

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

N614142312

FACILITY: Riverside Energy Michigan, LLC - Chester 22		SRN / ID: N6141
LOCATION: NE4 SW4 SEC 22 T29N R2W, CHESTER TWP		DISTRICT: Cadillac
CITY: CHESTER TWP		COUNTY: OTSEGO
CONTACT: Natalie Schrader , Technical Assistant		ACTIVITY DATE: 11/02/2017
STAFF: Kurt Childs	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: 2018 FCE.		
RESOLVED COMPLAINTS:		

**2018 FCE, site inspection and records review.**

Nine SRW, Inc. facilities were purchased by Riverside Energy Michigan on June 1, 2017. Seven of those facilities have SRN's and are under the AQD's purview. The Chester 22 (SRN N6141) is one of these and operates under PTI (699-96) with respect to air pollution regulations.

At the time of the inspection there was light rain, 5 mph winds from the South and the temperature was 43 degrees. Equipment observed on site included two tanks, two iron sponge units, one glycol dehydrator and two engines, one of which was not running and had plastic over the exhaust stack.

No visible emissions were observed from the operating engine stack. Neither engine is equipped with an emission control device. The engine information is as follows:

	Make	ID	RPM	Oil Pressure
Engine 1	Caterpillar	GCS910	900	65 psi
Engine 2	Caterpillar	GCS1118	Not operating	Not operating

Odors from the glycol dehydrator were mild. There are two iron sponges on site. The iron sponges remove H<sub>2</sub>S from the gas before the gas enters the CPF for processing. The AQD does not require a permit for the iron sponges.

SC 13. limits emissions of CO, VOC and NO<sub>x</sub> each to 89 tons per year. Records provided following the inspection indicate actual emissions were 9.74, 2.82, and 12.68 tons respectively for the most recent 12 month rolling time period.

SC 14. limits HAP emissions to 9 tpy for a single HAP and 22.5 tpy for all HAPs. The records show zero HAPs emissions for this period.

SC 15. Records of NO<sub>x</sub>, CO, VOC and HAP emissions are kept and made available to the AQD.

SC 16. Monthly fuel consumption records were provided; there is not a permit limit on fuel consumption. The facility does not process crude, condensate, or truck hydrocarbon liquids. Glycol circulation records are kept.

SC 17. Records of monthly gas processed are kept. See attached records.

SC 18. MAERS is reported annually. The 2016 MAERS reported Engine 1 emissions as follows: CO 7 tons, NO<sub>x</sub> 11.7 tons, VOC 2.4 tons.

SC 19. Records of equipment maintenance were provided. They included routine repairs and other repairs that are not likely to generate significant air emissions.

SC 20. The facility does not process crude or condensate, this is an Antrim facility.

SC 21. The engines do not have emission control devices, so this condition to track bypass of the control device is not applicable.

SC 22. The facility is not subject to 40 CFR Part 60 Subpart KKK as gas is not fractionated here.

SC 23. AQD has not requested emissions testing.

As a result of this Full Compliance Evaluation, the Chester 22 CPF appears to be in compliance with PTI 699-96 and the Air Pollution Control Regulations.

NAME 

DATE 11-9-17

SUPERVISOR 