

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

U4114191424817

FACILITY: Michigan Turkey Producers CO-OP, Incorporated		SRN / ID: U41141914
LOCATION: 1100 Hall Street, SW, Grand Rapids		DISTRICT: Grand Rapids
CITY: Grand Rapids		COUNTY: KENT
CONTACT: Mike Hart, Maintenance and Engineering Manager		ACTIVITY DATE: 04/01/2014
STAFF: April Lazzaro	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Unannounced, unscheduled inspection.		
RESOLVED COMPLAINTS:		

Staff, April Lazzaro arrived at the facility at 9:00 AM at the appointed time for an unannounced, unscheduled inspection. This is considered unannounced, because the facility didn't know about the inspection until the afternoon of the previous day. The DEQ Environmental Inspections: Rights and Responsibilities brochure had been provided at the Chicago Drive plant on the previous day.

This facility is a turkey meat finishing operation. The raw turkey is seasoned and cooked in one of several ovens. These ovens do not utilize any liquid or wood smoke. The cooked product travels through a deluge of liquid smoke, and is then is packaged or briefly deep fried and packaged. Emissions are expected to be minimal as the liquid smoke is not heated and is used to flavor the surface of the meat.

This facility has two Cleaver Brooks boilers. One was installed in 1996 and is a 8.370 mmBtu/hr natural gas fired unit. One was installed in 2012 and is a 8.16 mmBtu/hr natural gas fired unit. Both are exempt from permitting and NSPS Dc due to size. No further information is required.

The facility also operates a 635 KW or 851 HP diesel fired emergency compression ignition reciprocating internal combustion engine installed in 1999 serial #15340. It is likely subject to the Area Source RICE NESHAP. While this unit may have requirements for reporting to EPA, Michigan does not have delegation and will not regulate this unit. It is otherwise exempt from permitting.

This facility also utilizes CO2 in a 40 ton tank as well as CO2 pellets. These emissions need to be included in a Greenhouse Gas Potential to Emit (GHG PTE) calculation exercise that has been requested from the company. Unfortunately, AQD staff was unable to find information on emissions from the CO2 flakes. It is recommended that the supplier or other industry connections be consulted.

This facility is not expected to be major for GHG but should conduct the PTE calculation to submit to the AQD and for their files.

The facility was in compliance at the time of the inspection.

NAME 

DATE 4-8-14

SUPERVISOR PAB