

NOT A U.
Gen

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

U4114085624612

FACILITY: Goodale Enterprises		SRN / ID: U41140856
LOCATION: 0-21 Fennessy Road SW, Grand Rapids		DISTRICT: Grand Rapids
CITY: Grand Rapids		COUNTY: KENT
CONTACT: Pat Goodale, Owner		ACTIVITY DATE: 03/21/2014
STAFF: April Lazzaro	COMPLIANCE STATUS: Compliance	SOURCE CLASS: minor
SUBJECT: Announced, unscheduled inspection.		
RESOLVED COMPLAINTS:		

Staff, April Lazzaro arrived at the facility for an announced, unscheduled inspection that had been arranged by Stafford Dusenbury of the Department of Environmental Quality, Office of Oil, Gas and Minerals as a joint inspection. Only very mild oil type odors were identified off-site prior to the inspection.

We met with Pat Goodale, Owner, who was provided the DEQ Environmental Inspections: Rights and Responsibilities brochure and its contents were briefly discussed. Goodale Enterprises is a Crude Oil Production facility which has five 400 bbl storage tanks that are approximately 20 years old. Each tank has the capacity to be heated by a burner at the bottom which is fired by untreated sweet natural gas.

The crude oil is either pumped on-site from nearby wells, or brought in via truck. The crude oil comes out of the ground naturally containing salt water. Prior to being sold and put into the pipeline Goodale must remove the salt. This is done by heating the tanks and by putting a demulsifier in the crude. The crude has a specific gravity of approximately 36-38 API gravity degrees. Goodale uses a 50-50-10 treat-o-lite product at a ratio of 1 gallon per 100 bbls. The demulsifier is agitated in the tank using blown in air for approximately 5 minutes. The salt water sinks to the bottom of the tank and is removed and pumped into other tanks on-site for temporary storage.

Each of the five tanks is connected by a vapor header, though during the demulsification process some vapors were seen being emitted from the top hatches which are present both for access and to prevent explosion. However, no odors which were of an intensity or duration were generated that would account for the numerous (~50) complaints received by DTE which were attributed to this site.

An initial review indicates that the facility is not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart HH. Subpart HH appears to have an exemption for average throughput of less than 39,700 liters per day. Mr. Goodale indicated that his facility turns over an average of 10-12 tanks per month. This calculates to ~25,089 liters per day. The tanks located on-site appear that they may meet the Rule 284(e).

Staff has provided Mr. Goodale information on how to contact the Clean Air Assistance Program for help in determining whether or not his facility is subject to permitting. During the closing conference, staff presented him with the information, and agreed that he would get back to me with information on his permitting status in one month. I stated that if I had not heard from him, I will be back in contact with a written request.

Mr. Goodale agreed to contact the Clean Air Assistance Program. The facility did appear to be in compliance at the time of the inspection.

NAME April Lazzaro

DATE 3-24-14

SUPERVISOR PMB