pickel stated that the facility does not have any emergency generators or cold cleaners.

Mr. Pickel gave staff a tour of the facility. Required personal protective equipment are steel toe boots, safety glasses, and a hard hat. Staff observations and review of records provided during and following the inspection are summarized below:

Boilers:

Both boilers appear to be exempt from permitting per Rule 282(2)(b)(i) and were observed during the inspection. Information collected from both boilers are listed below. The first boiler observed was the Miura Model LXL-200. This boiler had a certificate showing that the Department of Energy, Labor & Economic Growth (DELEG) inspected this boiler on 11/22/17. This boiler is operated primarily in the summer and helps in the winter when needed. The second boiler was a Cleaver Brooks Model M4P-40000 installed in 1985. This boiler was inspected on 8/8/17 by DELEG. This boiler operates constantly during the winter and is not used during the summer months.

Miura Model LXL-200  
State ID: M403054M  
Serial No: 175431488  
Heat Input Capacity: 7.9 million BTU per hour  
Fuel Type: Natural gas

Cleaver Brooks Model M4P-40000  
State ID: IDR 403053  
Serial No: 40016382  
Heat Input Capacity: 3 million BTU per hour  
Fuel Type: Natural Gas

Silos:

There were two silos that were used for granulated sugar when ADM use to melt down the sugar and transfer it to trucks. This practice has not been utilized in about four years and Mr. Pickel stated that this facility does not plan on utilizing it again as of now. The silos were empty and had recently been re-lined.

At the time of the inspection and based on a review of records obtained during or following the inspection, the facility appears to be in compliance with exemption Rule 282(2)(b)(i). Staff stated to Mr. Pickel that a report of the inspection would be sent to the facility for their records. Staff concluded the inspection at 10:30 A.M. -CJY

NAME Cody Yazzie Cody Yazzie

DATE 12/14/17

SUPERVISOR MA 12/14/2017