

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

P080640233

FACILITY: Fisher Construction Aggregates		SRN / ID: P0806
LOCATION: 900 S. Bradley Street, MOUNT PLEASNT		DISTRICT: Saginaw Bay
CITY: MOUNT PLEASNT		COUNTY: ISABELLA
CONTACT:		ACTIVITY DATE: 06/15/2017
STAFF: Sharon LeBlanc	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Initial site inspection for newly permitted equipment. General Permit No. 49.17. sgl		
RESOLVED COMPLAINTS:		

On Thursday, June 15, 2017, AQD District Staff conducted a self-initiated site inspection for a Fisher Construction Aggregates portable crushing plant (P0806) relocated to the Mt. Pleasant Central Asphalt Facility, Mt. Pleasant, Michigan. The referenced equipment was permitted under General Permit No. 49-17 on March 28, 2017. The intention of the site visit/inspection was to verify compliance with the permit conditions.

A relocation notice for the plant was received by the Saginaw Bay District Office on June 2, 2017. (SC 1.13) The facility was to be at the Mt. Pleasant Central Asphalt Facility, on Thursday, June 15, 2017. The notification was in compliance with permit requirements.

MATERIAL LIMITS -

Per permit, restrictions, the facility is limited to no more than 2 million tons of any non-metallic minerals per year per site (SC 1.3). Per the relocation notice, the facility will be processing well below the limit for the present location. The plant operator maintains written logs of daily production (SC 1.9), the information of which is provided to the main office at various points thru out the season. A review of records indicated that the plant has been operating since early May, and that production recorded for the month of May is well below the permit limit. Annual production is reported as part of the Michigan Air Emissions Reporting (MAERs) program.

At the time of the inspection, the plant (FGCRUSHING) was to be used to crush RAP for use at the Mt. Pleasant Central Asphalt Plant. (SC1.3)

EMISSIONS -

SC 1.6 requires the permittee to implement the program for continuous fugitive emission control specified in Appendix A. At the time of the inspection, the equipment was hooked up to a truck mounted water tank to address fugitives from the crushing activities. In addition, the roadways and aggregate piles are under the Asphalt Plant Fugitive dust plan. Some of the roadways are paved, those that are not are wetted. Drop heights are minimized where possible. Recent rains have aided in controlling dust.

District Staff confirmed that each crusher and screen were equipped with a water spray (SC 1.7). No baghouse is used to control dust at the plant.

At the time of permitting, VE testing had not been conducted for the majority of the equipment associated with the plant. Per SC1.8 the General Permit, the facility is allowed 180 days from initiation of operation to complete the required testing. VE testing was scheduled for the week of June 5th, 2017. A copy of the documentation has not yet been received by the District.

Compliance with Visible Emission Limits (SC 1.2 a -j) for the portable plant (FGCRUSHING) could not be completed at the time of the site inspection, because the plant was in the process of completing setup.

EQUIPMENT -

In addition to the equipment requirements previously referenced, the permittee is required to label all equipment associated with FGCRUSHING within 45 days of initial startup.(SC 1.11) At the time of the site visit, the screening and crushing equipment were clearly labeled. However, the conveyors and stackers had not yet been labeled. The onsite operator stated the materials were onsite, and that once the electrical had been completed that they would complete the labeling activities. It appears that based

on a May initiation of operation, that the facility is at or near the 45 day window. The inspector requested notification when the labeling activities were completed.

SUMMARY -

On Thursday, June 15, 2017, AQD District Staff conducted a self-initiated site inspection for a Fisher Construction Aggregates portable crushing plant (P0806) relocated to the Mt. Pleasant Central Asphalt Facility, Mt. Pleasant, Michigan. The referenced equipment was permitted under General Permit No. 49-17 on March 28, 2017. The intention of the site visit/inspection was to verify compliance with the permit conditions.

Based on information obtained during the site inspection it appears that FGCRUSHING is being operated in general compliance with their permit. sgl

NAME Sharon LeBlanc

DATE 6/15/17

SUPERVISOR C. Hall