

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Scheduled Inspection

B870428545

FACILITY: Michigan Turkey Producers Co-Op Inc.		SRN / ID: B8704
LOCATION: 2140 CHICAGO DR, WYOMING		DISTRICT: Grand Rapids
CITY: WYOMING		COUNTY: KENT
CONTACT: Christi Fox, Security Facility Manager		ACTIVITY DATE: 02/11/2015
STAFF: April Lazzaro	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Unannounced, scheduled inspection.		
RESOLVED COMPLAINTS:		

Staff, April Lazzaro arrived at the facility to conduct an unannounced, scheduled inspection and met with Christi Fox, Security Facility Manager. We briefly discussed the DEQ Environmental Inspections: Rights and Responsibilities brochure which she had received at the last inspection. There have been no changes to this brochure. The facility operates five natural gas fired engines pursuant to Opt-out Permit to Install No. 89-14. The facility also entered into Consent Order No. 59-2014. Engines 1-5 are subject to NESHAP Subpart ZZZZ and Engine 5 is subject to NSPS subpart JJJJ.

FACILITY DESCRIPTION

This Michigan Turkey Producers facility is a turkey slaughter and piecing operation. The turkeys come in and are processed for sale in pieces. Much of the turkey processed here goes to the Michigan Turkey Producers facility located at 1100 Hall Street SW, Grand Rapids, MI.

COMPLIANCE EVALUATION

Ms. Fox and I discussed PTI No. 89-14 recordkeeping and learned that all is in order. Specifically I clarified that there is the expectation to have monthly records until the point when 12-months have occurred since permit issuance then the 12-month rolling requirement goes into effect. During record review, it was found that the company had recorded emissions back to January of 2014. We talked about the physical changes to Engines 1-3, which included the addition of a non-resettable hour meter installed by CAT on 9-22-2014 as indicated on the equipment tag. These engines have not been used since the issuance of the permit. The facility is still working out the specifics with Consumers with regard to the former peak-shaving classification. This has no bearing on how the engines will be operated as they are physically locked out and the units require approval prior to being started for any reason. The units have also been locked out from supplying electricity, but removal of the physical connection is one of the things still being worked out with Consumers.

Emergency generator engine 5 was visually observed and hours recorded at 41.1. When Ms. Fox opened the access door to the controls, we smelled gas. Ms. Fox reported this to Steve Young, who stated that they have a hand held monitor they will use to check the status of this unit. We talked about the monthly PM that the facility system prints automatically for the required maintenance of the unit. This meets the limited requirements of NESHAP Subpart ZZZZ and NSPS Subpart JJJJ.

Ms. Fox emailed the requested records promptly (attached) and the records indicate compliance with the recordkeeping requirements and emission limits. The facility has limits of NOx, CO and HAP.

NOx is limited to less than 90 tpy, and current reported emissions are 3.4 tons. CO is limited to less than 90 tpy, and current reported emissions are 2.9 tons. Each individual HAP is limited to less than 9 tpy, and current reported highest HAP is hexane at 0.062 tons. Aggregate HAPs are limited to less than 22.5 tpy, and current reported emissions are 0.065 tons. I totaled up the HAPs by hand, so it is recommended that Michigan Turkey add a column to the spread sheet that automatically totals the aggregate HAPs.

SUMMARY

Michigan Turkey Producers was in compliance with PTI No. 89-14 and Consent Order No. 59-2014 at the time of the inspection.

NAME Paul Anger

DATE 2/19/15

SUPERVISOR PAB