

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

N191726053

FACILITY: Ajax Paving Industries, Inc.		SRN / ID: N1917
LOCATION: Willow Run Airport, VAN BUREN TWP		DISTRICT: Southeast Michigan
CITY: VAN BUREN TWP		COUNTY: WAYNE
CONTACT: Christine Poe, Vice President-Concrete Division		ACTIVITY DATE: 07/23/2014
STAFF: Erik Gurshaw	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: 2014 Targeted Inspection		
RESOLVED COMPLAINTS:		

SRN: N1917

COMPANY: Ajax Paving Industries, Inc. Plant M-524

COMPANY ADDRESS: 830 Kirts Blvd., Suite 100 Troy, MI 48084

PURPOSE OF INSPECTION: Targeted

CONTACT PERSON: Ms. Christine Poe, Vice-President (Ph: 248-244-3300; Fax: 248-244-0800; Email: cpoe@ajaxpaving.com)

COMPANY PHONE NUMBER: 248-244-3300

On July 23, 2014, AQD staff, Erik Gurshaw, conducted a targeted, announced inspection of Ajax Paving Industries' Plant M-524 (SRN: N1917) operating west of the intersection of Goddard and Middlebelt Roads at Metro Airport in Romulus, Michigan. The purpose of the inspection was to determine compliance with the Federal Clean Air Act; Article II, Part 55, Air Pollution Control of Natural Resources and Environmental Protection Act, 1994 Public Act 451; Michigan Department Environmental Quality, Air Quality Division (MDEQ-AQD) Rules; and Permit-To-Install (PTI) Number 416-88F for a portable concrete batch plant.

Upon arriving at the site, AQD staff introduced themselves and stated the purpose of the visit to Ms. Kathleen Anderson, Environmental Consultant with Axis Environmental Consulting Corporation (Ph: 810-845-3925; Email: kanderson@ajaxpaving.com). Ms. Anderson is Ajax Paving's environmental consultant and is responsible for environmental compliance issues. The AQD received a relocation notice from the company on May 7, 2014, indicating that Plant M-430 would be operating at the location until November 15, 2014. A map marking the location of the site was provided with the relocation notice. It was estimated that the plant would produce 113,000 cubic yards of concrete during this time period. The plant is making concrete for the reconstruction of Taxiway W and Taxiway Sierra at Metro Airport. The aggregate mix used to produce the concrete consists of coarse aggregate, intermediate aggregate, fine aggregate, and cementitious material. These aggregates are mixed at fixed ratios to produce concrete of a desired consistency. Concrete production was occurring at the time of the inspection. The inspection was conducted to determine compliance with PTI Number 416-88F issued to the company for the operation of a portable concrete batch plant.

No opacity was observed to be emanating from any portion of the concrete batch plant during the inspection. The plant is, therefore, being operated in compliance with the opacity limits established in Special Conditions 15 and 16 of its PTI. A baghouse controls particulate emissions from the plant's cement weigh hopper, the two cement mixing drums, and the cement silos. Material collected by the baghouse is recirculated back to the plant. Baghouse maintenance records are being maintained in the plant's Control House. The plant is abiding by the fugitive dust control measures required in its PTI. Specifically, the plant is employing the following measures to control fugitive dust: water is applied to the plant yard and roadways with a water truck when necessary; paved roads are being swept when necessary to control trackout; records of water applications to the plant yard and roadways are being maintained in a binder in the Control House; vehicles entering and leaving the site are tarped and/or covered; plant conveyors and other equipment are routinely inspected to prevent spillage and leaks; drop distances at transfer points are minimized; and stockpiles are watered when necessary. The aggregate used by the plant is supplied by local sand and gravel pits. As previously mentioned, the plant sent a relocation notice indicating that it would be operating at Metro Airport until November 15, 2014, on May 7, 2014. AQD staff verified that a 500 foot setback distance existed

between the plant and any commercial establishment or places of public assembly during the inspection. AQD staff also verified that the plant is maintaining a copy of its PTI in the Control House.

Based on this inspection, it was determined that this Ajax Paving Industries' portable concrete batch plant (SRN: N1917) is in compliance with its PTI and all other applicable air rules and regulations. The following records are attached to this report: the May 7, 2014, relocation notice; baghouse maintenance records from May 27, 2013, until July 7, 2014; 2014 concrete production records; and Dust Emission Control Checklists from June 17, 2014, through July 18, 2014.

NAME Erik Gushaw      DATE 7/24/14      SUPERVISOR CTE