

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

N597635634

FACILITY: Fisher Construction Aggregates		SRN / ID: N5976
LOCATION: 900 S. Bradley Street, MOUNT PLEASNT		DISTRICT: Saginaw Bay
CITY: MOUNT PLEASNT		COUNTY: ISABELLA
CONTACT: Dean Gatehouse , Superintendent		ACTIVITY DATE: 07/14/2016
STAFF: Sharon LeBlanc	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: scheduled site inspection for portable crusher at Mannsiding Pit, Clare County MI		
RESOLVED COMPLAINTS:		

On Thursday, July 14, 2016, AQD District Staff arrived onsite to conduct a scheduled site inspection for Fisher Construction Aggregates, Portable Crusher (N5976) located at 1540 Clare Ave. Harrison, Michigan Facility . Site inspection activities were conducted with the intent of confirming operational status as well as compliance with the referenced permit. Mr. Dean Gatehouse, Superintendent answered questions regarding the permitted equipment.

FACILITY DESCRIPTION

Located at 1540 Clare Ave (Old U.S. 27), Harrison, Clare County, Michigan, the facility consists of over 100 acres of active sand and gravel operations. The property is bounded on the west side by U.S. Hwy 127, and to the east across Clare Avenue by Mid Michigan Community College. The property is bounded to the north and south by small tracts of residential and undeveloped properties.

EQUIPMENT

Equipment permitted under General PTI 79-12 includes the following components:

- Cone Crusher No. 4503
- Conveyor No.s 4481, 4492, 4502, 4512, 4513, 4533,4542, 4543, 4544,4545, 4546 and 5636
- Feed Hopper No. 4528
- Screen No. 4455, 5636
- Stacker No. 4540 and 5632
- Screw No. 5639
- Screen No. 4901

Should equipment components of the plant be added or replaces with components not presently permitted, the a permit modification is required under Special Conditions (SC) 1.8). The plant will be evaluated to determine if a permit modification is required when it goes into operation.

The permitted facility has been determined to have one or more pieces of equipment subject to the Federal New Source Performance Standards (NSPS), Subpart OOO, for Nonmetallic Mineral Processing Plants.

COMPLIANCE HISTORY

The crusher plant was originally permitted under Permit to Install (PTI) 291-96, approved on October 23, 1996. The equipment was re-permitted under General PTI 79-12, approved on June 8, 2012. Other equipment associated with the physical address (AKA Mannsiding Pit) is operated as a "wash plant", which is exempt from permitting.

The last site inspection was conducted on June 18, 2010. At that time the equipment had been not operated for the past few years due to required repairs, and a compliance determination could not be made. More recent repermitting was done in anticipation of a shortage of aggregate/recycled aggregate materials for the following season.

No complaints are of record for the facility since the last site inspection. Annual emissions reports have

not been submitted by the facility since 2001, when the facility was removed from the annual MAERS "mailing list" due to extended inactivity. Should the equipment start up again, emissions reporting will be required.

COMPLIANCE EVALUATION

At the time of the inspection, the equipment was not operable due to required repairs. No compliance evaluation with respect to the effectiveness of the wet suppression can be made (SC 1.2(a) through (j) and SC1.7).

Material Use -

As indicated above, the permitted equipment has not been in operation since apx. 2001. Therefore it meets the material processing limits of <2 million tons of any non-metallic mineral per year per site (SC 1.3) Since the plant has not been in operation, there are no production records at this time (SC1.9).

SC 1.5 restricts the plant from crushing asbestos tailings and/or asbestos containing waste materials. The Plant Superintendent reports that none of their plants crush the restricted materials.

Fugitive Dust -

SC 1.6 required that the facility has implemented and maintains a continuous program for fugitive dust for all facility roadways, storage piles, the yard and material handling operations as specified in Appendix A of the permit. As the plant has yet to be operated, the implementation is not yet required. The facility does report conducting dust control activities onsite. No dust issues were noted during the site inspection, despite the dry conditions and the truck traffic.

NSPS VE Testing -

With respect to NSPS VE Testing (SC 1.18) , the permit application indicates that testing is not required for three pieces of wet equipment (No.s 5634, 4901 and 4546). All other pieces of equipment with the exception of conveyor no.s 4542 and 4492 were reported to have been tested on either September 23, 1996, September 17, 2010.

Conveyor no.s 4542, 4492, are identified in the permit application as end points and not subject to the NSPS required testing. However, it is the inspectors understanding that this exemption is allowed only for stackers used as endpoints. There have been instances where stackers and conveyors have been used interchangeably. If this occurs, then confirmation of testing will be necessary. :

Equipment labeling (SC 1.11) was not confirmed during the site inspection, since the plant was not operable, and may modify it's layout when it starts operation.

Reporting -

Reporting requirements associated with the General PTI for the facility include notification of startup and relocation. As the plant remains inoperable, the requirement for notification within 15-days of start up (SC 1.10) is not applicable at this time. The permitted plant has not been relocated since permitting, therefore the relocation notification requirement is not applicable at this time (SC 1.13).

SUMMARY

On Thursday, July 14, 2016, AQD District Staff arrived onsite to conduct a scheduled site inspection for Fisher Construction Aggregates, Portable Crusher (N5976) located at 1540 Clare Ave. Harrison, Michigan Facility . Site inspection activities were conducted with the intent of confirming operational status as well as compliance with the referenced permit. Mr. Dean Gatehouse, Superintendent answered questions regarding the permitted equipment.

Upon arrival it was noted that the permitted equipment was not in operation and appears to have been permitted in anticipation of future demand in product. As the equipment is not operating, a complete compliance evaluation was not able to be completed at this time. Should the plant be repaired and put in operation yet this season, an additional site visit will be conducted to better determine compliance with the General PTI for the plant.

NAME Sharon LetourneauDATE 7/20/2016SUPERVISOR C. Alse