

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

N614123961

FACILITY: SRW INC - S CHESTER 22		SRN / ID: N6141
LOCATION: NE4 SW4 SEC 22 T29N R2W, CHESTER TWP		DISTRICT: Gaylord
CITY: CHESTER TWP		COUNTY: OTSEGO
CONTACT: John Stegman , Field Superintendent		ACTIVITY DATE: 10/30/2013
STAFF: Gloria Torello	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: 2014 Fiscal Year FCE.		
RESOLVED COMPLAINTS:		

2014 Fiscal year FCE.

Directions to Facility: From Old 27, east on Old State Road to Lovells Road south, drive 1.6 miles south. Facility is on the right/west side at the intersection.

At this SRW, Inc. central production facility (CPF) located in Otsego County, gas and brine fluids are extracted from wells drilled into producing reservoirs. The fluids are transmitted through flow lines to the CPF. At the CPF, if water is present in the gas, it is separated and stored in tank batteries with fixed roofs. Saturated vapor is removed by glycol dehydration. The gas is compressed by internal combustion driven compressor engines fueled by natural gas.

PTI 699-96 is a MOGA permit from the mid-1990s. MAERS 2012 included one rich burn CAT 398TA engine, one low emission CAT3512LE engine, and one glycol dehydrator. No malfunction abatement plan is required because neither engine has control.

During the October 30, 2013 site inspection, Gloria Torello of AQD met Mr. Randy Booth of SRW, Inc. The facility was operating. No visible emissions were observed from the engine stacks. Odors from the glycol dehydrator were just barely noticeable. There are two iron sponges on site. The iron sponges remove H₂S from the gas before the gas enters the CPF. The AQD does not require a permit for the iron sponges. The site is tidy.

The 2012 MAERS claimed source wide emissions as follows: CO 8.5 tons, NO_x 84.6 tons. The records provided show the CO and NO_x 12-month rolling emissions below the limits in the **PTI special condition (SC) 13** of 89 tons of CO and NO_x.

The records show zero HAPs emissions. SC14 permits ⁹tpy for a single HAP and <25 tpy for all HAPs.

SC 15. Records of NO_x, CO, VOC and HAPs 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 the record ID'd as Chester 22 FUEL, Gas.

SC 18. MAERS is reported annually. The 2012 MAERS claimed source wide emissions as follows: CO 8.5 tons, NOx 84.6 tons. The records provided show the CO and NOx 12-month rolling emissions below the limits in the PTI special condition (SC) 13 of 89 tons of CO and NOx.

SC 19. The site is maintained.

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

SC 21. The engines do not have control, so this condition to track bypass of the events 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 testing.

NAME Glenn J. Kelly

DATE 12-19-13

SUPERVISOR 