

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

U5014488525520

FACILITY: KALTZ EXCAVATING MUE		SRN / ID: U50144885
LOCATION: 29801 GROESBECK, ROSEVILLE		DISTRICT: Southeast Michigan
CITY: ROSEVILLE		COUNTY: MACOMB
CONTACT: John Sweet, Yard Manager		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 Kaltz Excavating MUE located at 29801 Groesbeck, Roseville, Michigan. This facility is identified by the Air Quality Division with the State Registration Number (SRN) / ID of **U50144885**. 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.

Kaltz Excavating MUE (Kaltz Excavating) is an excavating company (established 1978) that provides underground construction and utility support services throughout the Southeastern Michigan area.

I entered the office building, met with Mr. John Sweet, Yard Manager, identified myself and stated the purpose of the inspection. Mr. Sweet informed me that most activities occur off site. Mr. Sweet escorted me throughout the facility.

Kaltz Excavating's main office is located in Auburn Hills, Michigan. At this location in Roseville, the company stores and ships gas pipe. Equipment maintenance (e.g. changing tires) is performed in their high bay garage. The garage is also used to store equipment (fork lift and vac truck) and parts. This facility does not have a parts cleaner.

The driveway is paved and the storage areas are unpaved. Mr. Sweet stated that calcium chloride is applied to the unpaved areas three times per year and the driveway is watered and swept as needed. Pipe, sand, cold patch, crushed concrete and construction debris are stored outside on the lot east of the office building. The lot area behind the west side of the building was mostly covered with vegetation and is used to store large objects.

Mr. Sweet estimated approximately 5 cubic yards each of cold patch, crushed concrete, and sand was stored on site. This material is stored and moved as needed but is not processed to change its dimensions or properties. Approximately 15 cubic yards of construction debris were adjacent to the aforementioned piles and was pending disposal. Per the approximate material weights listed at <http://www.harmonysandgravel.com/charts.htm> and the material volumes estimated by Mr. Sweet I calculated that the amount of materials I observed that were stored at Kaltz Excavating to be approximately 40 tons.

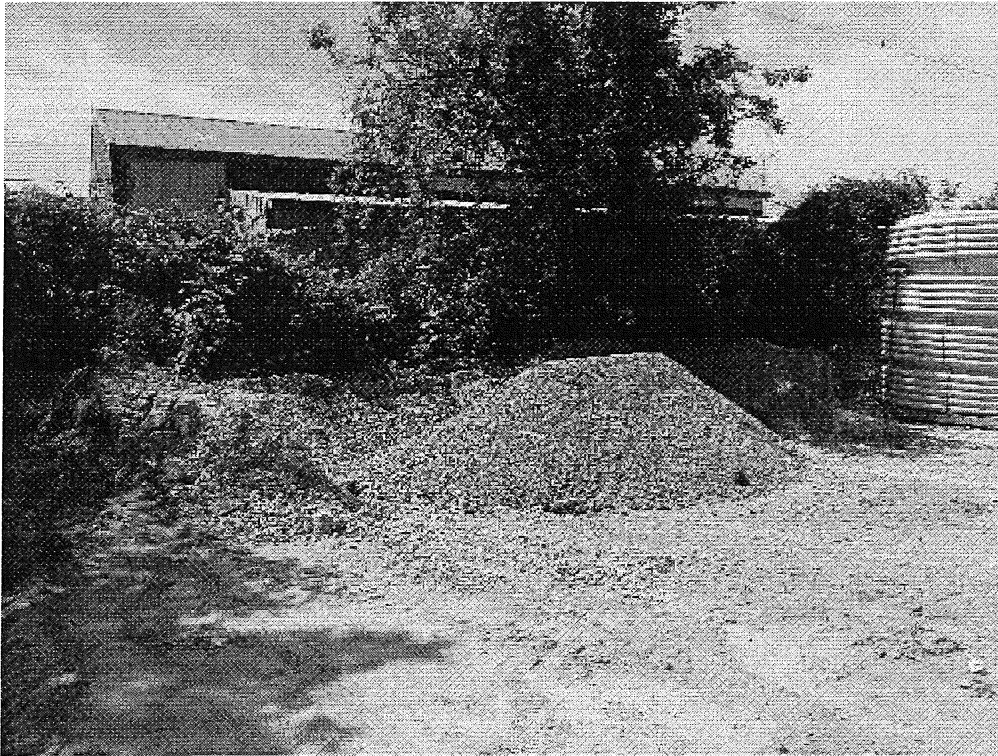
Comparing the limited activity and estimated total of 40 tons of materials stored at Kaltz Excavating with the 75 tons per hour concrete crushing rate at Roseville Crushed Concrete plus the profoundly greater volume of crushed concrete stored at Roseville Crushed Concrete, and trucks routinely driving on Roseville Crushed Concrete's unpaved roadways appears to make Kaltz Excavating an insignificant contributor of fallout on the complainants' vehicles at Graphics East. Furthermore, I did not observe any material handling or transport at Kaltz Excavating and I did not observe any visible emissions emitted from the material piles at Kaltz Excavating. I collected particulate samples from the crushed concrete and construction debris storage piles for microscopic analysis.

Mr. Sweet did not claim Kaltz Excavating had been impacted by fallout from Roseville Crushed Concrete.

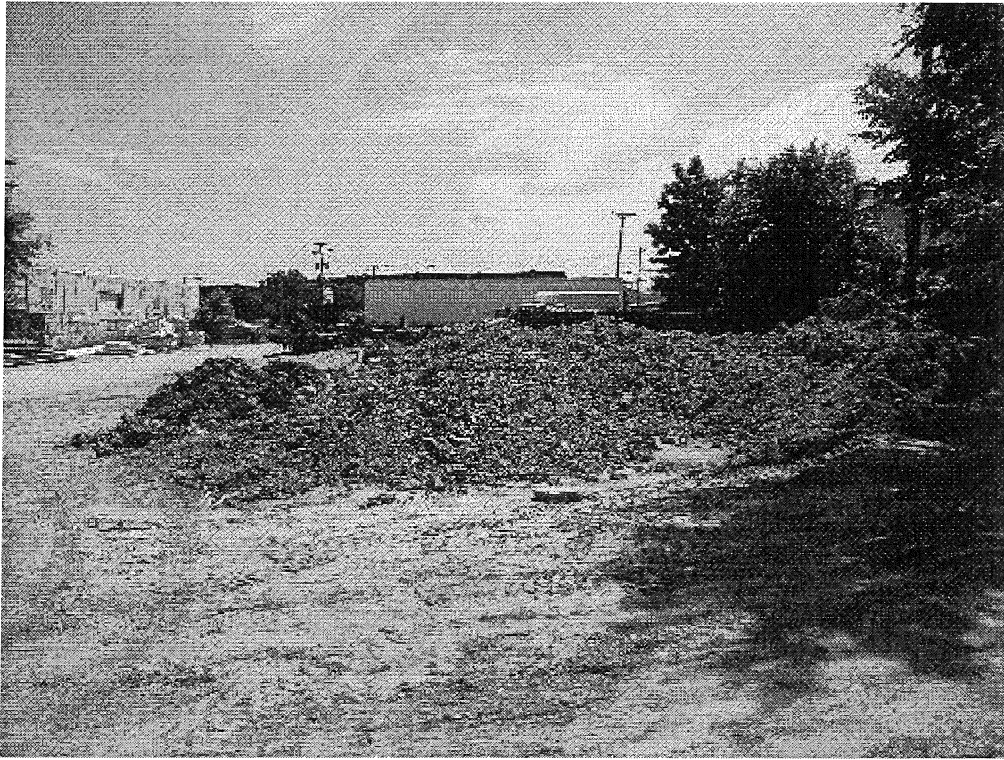
## CONCLUSION

The processes and activities I observed at Kaltz Excavating MUE do not appear to be subject to Michigan air pollution control rules. The processes and activities I observed at Kaltz Excavating MUE did not appear to

contribute to the generation of particulates noticeably greater than ambient conditions. Therefore Kaltz Excavating MUE does not appear to contribute to fallout on the complainants' vehicles at Graphics East in quantities noticeably greater than ambient accumulation.



**Image 1(P6090014)** : Approximately 5 cubic yards of crushed concrete stored along the south perimeter of Kaltz Excavating. The Roseville Crushed Concrete building is in the background behind the tree.



**Image 2(P6090018)** : Approximately 15 cubic yards of excavation debris pending disposal.



**Image 3(P6090011)** : Pipe storage.

NAME *Michael S. Lawrence*

DATE *7-11-14*

SUPERVISOR *Joyce B.*