

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

N646539999

FACILITY: CMS Gas Transmission Co. - ST KALKASKA D1-13		SRN / ID: N6465
LOCATION: SEC 13 NW 4 T 27N R 8W KALKASKA TWP, KALKASKA TWP		DISTRICT: Cadillac
CITY: KALKASKA TWP		COUNTY: KALKASKA
CONTACT:		ACTIVITY DATE: 05/10/2017
STAFF: Caryn Owens	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Review of PTI 514-90 under SRN: N2597, which is not in MACES, but the same location as N6465. PTI 514-90 was for an air stripper, and the site has been cleaned up since 2011. Therefore PTI 514-90 can be voided.		
RESOLVED COMPLAINTS:		

On Wednesday, May 10, 2017 Ms. Caryn E. Owens of the DEQ-AQD and Mr. Jeremy Howe of AQD conducted an self initiated inspection of the CMS Energy – State Kalkaska D1-13 facility (SRN: N2597, which is the same SRN as N6465 for CMS-Kalkaska D1-13). The site is located in the northwest quarter of Section 13, Township 27 North, Range 8 West in Kalkaska Township, Kalkaska County, Michigan. More specifically, the facility was located on the east side of Smith Lake Road, approximately 2/3 mile north of the Island Lake Road and Smith Lake Road intersection. The field inspection was to determine compliance with the Permit to Install (PTI) 514-90.

#### Source Description

The State Kalkaska D1-13 facility is a natural gas processing facility that draws oil and gas from the Niagaran formation. The site consists of: a glycol dehydrator system on the western portion of the site; a blowdown tank; process heater; two above ground storage tanks on the southeastern portion of the facility, and a small V6 compressor engine inside the building on the northern portion of the site. PTI 514-90 was issued to operate an air stripper system to remediate contaminated soil and groundwater observed during a hydrogeologic investigation back in 1986. The impacted soil and groundwater was from a release of the glycol dehydrator drip barrel.

#### On-site Inspection:

DEQ was unaccompanied during the field inspection. The weather conditions were partly cloudy with calm winds from the southwest, and approximately 70 degrees Fahrenheit. A slight petroleum odor was observed on the western portion of the site in the area of the glycol dehydrator, but it was not considered a nuisance odor.

AQD recently completed an inspection of this facility on February 10, 2016, for PTI 150-98, which is under SRN: N6465. During that inspection the site was covered in snow. Please refer to the February 10, 2016 field conditions of the compressor engine and equipment covered under PTI 150-98.

During AQD's visit on May 10, 2017, AQD did not observe monitoring wells or an air stripper remediation system. Upon discussions with DEQ-Oil, Gas, and Minerals Division (OGMD) staff, the remediation system was closed in 2011. A letter from Robert Versical, DEQ-OGMD indicated he agreed that the contamination was cleaned up below relevant Part 201 generic residential cleanup criteria, and no further response was necessary associated with the impacted soils and groundwater from the 1986 dehydrator drip barrel release. The site began proper abandonment of the monitoring wells and remedial system. A site map containing the location of the remediation system wells, and the closure letter are attached.

Based on the information reviewed, the remediation system is no longer active, and PTI 514-90 can be voided.

NAME Caryn Owens DATE 5/10/17 SUPERVISOR JH