

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: On-site Inspection

P138367838

FACILITY: BULK GUYS LLC		SRN / ID: P1383
LOCATION: 2530 VICKSBURG STREET, MARYSVILLE		DISTRICT: Warren
CITY: MARYSVILLE		COUNTY: SAINT CLAIR
CONTACT: Dustin Hurd , Plant Manager		ACTIVITY DATE: 06/20/2023
STAFF: Sebastian Kallumkal	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Onsite inspection to verify high opacity emissions.		
RESOLVED COMPLAINTS:		

On Tuesday, June 20, 2023, I, Michigan Department of Environmental Quality-Air Quality Division staff Sebastian Kallumkal observed heavy dust from a location nearby Kendall St. and Wills Street in Marysville, Michigan. I drove through Hoffman Street, to Vicksburg St. I identified that heavy dust was from a stack which appeared to be about 40 feet high. The opacity of the visible emissions from the stack appeared to be more than 20%. I did not conduct a US EPA Method 9-Evaluation of Visual Opacity.

At about 1:20 PM, I entered the office building; met the secretary, identified myself and requested to talk to a manager.

She called in Dustin Hurd, General Manager. I explained to him about the heavy dust and high opacity of the stack emissions. When asked about the operations, he informed me that Bulk Guys (Address: 2530 Vicksburg St. Marysville, Michigan 48040) does drying and screening of sand to be used in casting and roofing materials.

Dusting told me that they have two natural gas fired dryers and two screens. They started their business at this location in September 2022, operates 8 hours/day, Mon-Fri and have four employees.

He does not know the heat ratings of the dryers. I explained to him that the Michigan Rule 201 requires a permit to install for any process unless it is exempt from obtaining a permit to install. I also explained to him about Rule 301 opacity limits and how the opacity values are evaluated. Seeing the high opacity, I informed him that they may need to install a dust collector to comply with Rule 301 limits. He informed that they have a dust collector, and this batch of sand is very dusty. I told him they may need to inspect the dust collector bags for leaks.

I also inquired about a Generac 2000 series emergency engine that I observed near the office building. I did not see any fuel pipe connections or electrical lines connected to the engine. He informed me that they had an electrician looked at the engine and it is not operable.

When I came out of the office building, I saw that the height of the plume from the dryers went down, and opacity was less than before.

I did not enter the process area or inspected the processes during my visit.

I left around 1:35 PM and returned to the site at about 2:05 PM. I did not observe any visible emissions from the dryers at this time.

Even though I did not conduct a US Method 9 to evaluate opacity of the visible emissions, the opacity of the visible emissions appeared to be more than 20% and lasted longer than 6 minutes at that level. However a Rule 301 violation will not be issued at this time.

Conclusion: The facility appeared to have installed two sand dryers and two screeners without obtaining a permit to install. These processes do not appear to be exempt from Rule 201 requirements. Sending a Notice of Violation for these Rule 201 violations is recommended.

NAME Sebastianykallenkakal

DATE 06/26/2023

SUPERVISOR Joyce