

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

M189129823

FACILITY: Lafarge, Presque Isle Quarry		SRN / ID: M1891
LOCATION: 11351 East Grand Lake Road, PRESQUE ISLE		DISTRICT: Gaylord
CITY: PRESQUE ISLE		COUNTY: PRESQUE ISLE
CONTACT: Vicki McCoy, Environmental Engineer		ACTIVITY DATE: 06/16/2015
STAFF: Gloria Torello	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Site Visit		
RESOLVED COMPLAINTS:		

AQD's Gloria Torello and Becky Radulski met with Lafarge's Vicki McCoy (tx 989-595-6101) at the quarry. Vicki is new to the facility and the purpose of the visit was for everyone to meet each other, and to view the quarry operations. Site visit observations and information from a follow-up telephone call with Vicki on 6/17/15 are described below.

The access road into the site is under re-construction and very dusty because the water wagon was not applying water. Per conversation with Vicki, Elmer's shall wrap up their phase of the road work by Friday 6/19/15, then the permittee shall water the access road. At a later date the permittee shall apply oil to the road for dust control.

There was dust in excess of 20 percent visible emissions (VEs) from the Sinter Flux Pile conveyor drop point and stock pile, the excess emissions stopped during AQD's observations. Per conversation with Vicki, operation of the Sinter Flux Pile conveyor started in the timeframe AQD staff made the observations. The excess VEs were attributed to dry material that was on the conveyor at start-up. Once the new/wet material ran thru the conveyor the dust was controlled. Torello will remind Vicki the "Fugitive Dust Control Plan for new fines disposal conveyor system" on file with the AQD includes: "...install a misting system at the head of the conveyor discharge..." and discuss updating the Fugitive Dust Plan to include operation of the misting system prior to conveyor start-up.

The distance from the Sinter Flux Pile conveyor drop point and top of the stock pile was not minimized. Torello will remind Vicki the "Fugitive Dust Control Plan for new fines disposal conveyor system" on file with the AQD includes: "...the radial arm stacker can move along a horizontal plane, which will allow us to keep the drop distance to a minimum by building from a fixed height stockpile."

On the Sinter Flux conveyor, there are missing conveyor belt covers. Torello will remind Vicki the "Fugitive Dust Control Plan for new fines disposal conveyor system" on file with the AQD includes plans to install conveyor belt covers along the length of the sinter flux disposal conveyor.

There were visible emissions from the dropping 1/2 - 3/4 inch stone conveyor. Per conversation with Vicki, the operator will check to make sure all spray bars are operating.

A drill rig was in operation and had visible emissions greater than 20 percent. PTI application 186-99 recommended a permit condition for visible emissions from the rock drills not to exceed a 6-minute average of 7 percent opacity. Vicki said the drill rigs typically have curtains. Torello will communicate with Vicki to direct the drill operators install and maintain the curtains on the drill rigs.

A Daily Production and Mill Report record from June 16, 2015 shows:

- year to date total production a 2,854,443, permit 186-99 allows 11,972,650 net tons of limestone per calendar year;
- 2,339 tons/operating hour, permit 186-99 allows 2,900 net tons per hour.

The Dundee formation is being mined. Occasionally the Rogers formation is mined. The facility is working with the local zoning to rezone an area for more mining. A ship was loading during AQD's visit. In Lake Huron there was an area near the ship where AQD staff observed what appeared to be suspended particles in the water that started at the ship.

NAME

Gloria Torello

DATE

6-25-15

SUPERVISOR

