

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

P089247075

FACILITY: McCoig Recycle		SRN / ID: P0892
LOCATION: 136 S. Industrial Drive, SALINE		DISTRICT: Jackson
CITY: SALINE		COUNTY: WASHTENAW
CONTACT: John Thompson , President		ACTIVITY DATE: 11/21/2018
STAFF: Mike Kovalchick	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Unannounced visit to the headquarters of portable crushing plant.		
RESOLVED COMPLAINTS:		

Minor Source:**Facility Contacts**

John Thompson-President

Phone 269-207-2948 johnt@thompsonrecycle.com

Purpose

On November 21, 2018, I conducted an unannounced compliance visit of McCoig Recycle (Company) with its headquarters office located in Saline, Michigan in Washtenaw County. The purpose of the visit was to determine the facility's compliance status with the applicable federal and state air pollution regulations, particularly Michigan Act 451, Part 55, Air Pollution Control Act and administrative rules. (Note: This was an office visit only as the portable crushing plant was located in Wayne County and only rarely conducts crushing in the Jackson District.)

Facility Location

The office is located in a commercial park in Saline. The portable crushing plant is generally operated at various concrete batch facilities across the southern part of lower Michigan.

Facility Background

The portable rock crushing plant has never been inspected.

Regulatory Applicability

The portable rock crushing plant operates under permit exemption Rule 290 which requires that controlled particulate emissions be less than 500 pounds per month and visible opacity be less than 5%.

NSPS, 40 CFR Part 60, Subpart OOO is applicable. Note that this facility reports emissions to MAERS and is considered a CAT 2 Fee facility.

Arrival & Facility Contact

I arrived at 9:00, proceeded to the facility office, provided my identification and spoke with John Thompson (JT). I informed him of my reason for the visit was to determine the compliance status of the portable crushing plant with SRN # P0892.

JT extended his full cooperation and fully addressed my questions.

Meeting

JT indicated that the "Thomson Companies" umbrella includes Thompson Recycle, Thompson Screening, State Line Crushing and McCoig Recycle. The McCoig plant was currently located in Wayne county and was going to be idled shortly for the Winter season. It is a FT 2650 track mounted jaw crusher with 250 tons/hour operating rate with associated screens/conveyors. All emission points are controlled by several water spray bars. The water spray bars use water from a portable water tank. (Either a 1000 gallon or 9500-gallon tank.) They are always on when crushing is occurring. Required NSPS OOO testing was conducted on September 25, 2018. The plant generally moves to a new job every 2 to 3 weeks usually at concrete batch plants. The crusher

process cement that is returned from a job that isn't used or otherwise needs to be recycled. It operates mostly in Wayne and Oakland counties but occasionally visits Monroe and Lenawee counties.

The Company operates an additional crusher under SRN N8060. It is currently parked in Wixom, Michigan. It is used primarily to process concrete that contains rebar and is placed in tandem with other crushers such as the SRN P0892 crusher.

State Line Crushing (SRN PO622) also is headquartered at the Saline office but this KPI 4250V crusher/ plant is currently parked for the season elsewhere. It operates under Rule 290. This equipment is utilized during concrete recycling in combination with permitted equipment under SRN P0749 which is another crusher plant with a KPI 3055 V crusher owned by State Line Crushing. (PTI 178-16) This plant is also parked for the season.

Thompson Recycle also has a crusher/plant SRN N5408 currently located in Bellevue, Michigan. It operates under Rule 290.

I informed that JT that we no longer allow crushers to be exempt under Rule 290 and that any new crushers would need to be permitted. I also noted that it would be a good idea to make sure that the crusher be located at least 500 feet away from places of public assembly to avoid any Rule 901 issues.

I requested that he email me all required Rule 290 records for the SRN PO892 for 2018 by no later than November 27th. I thanked JT for his time and cooperation and left the office at 10:00 am.

Recordkeeping Review

Attachment (1) shows locations the portable crushing plant visited in 2018 along with the amount of material processed, status of the spray bars, and monthly particulate emissions. (The maximum was 166 pounds/month.)

Attachment (2) includes all the support documentation/calculations for the Rule 290 demonstration along with results of the NSPS OOO testing.

The information provided appears to be sufficient to demonstration that the requirements of Rule 290 permit exempt rule are being met.

Compliance Summary

The facility appears to be in compliance with all the required recordkeeping associated with Rule 290. I did not inspect the actual portable crushing plant since it was not located in the Jackson District counties and likely won't be in the foreseeable future.

NAME M. Kovalchuk

DATE 11/27/18

SUPERVISOR 