

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

N701134559

FACILITY: Grosso Trucking and Supply Company		SRN / ID: N7011
LOCATION: 10015 Marine City Highway, FAIR HAVEN		DISTRICT: Southeast Michigan
CITY: FAIR HAVEN		COUNTY: SAINT CLAIR
CONTACT: Steve Grosso , Owner		ACTIVITY DATE: 05/16/2016
STAFF: Tyler Salamasick	COMPLIANCE STATUS: Non Compliance	SOURCE CLASS: MINOR
SUBJECT: Document review and inspection		
RESOLVED COMPLAINTS:		

Background

Grosso Trucking and Supply SRN: N7011 is a nonmetallic mineral crushing facility located at 10015 Marine City Highway, Fair Haven Michigan. The facility was inspected on Monday, May 16th 2016 by Tyler Salamasick of the Michigan Department of Environmental Quality, Air Quality Division. The intent of the inspecting was to determine compliance with the Federal Clean Air Act Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act of 1994, PA 451, as amended, and Michigan's Air Pollution Control Rules. Grosso Trucking currently holds permit a general permit to install for nonmetallic mineral crushing facilities.

The site contact is the owner and operator Steve Grosso. He was not on site during the time of the inspection.

Inspection

Site arrival was at 10:49am Monday morning. The weather conditions were 60F with a SSW wind at 2-5 mph and sunny. Grosso Trucking is located in a primarily rural/ light commercial area with the nearest residential structure approximately 1400ft north of the crusher. I was greeted by the secretary, Becky. Upon meeting we reviewed the permits as well as the required records. Becky informed me that Steve Grosso was not on site but instead a plant operator Trevor Osterlend could show me the equipment. Trevor informed me that Grosso has 5 to 6 employees and operates 9.5 hours a day, 5 days a week. Their regular work hours are from 7am or 8am until 4:30pm. Trevor was able to show me the majority of the equipment's serial codes. He also showed me the water spray on the equipment. The facility draws its water from a well located on the property. Trevor turned on the water sprayers and they all worked except one located at the base of a conveyor. He informed me that they always use water unless it is raining. They do not use a generator to power the well equipment, but instead have a power line running electricity to the work area. I looked at the electrical meter and it was working. Their facility process flow diagram matched the onsite equipment lay out (see Figure 1) except the Primary crusher and the secondary crusher had been replaced without notification. I was unable to confirm the serial codes on the conveyors, because I could not locate the tags.

Permit Conditions

1.2 Visible emissions were not observed and the plant was not operating. I did not observe any visible emissions from the stock piles. Trevor informed me that the watering of the aggregate kept the piles damp which was consistent with my observations.

1.3 Material usage limits are set at 2,000,000 tons through put while their MAERS report shows their through put at approximately 98,000 tons. Their onsite records showed hours of production per day which appeared to be consistent with the MAERS reporting.

1.7 Equipment had functioning water sprays attached to drop points and feeding areas. Trevor demonstrated that they were in fact working.

1.8 Testing has not been performed on the new primary jaw crusher or the secondary crusher. This is a violation of the general permit.

1.9 Monitoring and record keeping is based on a number of hours operated per each day and then

divided by the year's production. The AQD of South East Michigan would like to see production per each month divided into the hours of operation at a minimum if not weekly.

1.11 All equipment observed appeared to have appropriate labeling. The labels were consistent with that reported in the permit.

1.12 Miscellaneous / Allowed modifications. The permittee did not update the general permit by submitting the EQO5756 form pursuant to 1.12 a. They also did not comply with 1.12 part e, and test the new equipment as required by federal NSPS Subpart OOO. This is a violation of the general permit.

Appendix A Fugitive Dust Control Plan

Trevor informed me that they did apply calcium chloride as the site got dusty. When I was on site the yard was damp with minimal to no dry spots. Becky could not provide records of the application of chloride, and she stated that they did not record the application. This is a violation of the fugitive dust plan III part d. Grosso trucking also did not maintain records of storage pile watering as required by appendix A part IV section c. Operating while not properly following the fugitive dust plan is a violation of special condition 1.6 of their permit.

Conclusion

Grosso trucking and Supply is in violation of their general permit to install for nonmetallic mineral crushing facilities (see table below).

Condition/Rule Violated	Description	Evidence
Special Condition 1.8, 1.12e and 40 CFR Subparts A and OOO	Verification of visual emission rates at all emission points was not confirmed for new equipment.	There is no record of visual emissions testing for the primary and secondary crusher on site.
Special Condition 1.12 a	Failure to update the general permit by submitting a Process of Information Form (EQP5756)	I spoke to Steve Grosso over the phone, he admitted he did not submit the most recent equipment changes. The AQD has no record of the primary or secondary crushers. The serial codes on both pieces of equipment do not match the current records.
Special Condition 1.6, Appendix A part III d, Appendix A part IV c	Operating FGCRUSHING while not properly following Appendix A fugitive dust control plan.	Grosso trucking does not maintain records of dust suppression applications or watering records.

NAME 

DATE 5/19/16

SUPERVISOR CJE

FIGURE 1
 Grosso Trucking and Supply Company
 Portable Crushing Facility
 Process Flow Diagram

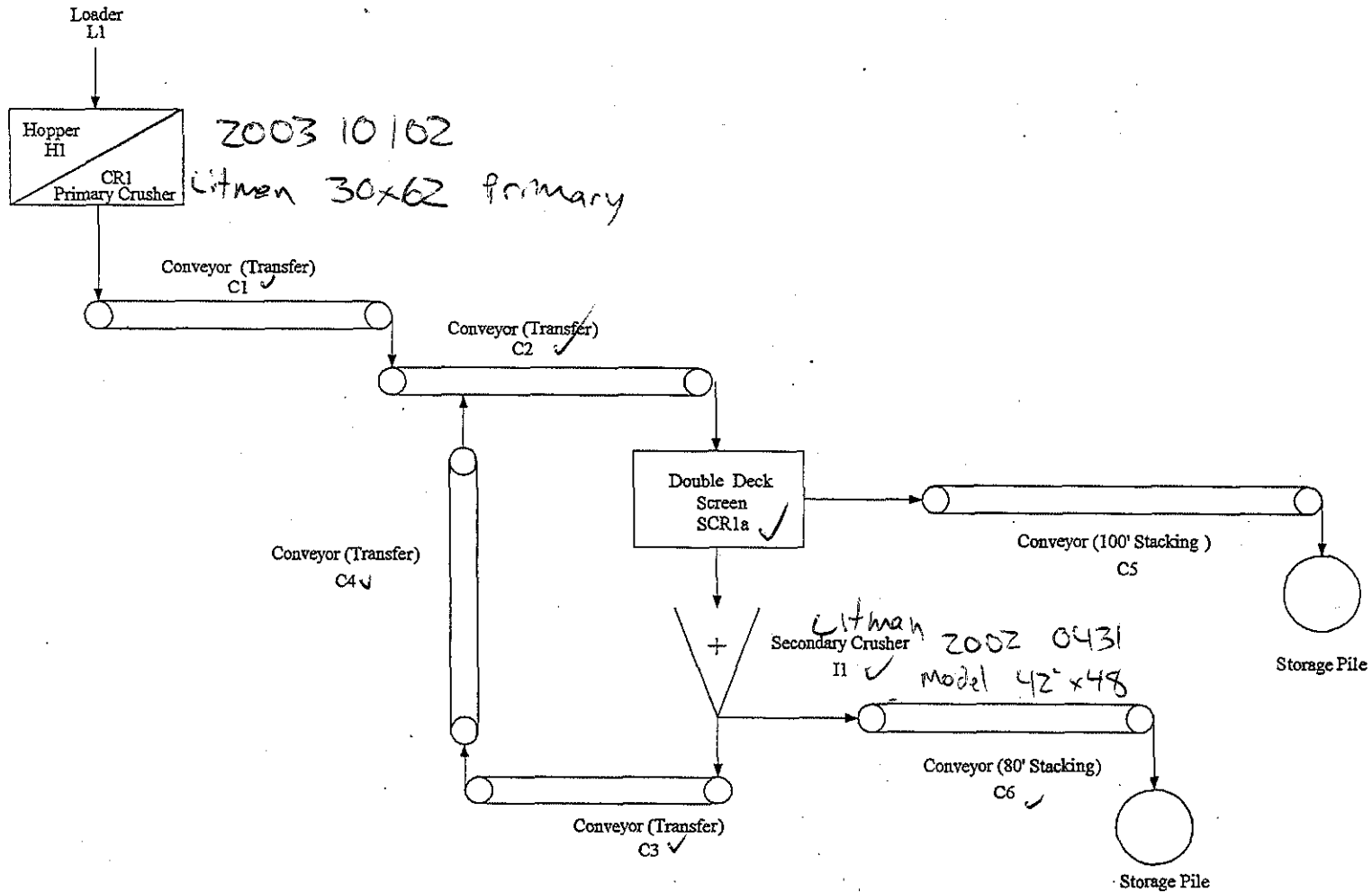


Table 1. Monthly Operations Data- CY2015

Month	Material Crushed (tons/month)	Fuel Usage (gallons/month)
January	2553.9	170.2
February	1289.9	160.0
March	1897.99	239.6
April	6134.20	600.4
May	8644.15	595.6
June	15883.52	944.4
July	10484.35	803.3
August	15749.63	290.4
September	10603.74	630.8
October	10338.03	859.2
November	9545.59	585.6
December	4967.81	353.0
TOTAL	98092.81	6232.50

Table 2. Quarterly/Seasonal Operation-Material Crushed CY2015

Months	Material Crushed (tons)	Throughout (%)
Dec-Feb	8811.61	8.0
Mar-May	16676.34	20.0
Jun-Aug	42117.50	32.0
Sept-Nov	30487.36	40.0
Total	98092.81	100.0

Table 3. Quarterly/ Seasonal Operation Data- Fuel Usage CY2015

Month	Fuel Usage (gallons)	Throughout (%)
Dec-Feb	683.2	11.0
Mar-May	1435.6	23.0
Jun-Aug	2038.1	33.0
Sept-Nov	2075.6	33.0
Total	6232.5	100.0



2015 Crushing Hours of Operation Data

Month	Hours	#of Hours/day	Average Hrs/Day 5day/week
January	0.0	0.0	0.0
February	0.0	0.0	0.0
March	41.0	7.0	5.9
April	30.0	6.0	5.0
May	59.5	13.0	4.6
June	63.5	11.0	5.8
July	69.0	13.0	5.3
August	71.5	11.0	6.5
September	97.5	13.0	7.5
October	78.5	13.0	6.0
November	79.5	13.0	6.1
December	47.5	7.0	6.8
TOTAL	637.5	107.0	6.0

