

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Site Review

P056227878


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| FACILITY: WHITING OIL & GAS CORP - STATE MARION & RIVERS | | SRN / ID: P0562 |
| LOCATION: SW 1/4 of NE/4, Section 36, T21N R7W, RENO TWP | | DISTRICT: Cadillac |
| CITY: RENO TWP | | COUNTY: IOSCO |
| CONTACT: | | ACTIVITY DATE: 11/26/2014 |
| STAFF: Kurt Childs | COMPLIANCE STATUS: | SOURCE CLASS: |
| SUBJECT: PTI Application 172-14 site review. | | |
| RESOLVED COMPLAINTS: | | |

AQD received PTI application 172-14 on 10/29/14 for Whiting Oil and Gas Corporation, State Marion and Riverside 14-36. This is a oil and gas central processing facility (CPF). The permit application is after the fact as the facility is already in place and operating. On 11/26/14 I inspected the site.

The CPF is located in a rural area on what appears to be private property in the middle of a corn field. The site is in a low area bordering a creek and surrounded by farms there are several homes nearby (within 1/4 mile). The site and equipment appear to have been relatively recently installed. The equipment on site matches that identified in the permit to install application. This includes four tanks, a GPU Heater, a Heater Treater, Glycol Dehydrator, and Compressor Engine.

At the time of the inspection the process was operating. Vapors were being emitted from the glycol dehydrator vent (from the accumulator tank) as well as from the relief valve on the top of the dehy still column the odors were not very strong. There did not appear to be a flash tank or condenser associated with the dehy, only a drip tank. The compressor engine was also operating and was running at 1102 rpm. The engine is a Waukesha model F-1197-G in-line 6 cylinder engine with serial number 126022 according to nameplate data. There was no catalytic converter on the exhaust stack. According to the application the engine is rated at 1.44 MMBtu and Whiting Oil and Gas Corporation have identified this unit as exempt from PTI per Rule 285(g). The engine is subject to ~~the~~ Subpart ZZZZ for area sources.

The location does seem to pose some potential for nuisance odors but strong odors were not detected during the inspection and the facility has been operating at this location without generating any complaints so far. Therefore the site location is acceptable, the PTI application is still under review at this time.

NAME  DATE 11-26-14 SUPERVISOR 