

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

N048549656

FACILITY: Team Elmer's - Beaverton		SRN / ID: N0485
LOCATION: 2302 M-18, BEAVERTON		DISTRICT: Saginaw Bay
CITY: BEAVERTON		COUNTY: GLADWIN
CONTACT: Kevin Graham , Manager		ACTIVITY DATE: 07/24/2019
STAFF: Meg Sheehan	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled site inspection for FY19		
RESOLVED COMPLAINTS:		

On July 24, 2019, a scheduled site inspection was conducted by AQD District staff at Team Elmer's in Beaverton, Gladwin County. Mr. Kevin Graham (Manager) was onsite to answer questions. Site inspection activities were conducted with the intent of confirming compliance with Permit to Install (PTI) No. 398-82.

FACILITY DESCRIPTION

Team Elmer's – Beaverton is an existing minor source for particulate matter. The subject site is located approximately 2.25 miles north of Beaverton on M-18. The facility was readily visible from the road, with two paved drives and a paved parking lot. Aggregate mix was kept in three-walled enclosures, and the pollution control device was visible in the load-out area. Other properties in the area were a mix of residential, agricultural, and undeveloped land. The facility was open but not operating upon arrival.

FACILITY HISTORY

No complaints or violation notices are of record. As a minor source, Team Elmer's is not required to report to MAERS. No odors or visible emissions were noted at the time of the inspection.

PROCESS DESCRIPTION

Team Elmer's is a batch concrete plant, where raw aggregate (such as stone and sand) is mixed with cement and water to form concrete. The aggregate is transferred from storage piles to a conveyor belt which loads it into a storage silo. The cement mix is also stored in a silo. When preparing a batch for a customer, a pre-determined ratio of aggregate, cement, and water are loaded into a concrete mixer for transport to the customer's location. The concrete is mixed within the rotating drum attached to the truck on the way to the site.

COMPLIANCE EVALUATION

PTI No. 398-82 was originally issued to Beaverton Transit Mix on February 4, 1983. Due to the age of the PTI, the conditions are relatively minimal. It should be noted that this facility may now be able to operate under the Rule 289 exemption for concrete plants, should Team Elmer's want to void their PTI.

SC 14 limits particulate emissions to 0.10 pounds per 1,000 pounds of exhaust gases calculated on a dry gas basis. Compliance with this condition could not be determined because a stack test would be required.

SC 15 limits visible emissions from the cement handling and storage equipment to 20% opacity. As previously stated, no visible emissions were observed during this inspection. Mr. Graham stated he doesn't usually notice dust during load-out activities.

SC 16 requires a stack test if requested by the AQD. No written notification of required testing is of record for this facility.

SC 17 requires the installation and proper operation of a baghouse on the cement silo. Mr. Graham indicated the cement silo is equipped with a baghouse, which as previously stated was visible to the inspector. A routine inspection of the baghouse is conducted at least once a year, and bags are replaced as needed.

SC 18 requires the disposal of collected air contaminants in a manner which minimizes emissions. Mr. Graham said all dust collected by the baghouse is put back into the trucks to be used as part of the concrete mixture.

COMPLIANCE DETERMINATION

At this time, Team Elmer's appears to be in general compliance with PTI No. 398-82.

NAME Meg Sheehan

DATE 8/1/19

SUPERVISOR C. Gore