

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

N785326739

FACILITY: MUSKEGON DEV CO-KLIMEK/STAWOWY-OIL PROD FAC		SRN / ID: N7853
LOCATION: T19N R4E SECTION 17, STERLING		DISTRICT: Saginaw Bay
CITY: STERLING		COUNTY: ARENAC
CONTACT: Mike Mesbergen ,		ACTIVITY DATE: 09/04/2014
STAFF: Benjamin Witkopp	COMPLIANCE STATUS: Non Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Inspection of crude oil production facility.		
RESOLVED COMPLAINTS:		

Ben Witkopp of the Michigan Department of Environment Air Quality Division (MDEQ-AQD) stopped at Muskegon Development Company's (MDCO) crude oil production facility located just north of Sterling Michigan. The facility was previously permitted, owned, and operated by Northshore Petroleum. The conditions of Permit 273-07 cover the operation. The facility is known as the Klimek, Stawowy, Wojtowicz facility as those are the landowners involved.

The facility consists of tanks, two heater treater operations, and a flare. The oil is produced through the use of pumpjacks and routed to the crude oil production facility. The oil and entrained gas is separated via the heater treaters. The treaters are fueled by sweet gas. The produced gas is then routed to the flare while the oil goes to the tanks.

The flare has a continuously burning pilot flame. A shutdown mechanism is also in place in the event of pilot flame failure. There was essentially no smoke coming from the flare. Murphy switches (pressure sensors) are located at each well to facilitate ceasing pumping actions as a result of the shutdown mechanism being triggered. However, the system was non functional as the Murphy switch at the Klimek was disconnected at the well head. This is a violation of condition 4.5 under FGfacility.

In the past there was a produced gas flow monitor which provided instantaneous reading of flow as well as previous day and monthly flow rates. That unit is no longer in place and has been replaced by a continuously recording chart recorder. However, the chart has to be sent in for integration readings so no additional information can be obtained directly on-site.

On August 29, 2014 records required by permit conditions were requested via e-mail but no response was received. Another request was made on September 4, 2014 but again the records were not forthcoming. The records are to be provided upon request by the Department so the Company is also in violation of conditions 4.8 and 4.9 under FGfacility.

The facility is considered to be in non-compliance and a Violation Notice was sent September 15, 2014.

NAME Ben Witkopp DATE 9-15-14 SUPERVISOR C. Bare