

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

A243735768

FACILITY: Quikrete		SRN / ID: A2437
LOCATION: 20 N PARK ST, COMSTOCK PARK		DISTRICT: Grand Rapids
CITY: COMSTOCK PARK		COUNTY: KENT
CONTACT: Jeremy Burt , Plant Manager		ACTIVITY DATE: 08/01/2016
STAFF: Kaitlyn DeVries	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Self-Initiated Inspection to follow up on 7/7/16 Complaint and obtain Visual Emissions.		
RESOLVED COMPLAINTS:		

On August 1, 2016 AQD Staff Kaitlyn DeVries (KD) conducted a self-initiated inspection of Quikrete located at 20 N. Park St. Comstock Park, Michigan. The purpose of this inspection was to follow up on the excess emissions from 7/7/2016 and other opacity observations made by AQD staff.

KD arrived at a site adjacent to the facility at approximately 8:40 am. Once situated in a proper location for Method 9 readings, KD conducted visible emissions observations. Please see the attached Visible Emission Observation form for complete details of the readings. The conditions were sunny and 70F with 4 mph ENE breeze. Generally, the emissions from the dryer bag house stack were minimal, but did have periods of 25% - 50% opacity, but that only lasted for less than 30 seconds. The highest reading was 50%, but the overall 6 minute average was 16%, which is below the allowed 20% opacity.

Once KD had completed her observations she went to the facility and met with Mr. Jeremy Burt, Plant Manager. KD spoke with Mr. Burt about the incident that had occurred on the 7th of July and the actions taken to fix this. On that day, KD had spoken to Noel, from Quikrete, who explained that a belt had broken in the dryer and they were replacing it immediately. Mr. Burt went on to explain, during the visit, that the belt lacing leading to the dryer had ripped, and until they could shut it down, product was still trying to be conveyed up into the dryer. Mr. Burt showed KD the location of the belt. KD asked about any additional maintenance they had done on the baghouse or in other areas of the facility. Mr. Burt explained that they do have one (1) new bin vent coming this year in addition to the new one they got last year. He also explained that they will be having a scheduled shut down later this month to replace all of the bags in the baghouse. KD recalled that they had done this last year after the malfunction they had with the baghouse in July. When asked if this was going to be regular maintenance to replace all of the bags each year, Mr. Burt said yes, until they can get a completely new baghouse. KD reminded Mr. Burt that it is always a good idea to check with AQD before commencing any major re-construction projects.

KD reviewed all maintenance records on site as well as the pressure drop readings for the magnehilic for the baghouse. At the time of the inspection, the baghouse pressure drop was reading at 10.3 " water. Based on the available records, the pressure drop had consistently been running at 12" water.

KD will follow up with Mr. Burt on the status of the replacement of the bags in the baghouse. The facility was considered to be in compliance at the time of the inspection.

NAME Kaitlyn DeVries DATE 8/1/16 SUPERVISOR AZ