

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

B246535627

FACILITY: FISHER SAND AND GRAVEL CO		SRN / ID: B2465
LOCATION: 921 JEFFERSON ST PO BOX 1271, MIDLAND		DISTRICT: Saginaw Bay
CITY: MIDLAND		COUNTY: MIDLAND
CONTACT:		ACTIVITY DATE: 07/20/2016
STAFF: Sharon LeBlanc	COMPLIANCE STATUS: Non Compliance	SOURCE CLASS: MINOR
SUBJECT: scheduled inspection for a 1940's plant with permitted baghouse. Compliance violations to be corrected by end of month.		
RESOLVED COMPLAINTS:		

On Wednesday, July 20, 2016, AQD District Staff arrived onsite to conduct a scheduled, site inspection for Fisher Sand and Gravel Company Concrete Batch Plant (B2465). The facility is located at 921 S. Jefferson Avenue, Midland, Michigan.

The facility is operating under one active Permit to Install (PTI) 140-80 approved on June 25, 1980. Site inspection was conducted with the intent of confirming operational status as well as compliance with the referenced permit.

The facility was operating upon arrival with trucks being loaded, as well as washing out onsite. The inspection was conducted with Jerry Longstreth, General Manager.

FACILITY DESCRIPTION

Fisher Sand & Gravel Company was started in the mid-1920's supplying sand and gravel and in the early 1940's expanded into ready mix concrete.

The subject site is located at 921 South Jefferson Avenue, Midland, Michigan, The property consists of the batch plant proper, a single story office building, repair garage, as well as paved parking, loading, material storage areas and concrete mixer and truck parking areas. The property is bounded on all sides by a mix of residential and commercial/industrial properties. (see maps). Based on information from the fisher Sand and Gravel website, the facility property was purchased in 1947 from Dow Chemical.

The subject site is not required to report MAERS.

COMPLIANCE HISTORY

No records of complaints for the facility are of record in District Files. Mr. Longstreth reported that complaints received by the facility have been limited to complaints related to dust from truck traffic. He reported that they use brine, water and a sweeper to control the dust, and are sensitive to the fact that they are in a mixed commercial-residential neighborhood.

The last site inspection of record in district files was conducted by district staff on June 25, 2010. No copy of a fugitive dust plan was located in District Files at the time of the 2010 inspection, though one was documented in the September 25, 1995, site inspection report on file. A copy of the plan was provided by the company shortly after the 2010 inspection and is on file with the district office.

COMPLIANCE EVALUATION

PTI 140-80 was issued for a Griffin Fabric Filter Baghouse for an existing batch plant. Due to the age of the permit, there are limited requirements associated with it.

Process Equipment- The existing concrete batch plant consists of two storage silos, aggregate piles and conveyors and three baghouses. These include:

- The original baghouse associated with the concrete loading area, as well as

- Two additional baghouses each associated with a storage silo.

The installation of the baghouses reflect a modification to the process equipment, but this modification is exempt from permitting under Rule 285(f) which allows the installation of air pollution control equipment for an existing process or process equipment if the control equipment itself does not actually generate significant amount of criteria air contaminants or a meaningful quantity of toxic air contaminants.

Special Condition 16 of PTI 140-80 requires that the applicant shall not operate the concrete batching plant unless the baghouse is installed and operating properly. Mr. Longstreth reported that the baghouses are monitored visually during operation and that the bags associated with the baghouses are cleaned and inspected a minimum of every 6-months, and replacements made. No records are kept, or are required under the existing permit.

Material Use – No material use limits are associated with PTI 140-80.

Visible Emissions – Special Condition 12 limits visible emissions to an opacity of less than or equal to 20% except as specified in Rule 301. Trucks were being loaded at the time of the site inspection; no visible emissions were noted at the time.

Special Condition no. 14 requires the facility to have a continuous program of fugitive dust control for all plant roadways and the plant yard. The facility is a combination of aggregate stock piles, as well as paved and unpaved roads. Roadways are reported to be brined and watered as needed, generally once a week. The facility also has a power sweeper equipped with a dust control system that is used to control dust. No records of fugitive dust control activities is of record for the subject site. The Facility manager has been asked to begin documenting all activities conducted to control dust to verify that dust control plan has been implemented.

Testing- No testing or verification of VEs is required under the referenced permit unless requested by AQD District Office. No testing VE or otherwise has been requested.

SUMMARY–

AQD District Staff conducted a scheduled site inspection for the permitted concrete batch plant located at the Fisher Sand and Gravel Facility in Midland, Michigan. Site inspection was conducted with the intent of confirming operational status as well as compliance with the referenced permit. No fugitive dust or VE issues were noted during the site visit, however, no documentation of baghouse maintenance or fugitive dust control activities are kept by the facility. The facility has been requested to initiate dust control documentation with respect to their continuous fugitive dust control plan. Documentation activities are to be initiated by the facility by the end of the month. No other compliance issues were noted with respect to PTI 140-80.

NAME Shaaron LeBlanc

DATE 7/25/16

SUPERVISOR C. Hall