

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Complaint Investigation

B177464499

FACILITY: CLANCY EXCAVATING CO		SRN / ID: B1774
LOCATION: 29950 LITTLE MACK, ROSEVILLE		DISTRICT: Warren
CITY: ROSEVILLE		COUNTY: MACOMB
CONTACT: Doug Clancy , Manager		ACTIVITY DATE: 08/31/2022
STAFF: Robert Joseph	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Complaint investigation of facility which is operating adjacent to storage yard used by lafrate Construction.		
RESOLVED COMPLAINTS: C-22-01544		

On August 31, 2022, at approximately 2 p.m. the AQD received a fugitive dust complaint alleging Clancy Excavating as the origin site. The complainant stated it was causing a nuisance to their personal property. They stated it was due to height of the storage piles pertaining to the facility's concrete crushing operations when truck traffic unloads aggregate material atop of it. Wind direction and speed at the time of the complaint was from the west at 13-18 mph.

I arrived shortly before 4 p.m. at the Taylor International School and Dormitory located in St. Clair Shores. This location is downwind of the facility which allows fugitive dust plumes that may be originating from the facility to be viewed traveling into the surrounding community. Previous investigations were made at this location on June 3 and July 28, 2022.

I conducted my investigation between 4:00 – 5:00 p.m. standing at an eastern observation point downwind of the facility. During this time, I observed activity occurring at Clancy Excavating – atop of the storage pile, however, I did not observe fugitive dust plumes originate from the facility and travel towards the surrounding community or cause a nuisance.

On-site visit

I arrived onsite at Clancy Excavating shortly after 5 p.m. and met with the facility's secretary, Ms. Lawrence. I informed her for the reason of my visit, and I requested to inspect the site. I proceeded to walk to the rear of the facility and atop of the storage pile. There were small dust plumes visible atop the storage pile upon impact of the aggregate onto the ground as it exited the haul trucks, but none traveled beyond the pile or leave the site. The facility provides aggregate material to the primary contractor for the M-3 road construction project.

The facility was no longer dumping aggregate material along the sides of the storage pile which creates dust plumes upon exiting the haul trucks. The access road to the large pile and area atop the pile appeared to have dust suppression applied to it (see attached images on file). I met with Doug Clancy, facility manager, who indicated that calcium chloride had been applied to the facility roadways. The facility maintains a water truck on-site to allow for the application of this. Doug indicated the facility was utilizing the pile today due the amount of volume of aggregate needed. He maintains the facility has been maintaining dust suppression on the roadways.

I also made observations to the adjacent facility, MGM Construction Company (29920 Little Mack, Roseville, south of Clancy Excavating), which is being rented by the lafrate Construction Company, the primary contractor of the M-3 road construction project. The site also appeared to have sufficient dust suppression applied to the roadways via a water truck.

The water truck on-site contains a side hose which allows it water down the storage piles. There was visible evidence of water at the base of the piles (see attached images on file).

I spoke to the primary operator on site who indicated that members of the St. Clair Shores city council had previously been on-site a few weeks ago to view the operations of both Clancy Excavating and lafrate Construction. The operator indicated the council members were satisfied with the dust suppression practices that were being implemented on-site. I have been in contact with the members of the city council via email and phone and they have not expressed dissatisfaction with the efforts of both facilities, or the ongoing determination of the AQD during each complaint investigation.

I also viewed the Luigi Cement Company (adjacent to Clancy Excavating to the north) and did not view any dust plumes originating from the site, therefore, I departed the area after 6 p.m.

Conclusion

In my expert opinion based on my off-site and on-site investigation, I did not observe fugitive dust plumes leave the site or cause a nuisance to the surrounding community. This complaint is considered resolved.

NAME Robert Joseph

DATE 09-09-22

SUPERVISOR Joyce