

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

A022450548

FACILITY: Holcim (US) Inc. d/b/a Lafarge Essexville Terminal		SRN / ID: A0224
LOCATION: 1601 Saline St, ESSEXVILLE		DISTRICT: Saginaw Bay
CITY: ESSEXVILLE		COUNTY: BAY
CONTACT: Scott Anderson , Terminal Supervisor		ACTIVITY DATE: 09/24/2019
STAFF: Benjamin Witkopp	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MAJOR
SUBJECT: Scheduled inspection		
RESOLVED COMPLAINTS:		

On September 24, 2019, Ben Witkopp of the Michigan Department of Environment, Great Lakes, and Energy - Air Quality Division (AQD) visited Holcim Inc d/b/a Lafarge - Essexville facility. The site is accessed from Main Street in Essexville. The facility is a Portland cement facility. It is capable of grinding, storage, and handling. The site does not operate a kiln. The site is considered to be a major source for particulate. It is covered by renewable operating permit MI-ROP-A0224-2017.

The site is not subject to the New Source Performance Standards for Portland Cement Plants in 40 CFR Part 60 Subparts A and F. Construction date of the site was prior to August 17, 1971. Modifications did not apparently trigger a change to that status as several new source review permits were issued after 1971.

The facility contact is Scott Anderson. However, on the day of inspection he was in Kentucky. Gene Rosenbrock was the only one at the site. Gene said the site receives cement via ship. The cement is routed from the ship and runs through two pipes towards two banks of silos. Each pipe serves a separate bank of silos. The cement is then loaded into trucks as needed. No packing is being conducted. Also, cement is neither received nor shipped by rail service.

Gene said the the silos were out of cement and a ship was supposed to be in a 4:30 am. However, Scott told him the ship was diverted to another location. Gene said the only thing he loaded today was a a load of clinkers. They go to the wind farms as they are being constructed.

We went to the westernmost silos as that is where records are kept. Particulate emissions are controlled by baghouses. The operators track the pressure drop whenever a silo is used. Records indicated pressure drops were typically in the 3 to 3.5 inches of water pressure. Silos 13 -16 are the ones predominantly used. Silo 23 was used in September of 2019.

The site is subject to the requirements of a fugitive dust plan per Section 5524 of Act 451. Covered domes are empty. There is no outside storage of any materials. There is very limited truck traffic. Sweeping is part of the fugitive dust program. The site was very clean with little to no evidence of fugitive dust.

Realistically, the site could likely void its ROP based on the operational status observed. It would have to show how the equipment no longer in use would be rendered inoperable so as not to have any potential to emit. The remaining equipment could be permitted via new source review.

The facility is considered to be in compliance.

NAME B. Witkopp DATE 9-25-19 SUPERVISOR C. Pace