

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

P062244767

FACILITY: STATELINE CRUSHING		SRN / ID: P0622
LOCATION: 136 South Industrial Drive, SALINE		DISTRICT: Jackson
CITY: SALINE		COUNTY: WASHTENAW
CONTACT: John Thompson , Owner Operator		ACTIVITY DATE: 06/05/2018
STAFF: Zachary Durham	COMPLIANCE STATUS: Non Compliance	SOURCE CLASS: MINOR
SUBJECT: Self initiated inspection conducted on an unpermitted portable crusher operating under Rule 290 during the scheduled inspection of the permitted portable crushing operation identified in SRN P0749, also for Stateline Crushing.		
RESOLVED COMPLAINTS:		

Contact

Robert Spurbeck
Foreman, State Line Crushing
734-351-6593
robertspurbeck@thompsonrecycle.com

Purpose

This was a self-initiated inspection of the unpermitted portable crushing equipment that operates under Rule 290. I arrived at the Target Trucking location in Grass Lake, MI on 6/5/18 at about 9:45am to inspection another portable crusher that had previously sent a relocation notice to crush about 60,000 tons of broken concrete. I met with Robert Spurbeck during my visit.

Background

This facility had previously been tested for visible emissions (VEs) using Method 9 in 2015. At the time of the test a DB 45 misting unit (snow maker) and other water spray bars were used to control VEs, thereby minimizing particulate emissions as fugitive dust. The crusher does not have a permit with the State of Michigan and operates instead under Rule 290.

Compliance Evaluation

Upon arriving at the site to inspect the portable crusher which submitted a relocation notice under State Registration Number (SRN: P0749), I noticed a second crusher at the site. The attached photo shows the unit to be a KPI 4250 manufactured in 2015. Rule 290(2)(a)(iii)(A) requires appropriately designed and operated control systems, which were not operating during the time of inspection while the unit was operating. Due to a lack of operational control equipment an excessive amount of particulate matter was present during the inspection (see attached photos).

During the time of the inspection, the KPI 4250 unit was equipped with a single hose aimed into the crushing area. This setup differs from the 2015 Method 9 test that incorporated water spray as well as a misting unit to reduce VEs. While there was a misting unit onsite, it was directed towards the other crusher and had no effects on the KPI 4250.

After observing for a few minutes, Robert was able to shut down the operation and restart the water flow. A certified Method 9 was not conducted at the time, however, VEs were still present coming from the KPI 4250 while the water hose was running.

Compliance Determination

This facility was not in compliance with Rule 290 at the time of inspection due to a lack of an appropriately designed and operated control system required by Rule 290(2)(a)(iii)(A). A violation letter has been sent to the company.



Image 1(KPI 4250) : Walking up to the job site. Excessive VEs observed.

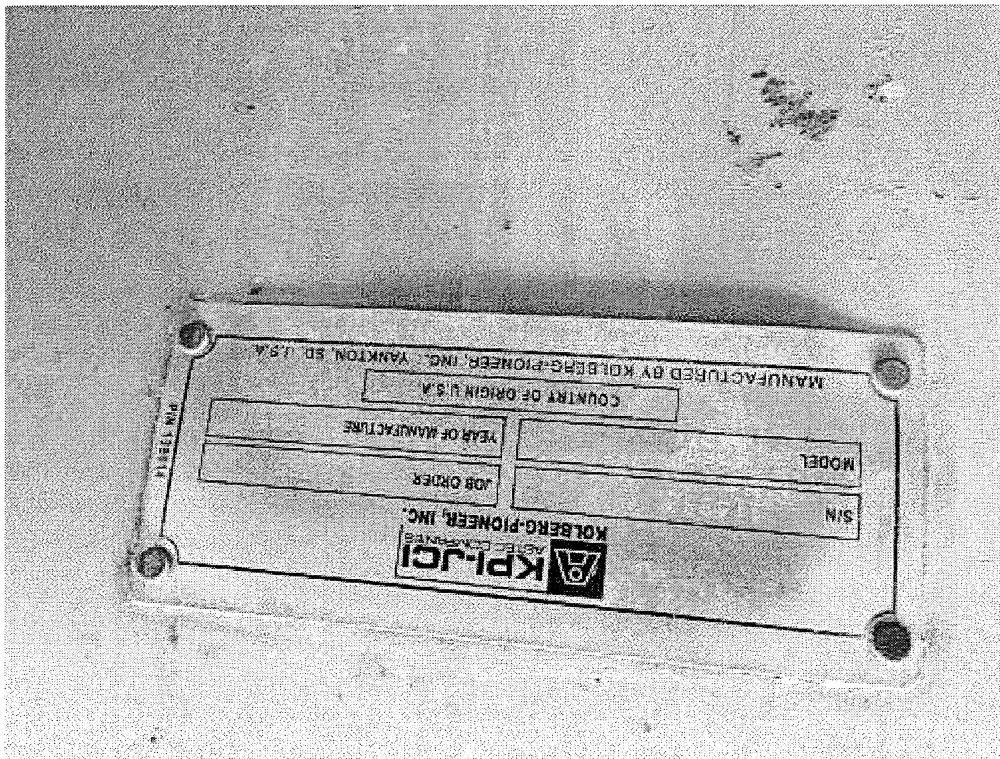


Image 2(KPI 4250 nameplate) : Nameplate with S/N 414882



Image 3(water pump) : small water pump and pond at the job site

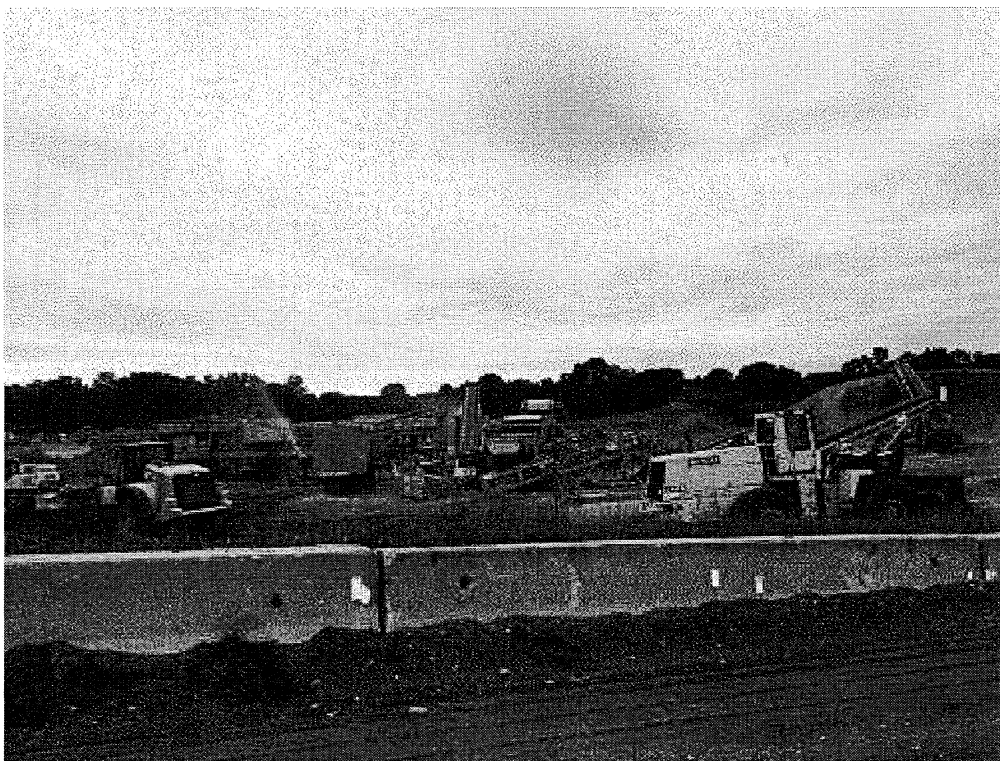


Image 4(Jobsite overview) : Exiting jobsite at 10:15am. To the left water mist is visible from misting unit applied to equipment in P0749. To the right some VEs are present from KPI 4250 crusher after water had been

restored.

NAME Zack Duban

DATE 6/18/18

SUPERVISOR 