

**DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection**

M352631031

FACILITY: STATE CRUSHING, INC.-EAST		SRN / ID: M3526
LOCATION: 25501 Sherwood, WARREN		DISTRICT: Southeast Michigan
CITY: WARREN		COUNTY: MACOMB
CONTACT: R.J. Orozco , Co-Owner		ACTIVITY DATE: 09/03/2015
STAFF: Erik Gurshaw	COMPLIANCE STATUS: Non Compliance	SOURCE CLASS: MINOR
SUBJECT: Self-Initiated Inspection		
RESOLVED COMPLAINTS:		

SRN: M3526

COMPANY: State Crushing-East, Inc.

COMPANY ADDRESS: 25501 Sherwood Ave., Warren, MI 48093

PURPOSE OF INSPECTION: Self-Initiated

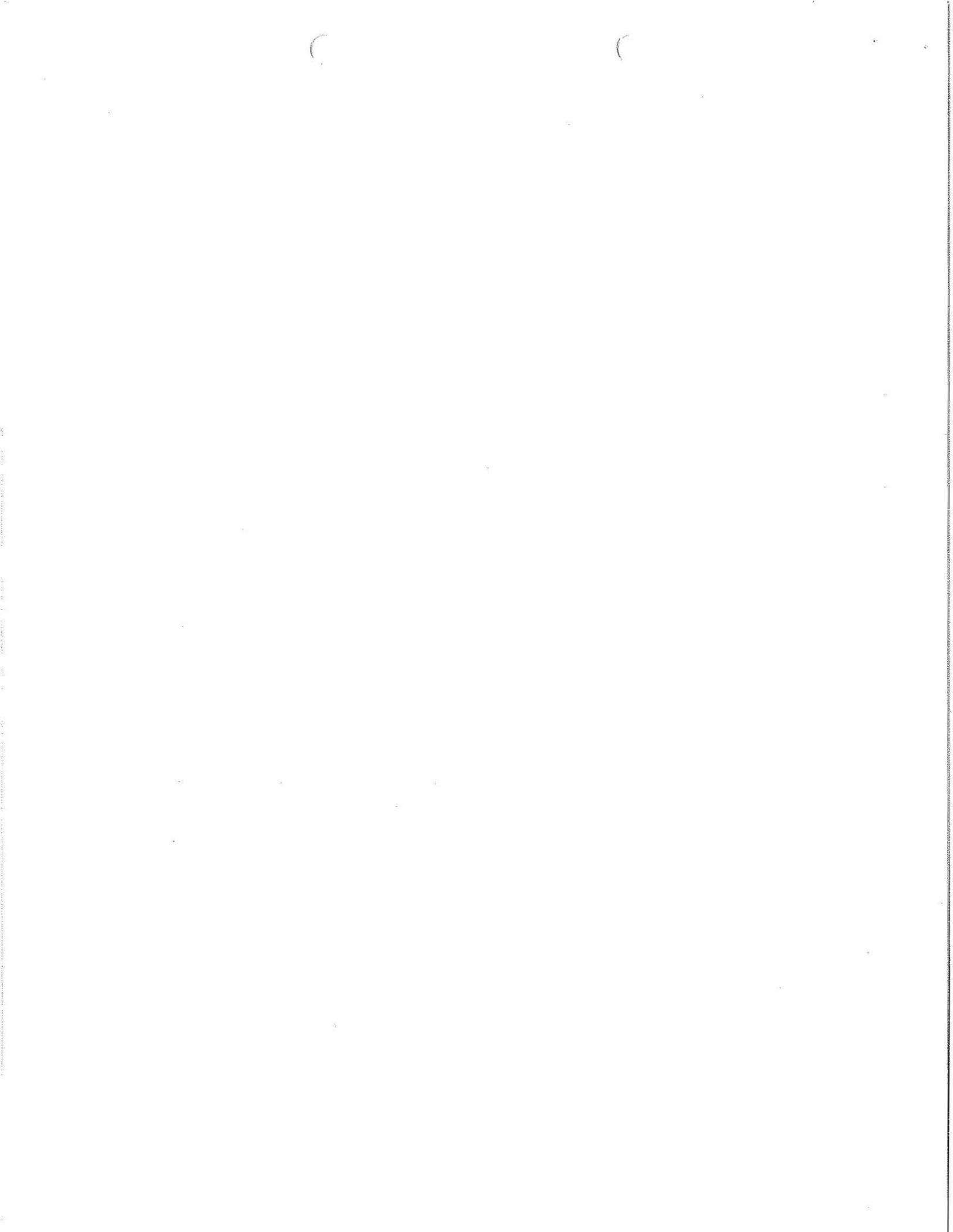
CONTACT PERSON: Mr. R.J. Orozco, Co-Owner (Ph: 248-338-3310; Cell: 248-640-0074; Fax: 248-338-2140; Email: rj@statecrushing.com)

COMPANY PHONE NUMBER: 248-338-3310

On September 3, 2013, AQD staff, Erik Gurshaw conducted an unannounced, self-initiated inspection of State Crushing-East, Inc. located at 25501 Sherwood Ave. in Warren, Michigan. The purpose of the inspection was to follow-up on three fugitive dust complaints received by the Southeast Michigan District Office on August 20, 2015, August 25, 2015, and September 1, 2015, and to determine compliance with the Federal Clean Air Act; Article II, Part 55, Air Pollution Control of Natural Resources and Environmental Protection Act, 1994 Public Act 451; Michigan Department of Environmental Quality, Air Quality Division (MDEQ-AQD) Rules; and Permit-to-Install (PTI) #154-12 for a non-metallic mineral crushing plant.

Upon arrival at the site, AQD staff introduced himself to Mr. Augustin Ochoa, Plant Operator. Mr. Orozco assisted AQD staff during the inspection. State Crushing-East, Inc. produces building and road aggregate from concrete it receives from road construction projects. The concrete is loaded into a jaw crusher and conveyed to a double deck screen. Material smaller than 5/8" in diameter falls to the second deck of the screen and is conveyed to a storage pile as 21AA aggregate. Material between 1" and 3" in diameter is caught up in the first deck of the screen and conveyed to a storage pile as 1" x 3" aggregate. Material larger than 3" in diameter is conveyed to a secondary impact crusher. From the secondary impact crusher, material is, once again, conveyed to the double deck screen where the process repeats itself until nothing but 21AA aggregate and 1" x 3" aggregate is produced as a final product. Equipment at the plant includes the following: 1 jaw crusher; 1 impact crusher; 1 double deck screen; 7 conveyors; 2 stackers; and a front loader. Crushing was taking place at the time of the inspection.

Potential fugitive dust production from the plant is being controlled by applying water at the inlet to the primary jaw crusher, inside the secondary impact crusher, at the top of the double deck screen, at the end of the 21AA aggregate stacker, and at the end of the 1" x 3" aggregate stacker. AQD staff did not observe any visible emissions from the screen, conveyors, stackers, transfer points, or material storage piles at the time of the inspection. A minimal amount of fugitive dust was observed to be emanating from the primary crusher and from vehicle traffic along the plant's roadways during the inspection. The opacity observed from the primary crusher was below than 15% as required by Appendix A of the plant's PTI. Dust produced from vehicle traffic along the plant's roadways resulted in opacities of less than 5%, on average, as required by Special Condition I.1 of the plant's PTI under EUTRUCKTRAFFIC. The plant is maintaining daily production records. The daily production records show that the plant produces approximately 1,000 tons of material per day which is below the 2,040 ton per day processing limit established in the PTI. Based on the daily production records, less than 343,000 tons of material is being processed per 12-month rolling time period. The 2014 MAERS



Report indicated that 75,000 tons of material were processed by the plant. The plant does not process any materials containing asbestos. The plant yard and roadways are watered whenever necessary and they were wet at the time of the inspection. The company is not maintaining records of water applications to plant roadways, the plant yard, and storage piles, however. Sodium chloride is also applied once a month to limit fugitive dust production from the plant yard and roadways. Spills are cleaned up immediately with the front loader. Sherwood Ave. is swept twice a week by Sweepmaster, Inc. to help control track out. AQD staff observed some track out along Sherwood Ave. during the inspection, the amount of track out was not deemed to be excessive. The visible emissions evaluation required by NSPS Subpart OOO and the company's PTI is not applicable to the plant's operation since the plant's equipment was installed prior to the effective date of NSPS Subpart OOO. The plant's crusher, screen, conveyors, and stackers were not labeled as required by Special Condition IX.1 under EUPROCESS of its PTI. According to Mr. Orozco, no equipment has been replaced or added since State Crushing purchased the plant from Joe Davis Crushing, Inc. in 2013.

As a result of this inspection, it was determined that State Crushing-East is not complying with several conditions of its PTI. Specifically, the company is not maintaining records of water applications to its roadways, yard, and storage piles and the plant's process equipment was not labeled. AQD staff had a conversation with Mr. Orozco on September 8, 2015, to notify him of these deficiencies and that a Violation Notice would be sent to the company as a result. AQD staff told Mr. Orozco that a follow-up inspection would be conducted within a month to determine if the corrective actions taken by the company have resolved the aforementioned issues. Mr. Orozco was also notified of the recent fugitive dust/fallout complaints the AQD has been receiving regarding State Crushing-East's operations.

NAME Erik Hurshaw DATE 9/8/15 SUPERVISOR CJE

