

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

N656541566

FACILITY: STONECO-MOSCOW PLANT DIV 88		SRN / ID: N6565
LOCATION: ROUND LAKE & MOSHERVILLE RD, MOSCOW		DISTRICT: Jackson
CITY: MOSCOW		COUNTY: HILLSDALE
CONTACT:		ACTIVITY DATE: 09/20/2017
STAFF: Brian Carley	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Unannounced inspection		
RESOLVED COMPLAINTS:		

Facility Contact: Brad Wilson, Manager
Phone: 517-688-9703
Email: bwilson@mipmc.com

Company Contact Person: Ms. Susan Hanf, Environmental Engineer
Email: shanf@stoneco.net
Company Phone Number: 734-241-8966

Zack Durham and I introduced ourselves and stated the purpose of the visit to Mr. Brad Wilson, Manager. Stoneco-Moscow operates a sand and gravel surface mining facility. This plant has the capability of relocating, but it has been at this location for years and the company has no intention of using it in a portable manner. The sand and gravel is processed via screening and crushing once it has been mined. The sand and gravel is mined out of watered-in gravel pit along the south side of Mosherville Road on Stoneco's property. Sand is screened out from the mined material and the remaining stone is crushed into different size materials. The processed material is sold to building and road contractors. At the time of the inspection, crushing was not taking place.

Brad showed me their records of the amount of material that they process daily which meets the requirements of Special Condition (SC) 1.9. The crushing plant at this location is not equipped with a baghouse; therefore, SC 1.1 is not applicable to the plant's operation. I did not observe any visible emissions from the crushers, conveyors, stackers, storage piles, and material handling operations during the inspection. I determined that they are in compliance with SC 1.2. They do not crush any asbestos tailings or asbestos containing waste material as required by SC 1.5. Fugitive dust is controlled by the application of water via 5 spray bars at the entrance to the primary screen and by 4 spray bars at the entrance to the primary rinse screen. Water is supplied continuously from a pond located on the plant's property. Since the material being processed was mined from a watered-in gravel pit, it is wet when it is loaded into the primary jaw crusher. We were able to see that the processed material was wet on the conveyors, stackers, and in the stockpiles at the time of the inspection. The company is abiding by the Fugitive Dust Control Plan in Appendix A of its permit. Specifically, the following measures are being taken by the plant to control fugitive dust: the drop distance at each transfer point and storage pile is being minimize; vehicles are tarped before leaving the site; a wheel loader applies water to the roadways and plant yard whenever necessary; material spills are cleaned up immediately; chloride is applied twice a year; and the time and date of each water application is being recorded. The company's 2016 MAERS submittal indicated that 913,027 tons of material was processed in 2016, which is well below their limit of 2,000,000 tons/year as required by SC 1.3. I was also able to see that all the equipment was labeled as required by SC 1.11. The company is maintaining a copy of its PTI in the operator's office. No residences, commercial establishments, or places of public assembly are located within a few thousand feet of the plant. The plant operates on 188 acres and the plant is located in the middle of the property.

Based on this inspection and their most recent MAERS submittal, I determined that Stoneco-Moscow's crushing plant is in compliance with its PTI and all other applicable air rules and regulations.

NAME

Brian Carley

DATE

10/25/17

SUPERVISOR

[Signature]