

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

P008645827

FACILITY: Pete J Bontekoe		SRN / ID: P0086
LOCATION: 22683 20th Ave, MARION		DISTRICT: Cadillac
CITY: MARION		COUNTY: OSCEOLA
CONTACT: Doug Bontekoe , Owner		ACTIVITY DATE: 08/29/2018
STAFF: Rob Dickman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled inspection of this minor source.		
RESOLVED COMPLAINTS:		

Inspected this anhydrous ammonia tank per General Permit to Install Number 68-10. My contact for this inspection was owner Doug Bontekoe. This tank has a capacity of 17,000 gallons of anhydrous ammonia used for agricultural purposes. At the time of the inspection, it had not been filled in the last 12 months and was approximately 30% full. Mr. Bontekoe is currently considering utilizing the tank for other purposes as the liability and costs associated with anhydrous ammonia have made it's use less attractive.

The tank and corresponding piping appeared in good shape with no indications of leaks or failures. An inspection and maintenance program per Appendix A of the permit is to be employed for this tank. While a written checklist was not available, the tank appeared in compliance with most of the items listed in Appendix A. On site, Mr. Bontekoe indicated that the tank was inspected at least when it is filled and when filling nurse and applicator tanks. He explained in detail all of the different items that were inspected prior to these activities.

Offsets regarding placement of the tank and storage of nurse and applicator tanks appear to be correct. Nurse tank filling is only done from the stationary tank. Mr. Bontekoe indicated that when the fixed tank is filled, it is never past 85% of tank capacity as listed in the permit. This was also true with nurse and applicator tanks.

All lines and valves for the tank are contained to a small area at the east end of the tank. This area is surrounded with pillars to protect it from heavy equipment collisions. The tank appears properly signed. Vapor return lines were installed on the tank and appeared in good condition. No nitrogen stabilizers are used when this tank is filled. The tank is also equipped with safety relief valves, check valves, and shutoff valves for safety. These valves and the flexible lines associated with them are date stamped on the date of manufacture. The flexible lines are less than five years old. A water trap of sufficient size is also located near the fill area.

Mr. Bontekoe is required to report any abnormal release of ammonia to the State Pollution Emergency Alert System (PEAS) line and the AQD District Supervisor. He indicated there have been no malfunctions causing an abnormal release. He is also supposed to review and keep records of the date of review of the emergency response plan for the tank with local fire officials. Mr. Bontekoe indicated there were no records of the date but he explained what the emergency response plan was for the tank and indicated he had spoken several times with the local fire chief regarding it.

This tank is currently used sparingly and may soon be repurposed. I provided Mr. Bontekoe with information on exemptions of containers and how to void his general permit should he decide to use the tank in an exempt fashion. However, I strongly encouraged Mr. Bontekoe to review the current permit for this tank and make sure any deficiencies are corrected moving forward. A few minor recordkeeping violations were noted during the inspection. A violation notice for these minor items is not recommended at this time. Should the tank not be repurposed, a follow up inspection in 2019 is recommended.

NAME 

DATE 08/30/18

SUPERVISOR 