

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

M186026463

FACILITY: FARMERS CO OP GRAIN CO		SRN / ID: M1860
LOCATION: 338 MAIN, KINDE		DISTRICT: Saginaw Bay
CITY: KINDE		COUNTY: HURON
CONTACT: Lenny Fisher , General Manager		ACTIVITY DATE: 06/10/2014
STAFF: Richard Osentoski	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: April 2nd Initial & June 10, 2014 follow-up anhydrous ammonia compliance inspection. Note: I found that early April inspection is too early in years with a late spring, application/storage equipment has not inspected/repared. Training has not been conducted and records updated.		
RESOLVED COMPLAINTS:		

On April 2, 2014 Rich Osentoski from Saginaw Bay District (AQD) performed a self-initiated inspection of Farmers Coop Grain Co. located at 338 Main Street, Kinde, MI 48445, facility SRN is M1860 (B7834 has been voided) with PTI #33-81. Upon 9:00 AM arrival at the facility, R. Osentoski met with (General Manager) Lenny Fisher and (Anhydrous Plant Supervisor) Ricky Rice. DEQ ENVIRONMENTAL INSPECTION Brochures were provided, inspection process; rights/responsibilities were explained and discussed.

Required signage was posted at facility entrance with required emergency phone numbers for facility contact, local & state police, local fire department and ambulance service.

Following greetings and introductions AQD Staff reviewed required records in the office meeting room. General Permit M1860, PTI #33-81 is currently not available onsite for review. Risk Management Plan (RMP) is current for 2013, is in the process of being updated with fire department, police and other emergency responders for year 2014. Anhydrous Ammonia safety meeting is conducted annually in the spring for employees associated with the facility. Topics covered are safe operation of the facility, emergency shutoff controls, water tank maintenance and locations, correct/safe operating procedures when transferring product from delivery trucks to storage tanks and from storage tanks to nurse tanks. Previous 2013 records found to be incomplete, 2014 safety training records will be updated after training provided.

3 ring binders and folders are used to maintain records for the anhydrous ammonia storage and nurse tanks, associated components and devices. Appendix A checklist is used to record inspection of storage tank and associated components/devices. Other records reviewed show manufacture or recertification dates of hoses, safety and pressure relief valves for storage and nurse tanks. The 23 nurse tank pressure relief and pop off valves were in compliance for the 2013 season. Storage tank(s) pressure relief valves are in compliance for 2014 season.

AQD staff accompanied Plant Manager Ricky Rice to location of 18,000 gallon (water capacity) anhydrous ammonia storage tank with nurse tank loading site located south of office. Loading riser is sited east side of and parallel with the storage tank. Mechanical cable system is attached to emergency shutoff valve, can be activated from various remote locations around the storage tanks including product receiving station. Ricky pointed out locations of where 150 gal safety water tank and bleed off water barrel when brought from storage in preparation for application season. Staff observed guard rails positioned to protect above ground pumping equipment and other devices used to fill storage and nurse tanks. Industrial Propane Service, Inc. (IPS) of Byron MI is contracted to service all of the anhydrous equipment as needed.

The (23) 1,000 gal nurse tanks are maintained for customers to transport and apply anhydrous ammonia to their corn & sugar beet crops. Application tool bars and hoses are owned and maintained by customers. The nurse tanks and wagons are inspected and maintenance performed each spring as the wagons are pulled from storage. The wagons and nurse tanks are also inspected prior to leaving facility with each new load of product during application season, inspection results are recorded.

The facility reports no malfunction or spill event with release to the atmosphere during years owned and operated by Farmers Coop Grain Co., theft of anhydrous ammonia has not occurred. The facility is located at the eastern edge of Kinde Village Limits. The facility is well lite at night, entrance gates are locked when facility is closed; police do occasional checks for suspicious activity when business is closed.

Compliance issues discussed with Mr. Fisher are as follows: Copy of Permit 33-81 is not available for review onsite, update of RMP must be completed, employee safety training must be completed and records updated. Storage tank/nurse tanks must inspected/repaired/as needed to be ready for 2014 application season. Follow-up inspection will be conducted first part of June to assure full compliance.

On June 10, 2014: Follow-up inspection was conducted by Saginaw Bay (AQD). R. Osentoski met with Facility Manager Lenny Fisher at 11am to confirm compliance. Current copy of Permit 33-81 is currently maintained in the office, Risk Management Plan has been updated for year 2014. Employee safety training has been conducted and required records updated. The records were confirmed to be current and up to date. The records are to be maintained for five years and made available to MDEQ-AQD upon request for review.

Anhydrous Ammonia Plant Manager Ricky Rice said the storage tank has been inspected/maintenance concluded and filled with product, Appendix A Inspection & Maintenance checklist is current for 2014. Rich observed all components/devices are painted and labeled as required, found hoses and safety valves on riser to be in compliance, 150 gal emergency water tank and 55 gal bleed off water tank were observed positioned and filled with water as required. As the 23 nurse tanks were removed from storage each running gear was inspected/serviced as required. Hoses and safety valves were checked for compliance dates, components were replaced as needed. All records were updated, are in full compliance, available in business office for review.

The anhydrous ammonia facility is well maintained. Required records are now up to date, are maintained in separate notebooks in main office along with General Operating Permit. AQD Staff pointed out records need to be current and retained for 5 years, has determined this Farmers Coop Grain Co. Kinde, MI anhydrous ammonia facility to be in full compliance. Farmers Coop Grain Co. General Manager Len Fisher is to receive a copy of this report, his Cell: (989) 553-5239. Facility E-mail: kindecoop@certurytel.net RFO, 7/2/2014

NAME Richard Osentoski

DATE 8/18/14

SUPERVISOR C. Nave