

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

F915855135

FACILITY: FENDT BUILDER'S SUPPLY INC		SRN / ID: F9158
LOCATION: 22005 GILL RD, FARMINGTON		DISTRICT: Warren
CITY: FARMINGTON		COUNTY: OAKLAND
CONTACT: Alan Fendt , President		ACTIVITY DATE: 08/28/2020
STAFF: Robert Elmouchi	COMPLIANCE STATUS: Non Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled inspection.		
RESOLVED COMPLAINTS:		

On August 28, 2020, I conducted a scheduled inspection of Fendt Builder's Supply (Fendt), **SRN: F9158**, located at 22005 Gill Road, Farmington Hills, Michigan. The purpose of this inspection was to determine the facility's compliance with the requirements of the Federal Clean Air Act; Article II, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the administrative rules; and Permit to Install (PTI) No. 244-98A.

Fendt Builders Supply manufacturers block, paver, and wall stone products for home or business, and concrete masonry units. They receive sand, gravel, and three types of cement which are stored in silos. Fendt uses a batch process in which they mix, compress, and cure. They also package, store, and deliver products. Some items, such as play sand, are received and sold in bags. Fendt stores five different types of sand. The different types are mason sand, play sand, mortar sand, silica sand, and polymeric sand.

PTI No. 244-98A was approved on January 16, 2020. This permit increased the number of allowed storage piles and added two process boilers.

I arrived on-site and met with Alan Fendt, President; Steve Fendt, IT Manager; Ron Haller, Facilities Manager; Jeremy Kreft, Plant Manager; and Bruce Bawkon; ASTI Environmental, Director of the Industrial Compliance Group.

Cement shipments are received pneumatically. Three types of cement are used by Fendt; fly ash/slag type 3, type 1 white cement, and standard type 3 gray cement. The unloading pneumatic pressure is limited to a maximum of 14 PSI per Fendt's work procedure. The delivery driver controls the air pressure, but it is routinely monitored by a Fendt employee because they do want to prevent adversely impacting neighbors. If a leak in the pneumatic system is discovered during a receipt of cement, water is used to by the cement at the point of leakage which immediately stops any temporary leak. Fendt's procedure appears to be effective because the AQD has not received a fallout complaint regarding Fendt. I also did not observe significant track out onto Gill Road.

During this inspection, I observed that a new penthouse had been constructed over the two aggregate silos, which have two compartments each for a total of four compartments. One baghouse controls emissions from EUSILO3 and EUSILO6.

Fendt provided a copy of the malfunction abatement plan (MAP), which I reviewed. Bruce Bawkon made changes to the MAP per my requests. I review the corrected MAP and determined that it appeared to meet the requirements of FGSILOS III.4 and R 336.1911.

Per PTI No. 244-96A, FGSILOS III.4, this MAP was due within 60 days after permit issuance, which was March 16, 2020. The AQD approved Fendt's MAP on September 8, 2020. The permittee has resolved this issue but remains in non-compliance with one other permit condition that will be cited in a pending violation notice. Since the MAP has been approved, I shall apply enforcement discretion and only cite the remaining unresolved non-compliance.

EUSTOCKPILES, III.1 allows ten outside storage piles. I observed nine outside storage piles, which appears to indicate compliance with this permit condition.

Fendt uses calcium chloride and water applications to control dust in their yard.

FGBOILERS permits the operation of two natural gas-fired boilers. Fendt has removed one boiler since the

permit was approved. I observed one Cleaver Brooks boiler, model number CB700-60. This boiler is rated at 2,511,000 BTU per hour heat input. I observed that the exhaust gases from SVBOILERS were obstructed by a conical rain cap. specifies that the exhaust gasses shall be discharged unobstructed vertically upwards to the ambient air. This non-compliance shall be cited in a violation notice.

CONCLUSION

Fendt Builder's Supply appears to be in violation of PTI No. 244-98A, VIII Stack/Vent Restrictions because the exhaust gases from SVBOILERS are obstructed by a conical rain cap. The permit specifies that the exhaust gasses shall be discharged unobstructed vertically upwards to the ambient air. A violation notice will be issued for this noncompliance.

NAME Robert Umarchi

DATE September 22, 2020 SUPERVISOR Joyce ZH