

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

N387047363

FACILITY: Flintsteel Stone Products LLC		SRN / ID: N3870
LOCATION: 15100 Lakeshore Drive, ONTONAGON		DISTRICT: Upper Peninsula
CITY: ONTONAGON		COUNTY: ONTONAGON
CONTACT: Emerson Manos , Operator		ACTIVITY DATE: 12/20/2018
STAFF: Michael Conklin	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Facility review and compliance discussion over the phone.		
RESOLVED COMPLAINTS:		

**Facility:** Flintsteel Stone Products, LLC (SRN: N3870)  
**Location:** Caledonia Rd, Mass City, Ontonagon County, MI 49953  
**Contact:** Emanuel Manos, Owner, 734-818-0769 / Emerson Manos, Operator, 517-294-6360

#### Regulatory Authority

*Under the Authority of Section 5526 of Part 55 of NREPA, The Department of Environmental Quality may upon the presentation of their card, and stating the authority and purpose of the investigation, enter and inspect any property at reasonable times for the purpose of investigating either an actual or suspected source of air pollution or ascertaining compliance or noncompliance with NREPA, Rules promulgated thereunder, and the federal Clean Air Act.*

#### Facility Description

Flintsteel Stone Products, LLC (Flintsteel), formerly Rueben Turunen Contracting, operates a portable, nonmetallic crushing plant at the Mass and Caledonia Mines in Mass City, Ontonagon County, Michigan. The portable crushing equipment was purchased from Rueben Turunen Contracting in 2016. The plant is used to crush basalt rock piles from the mines. The crushing plant consists of a single mobile unit with a crusher, screener, and conveyor. The maximum input capacity for this plant is 40 tons per hour, making it not subject to the New Source Performance Standards (NSPS) contained in Subpart OOO of Part 60 for Nonmetallic Mineral Processing Plants. This plant is not required to report their annual emissions to MAERS due to not being subject to a federal NSPS and actual emissions not exceeding the MAERS Reporting thresholds.

#### Compliance History

This plant has not been inspected since Flintsteel took over ownership of the portable crushing equipment. No prior compliance activity has been reported in MACES.

#### Inspection

On December 20, 2018, I spoke with Emerson Manos, the current operator and authorized contact for Flintsteel, regarding the status and compliance for the portable crushing equipment. Mr. Manos stated the equipment was purchased in 2016 from Reuben Turunen Contracting and did not begin operation until mid-summer of 2017 due to electrical issues. The portable equipment is currently a single crusher/screener with a 60 HP electric motor that is used to crush basalt rock from the mines. A Caterpillar 950 Loader and 225 Excavator are used to drop aggregate material into the crusher. A 400 KVA Caterpillar diesel generator is used to supply power for the electric motor. The equipment is currently located at the Mass and Caledonia Mines on Caledonia Road in Ontonagon County and is more than 2000 feet from the nearest residential property.

I next discussed with Mr. Manos the current PTI, 852-92, that is associated with the equipment. Mr. Manos stated he was not aware of the permit. We discussed that records are required for water use to control fugitive dust, the amount of material processed, and hours of operation. The current permit does have an operational limit of 800 hours per year and a throughput limit of 100,000 tons per year. Mr. Manos explained that with crushing basalt rock that the maximum input rate for the crusher is 40 tons per hour, and they would like to be able to operate for 2500 hours per year. I explained to Mr. Manos that he will need to submit a PTI application to the Permit Section to amend the current permit. We also discussed that a fugitive dust plan will be required to control dust from loading of material, stockpiles, roadways, drop points, along with the crushing, screening, and conveying of the material.

I also went over an equipment list that was on the application for PTI No. 852-92. Mr. Manos stated that not all the equipment was bought and is in operation. With the current equipment being different than

what was listed in the application for PTI No. 852-92 and Mr. Manos having no prior knowledge of the current permit, it was decided that at this point moving forward that records and compliance would occur. Mr. Manos is now informed and acknowledges the air quality requirements that are required for nonmetallic crushing facilities. A follow-up inspection will occur in 2019 once operation of the plant begins.

**Compliance**

Based on this inspection, it appears that Flintsteel Stone Products, LLC, will be in compliance with all Michigan Air Quality Rules and federal regulations.

NAME *Michael Kelly* DATE *1/4/2019* SUPERVISOR *CDL*