

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

U5014489425522

FACILITY: C. Caruso Mfg. Kitchen and Tops		SRN / ID: U50144894
LOCATION: 29784 Groesbeck, Roseville		DISTRICT: Southeast Michigan
CITY: Roseville		COUNTY: MACOMB
CONTACT: Ciro Caruso, Owner		ACTIVITY DATE: 06/09/2014
STAFF: Robert Elmouchi	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Self initiated inspection.		
RESOLVED COMPLAINTS:		

On Monday, June 9, 2014, I conducted an inspection of C. Caruso Manufacturing Kitchen and Tops (Caruso) located at 29784 Groesbeck, Roseville, Michigan. This facility is identified by the Air Quality Division with the State Registration Number (SRN) / ID of U50144894. 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 to determine if the processes or activities at this facility are a source of particulate fallout affecting complainants working at Graphics East.

I entered the building, met with Mr. Ciro Caruso, Owner, identified myself and stated the purpose of the inspection. Mr. Caruso escorted me throughout the inspection of this facility.

Caruso manufactures custom counter tops. Mr. Caruso stated that his business has been at this address for approximately 40 years.

This facility does not have a spray booth. Mr. Caruso stated that he does not use paints, stains or varnish in the manufacturing process. Mr. Caruso stated that he uses approximately 5 gallons of spray adhesive per six months, which is commensurate with adhesive use I've observed while inspecting other custom cabinet and counter top manufacturing facilities. The spray adhesive process appears to be exempt from the R 336.1201 requirement of obtaining an approved air use permit per R 336.1287(a), which states in part, "*The requirement of R 336.1201(1) to obtain a permit to install does not apply to any of the following:*

(a) An adhesive coating line which has an application rate of less than 2 gallons per day and which has emissions that are released only into the general in-plant environment."

I observed equipment used in the manufacturing of counter tops, which included a table saw, drill press, abrasive saw, and band saw. There were no dust collectors or duct used to vent particulate emissions from the equipment.

I asked Mr. Caruso if he had observed fallout accumulate on his property or vehicles. Mr. Caruso stated that he is impacted by fallout from Roseville Crushed Concrete. Mr. Caruso claimed that Roseville Crushed Concrete does not use water to control dust from their facility. Mr. Caruso stated that dirt collects on his building, its windows and on his vehicles. Mr. Caruso stated that he had washed the windows on his building about three to four days before my inspection and complained about the amount of dust that had accumulated on the windows since he washed them. I observed that dust had accumulated on the windows at the front of the building.

Mr. Caruso stated that fallout from Roseville Crushed Concrete collects on his vehicles and building when the wind blows in the direction from Roseville Crushed Concrete towards his building. Mr. Caruso asserted that concrete dust is reactive and that concrete dust from Roseville Crushed Concrete had damaged the paint on his vehicles. I took photographs of the vehicles that Mr. Caruso claimed to be damaged by the crushed concrete fallout (see attached). On the day of this inspection, I did not observe accumulations of fallout noticeably greater than ambient conditions on the vehicles parked at Caruso. I gave Mr. Caruso with my business card and let him know that he could contact me whenever he had an air quality complaint.

CONCLUSION

The processes and activities I observed at C. Caruso Manufacturing Kitchen and Tops appear to either

be exempt or not subject to Michigan air pollution control rules. The processes and activities I observed at C. Caruso Manufacturing Kitchen and Tops did not appear to contribute to the generation of particulates noticeably greater than ambient conditions. Therefore, C. Caruso Manufacturing Kitchen and Tops does not appear to contribute to fallout on the complainants' vehicles at Graphics East in quantities noticeably greater than ambient accumulation. Mr. Caruso claimed that he has been adversely impacted by fallout from Roseville Crushed Concrete.

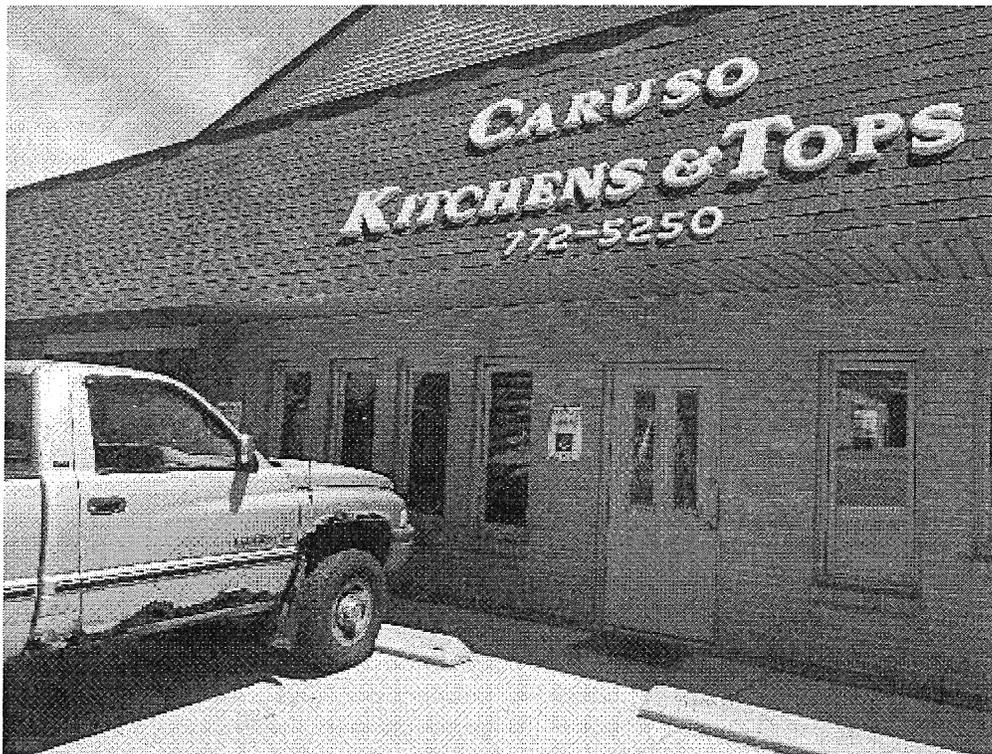


Image 1(P6090019) : Front (west face) of Caruso building with Mr. Caruso's truck parked in front.



Image 2(P6090021) : Damage to the finish on the hood of truck, which Mr. Caruso believes to be caused by concrete dust.



Image 3(P6090026) : Damaged vehicle at Caruso Kitchen and Tops. NOTE: This vehicle has significant collision damage, which was not attributed to fallout or Roseville Crushed Concrete. The owner, Mr. Caruso,

asserts that the peeling paint was caused by concrete dust.

NAME *Robert Emurich*

DATE *7-10-14*

SUPERVISOR *John Z...*