

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

N664036773

FACILITY: CON AGG INC #243-99		SRN / ID: N6640
LOCATION: PORTABLE CRUSHING PLANT #243-99, SAULT S MARIE		DISTRICT: Upper Peninsula
CITY: SAULT S MARIE		COUNTY: CHIPPEWA
CONTACT: Ed Payment , Foreman		ACTIVITY DATE: 09/22/2016
STAFF: Joe Scanlan	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Unannounced inspection to determine compliance with PTI#243-99 and applicable Michigan Air Pollution Control Rules		
RESOLVED COMPLAINTS:		

FACILITY: *Con Agg Inc. portable gravel crusher*
INSPECTION DATE: 9/22/2016
MDEQ-AQD STAFF

- Joseph Scanlan, EQA

FACILITY REPRESENTATIVE

- Dan Pomranky, Operator
- Ed Payment, Foreman
- Ken Norris, Owner

LOCATION

At the time of inspection, this portable gravel crusher was located at the Simmons Pit located off of Simmons Road, just north of St. Ignace Road, in Marquette Township, Mackinac County.

SOURCE DESCRIPTION

This is a portable gravel crusher.

INSPECTION

On 9/22/2016 I conducted an scheduled inspection of the Con Agg Inc portable gravel crusher permitted under PTI# 243-99. PPE worn during this inspection included steel-toed boots, safety vest, safety glasses and hardhat.

I met with operator Mr. Don Pomranky, Operator. Mr. Payment and Mr. Norris were not on site. The crusher was not operating at the time of my inspection and Mr. Pomranky was running a loader filling gravel trucks. Mr. Pomranky explained that the reason the facility was not operating at that time was due to the need to swap out and move some of the conveyors, etc., so they can change aggregate size. He expected that it will be operating within two days (Saturday ~~10/22~~ 9-24)

There was a 9000 gallon water tank on site to provide dust suppression during operations via spray nozzles installed at transfer points on the primary jaw, cone, and conveyors. The water tank also supplies water used to control fugitive dust on haul roads throughout the pit. No excessive fugitive dust was noted on haul roads or from associated heavy machinery and equipment in the active part of the quarry during the inspection, however the ground was quite wet from recent rains.

The facility is expected to be finished operating at this location by October 1st with 35k tons of aggregate produced at this pit. Mr. Norris (via phone) explained that his crew had crushed approximately 75-80k total tons of product during 2016. The crusher will be moved back to the company's main yard in Sault Ste. Marie once operations are completed at the Simmons Pit.

EMISSION UNIT DETAILS

Emission Unit ID	Description of Emission Unit	ROP/PTI#	Installation/Modification Date	Compliance Status
EU-CRUSHER	Crusher(s) and associated process equipment including grinding mills, drills, screening operations, bucket elevators, belt conveyors, loading and bagging operations, storage bins, enclosed truck or railcar loading stations and any other material handling equipment operated at the site.	PTI# 243-99	8/26/1999	C

EU-CRUSHER

EMISSION LIMIT(S) – Visible emissions

0% opacity limit for:

- Wash screens and all subsequent equipment downstream up to the next crusher or storage bin;
- Any equipment enclosed within a building.

5% opacity limit for:

- Rock drills;
- Wheel loaders and truck traffic;
- Material storage piles.

7% opacity limit for:

- All equipment required by NSPS to be controlled by a baghouse.

10% opacity limit for:

- Screens;
- Conveyors/Transfer points;
- Any other process equipment which is part of the nonmetallic mineral crushing facility or related process.

15% opacity limit for:

- All crushers.

No emissions detected; crusher was not operating at the time of inspection. Water on site and spray bars installed on equipment.

MATERIAL LIMIT(S) – Permittee shall not process more than 2,000,000 tons per year per site; permittee shall not crush asbestos tailings or asbestos-containing waste materials as defined by NESHAP.

- *Permittee will not exceeded 2,000,000 tons/yr at this site nor are they expected to;*
- *Permittee does not crush asbestos tailings or waste materials.*

PROCESS/OPERATIONAL RESTRICTION(S)

Equipment ID Labeling

- *Equipment is labeled according to the company's specific IDs as specified in the application and equipment update forms. The following equipment was on site:*

- T6X20 Telesmith twin screening plant
- C4258 conveyor
- C3034 conveyor
- 52S Telesmith cone crusher
- S4865 stacker conveyor
- 3242 Cedar Rapids Primary Jaw

Control Equipment

- *Crusher and screen are equipped with water spray bars at transfer points however they were not in use at the time of inspection. Permittee had a 9000 gallon water tank trailer on site.*

Fugitive Dust Control Plan

- *There were no issues regarding fugitive dust created by haul vehicles and heavy equipment during the time of inspection.*

RECORDKEEPING/REPORTING

Source emissions data, operating, and maintenance information on file for 2 years

- *Daily and annual records of the amount of material processed for each site the facility operates are on file*

PORTABLE EQUIPMENT

Facility may only be relocated if:

- **There are no unresolved violations regarding MDEQ or Federal regulations;**
- **Shall not be situated at a site for more than 24 consecutive months**
- **Relocation notices submitted to MDEQ not less than 10 days prior to relocation**
- **Shall not be located within 500' or any residential/commercial establishments or place of public assembly; shall not be located within 1000' of residential/commercial establishments or place of public assembly unless prior approval is granted by AQD district office;**
- **Shall have a copy of PTI# 243-99 clearly posted in operators office or workstation;**

Facility meets all the above requirements listed for Portable Equipment.

SUMMARY

Just prior to this scheduled inspection there was an inquiry to Rep. Chatfield's office (107th District) regarding this facility from a resident who owns property and lives adjacent to the Simmons Pit where the crusher was located at the time of inspection. The resident was concerned with the amount of noise from the pit operations (crusher noise, heavy equipment noise, trucking, etc.) and the duration of the project. A response was provided to Rep. Chatfield's office explaining the facility's background, distance from the residence (approximately 3/4 to 2/3 of a mile) and start/end dates of operation at the Simmons Pit. There has been no further contact from Rep. Chatfield's office regarding the complainant.

This facility has had no prior history of complaints or violations. No violations of PTI# 243-99 were observed at the time of this inspection and the facility appears to be in compliance with the remainder of the permit requirements.



Image 1(CA1) : Telesmith twin screening plant T6x20



Image 2(CA2) : Cedar Rapids primary jaw 3242



Image 3(CA3) : Telesmith cone crusher 52S



Image 4(CA4) : Conveyor C4258



Image 5(CA5) : Stacker conveyor S4865



Image 6(CA6) : Conveyor C3034

NAME Joseph J. [Signature]

DATE 9/28/16

SUPERVISOR [Signature]