

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

N776525868

FACILITY: REDMAN ENTERPRISE INC		SRN / ID: N7765
LOCATION: 00890 PLEASANT VALLEY, BOYNE CITY		DISTRICT: Gaylord
CITY: BOYNE CITY		COUNTY: CHARLEVOIX
CONTACT:		ACTIVITY DATE: 07/08/2014
STAFF: Kurt Childs	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Compliance Inspection, PTI 53-07.		
RESOLVED COMPLAINTS:		

Permit to Install (PTI) 53-07 is for a tub grinder used to process scrap drywall that is then used agriculturally as a soil amendment. The PTI was issued on April 13, 2007 after a public hearing had been conducted. The PTI includes requirements that there be no visible emissions, no outside drywall storage piles, spray mist must be operated when the tub grinder is operated, operation within enclosure building only, and no discharge of exhaust gases to ambient air.


I met with Mr. Bill Redman, Owner of Redman Enterprise, a company primarily involved in the installation of drywall. I introduced myself, stated the purpose of the inspection, and provided a copy of the environmental inspections brochure. At the time of the inspection the tub grinder was located outside the pole barn that had been built to house the process. The tub grinder is a portable unit that includes a small diesel engine, a rotating tub with grinding apparatus in the bottom, and a discharge conveyor.

The pole barn has two large door openings on the south side and a smaller opening on the northeast corner. The large door openings had the remnants of blue tarps hanging from the top. The pole barn was filled with scrap drywall. There is a water line running on the rafters of the building to a sprinkler head that was located directly over the tub grinder when it was in use. The PTI seems to only address fugitive emissions from the tub grinder, so presumably exhaust from the engine could be routed outside the enclosure.

Mr. Redman stated that the tub grinder had not been used in 4 - 5 years. He said the water spray did not work and resulted in the bottom of the grinder rusting out. He has had it repaired including the installation of a smaller screen size but has not operated it since the repair. It did not appear that the tub grinder had been operated outside, there was no dust or debris outside the grinder and no drywall residue in the grinder. There were not any drywall storage piles outside the pole barn. Redman Enterprise is currently disposing of scrap drywall using a large roll-off box that is transported to Waters landfill.

I discussed the permit requirements with Mr. Redman and stated that he would need to operate the tub grinder in the enclosure with a spray mist if he wanted to resume operation under this PTI. We also discussed changing the water spray so that it captured dust emissions outside the grinder without running water into the equipment. Mr. Redman thought he could do this using a cover above the grinder and spraying mist around the outside. He was not sure if he still had a copy of the PTI so I sent him one following the inspection.

Since the tub grinder has not been used in several years and there is no indication it has been used outside the enclosure it appears Redman Enterprise is in compliance with PTI 53-07 at this time.

NAME  DATE 7-9-14 SUPERVISOR 