

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

B236231411

FACILITY: OSBORNE MATERIALS CO		SRN / ID: B2362
LOCATION: HC 53 PO BOX 529, DRUMMOND IS		DISTRICT: Upper Peninsula
CITY: DRUMMOND IS		COUNTY: CHIPPEWA
CONTACT: GILBERT ALKEY, PLANT MANAGER		ACTIVITY DATE: 09/22/2015
STAFF: Ed Lancaster	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Conducted scheduled, unannounced inspection.		
RESOLVED COMPLAINTS:		

I arrived at the plant and met Mr. Jeff Hiney, Office Manager. Mr. Hiney directed me to Mr. Gib Aikey, the plant manager, who was waiting outside the office in his truck. After introducing myself to Mr. Aikey he drove me around the plant and mine explaining the operations and history of the facility.

Bethlehem Steel purchased the property and began mining dolomite limestone around 1945. Osborne Material bought the mine from Bethlehem Steel in 1988, Mr. Aikey has been the plant manager since the purchase date. All of the processing equipment was constructed and installed before Michigan's Air Pollution Control Rules and the New Source Performance Standards for Nonmetallic Mineral Processing Plants, 40 CFR Part 60, Subpart OOO, were established, therefore there are no Air Use Permits associated with this facility.

Mr. Aikey informed me 100% of the stone produced leaves by ship. They currently produce seven products, the largest being 2-inch size stone which accounts for approximately 30% of their business. The company begins prepping the plant in March to restart operations around April 15th each year. By November 1st they finish processing stone, and finish loading by Thanksgiving when the plant is shut down for the winter months.

During my inspection the plant was operating. The material is considered wet and spray bars are installed if needed. There were no visible emissions from most of the operations, including drop points, and those that were visible were minimal and short lived. Mr. Aikey pointed out their 10,000-gallon water truck to suppress fugitive dust from the roadways. The roads were wet when I arrived at the plant.

Mr. Aikey informed me the company produces about 1,000 tons of stone per hour and on the previous day, during a nine hour shift, produced 9,300 tons. The ships that arrive at their dock typically can carry a load of 20,000 tons. The plant can transfer product to the ship at a rate up to 4,000 tons per hour.

After observing the crushing and screening operations, we drove over to the mine. Mr. Aikey stated they produced 1.1 million tons of stone in 2014 and are on pace to produce the same this year. The life of the mine is expected to be an additional 50-years at a production rate of 2.0 million tons per year. The only activity at the mine during the inspection was loading of trucks to haul the coarse stone to the primary crusher.

At the time of my inspection the facility appeared to be in compliance with Michigan's Air Pollution Control Rules.

NAME Ed Lancaster DATE 10/12/15 SUPERVISOR _____