

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

N332549825

FACILITY: PAYNE & DOLAN INC C27		SRN / ID: N3325
LOCATION: C27 PORTABLE ASPHALT PLANT #318-99A, GLADSTONE		DISTRICT: Upper Peninsula
CITY: GLADSTONE		COUNTY: DELTA
CONTACT: JAMES MERTES , ENVIRONMENTAL MANAGER		ACTIVITY DATE: 07/30/2019
STAFF: Michael Conklin	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Targeted inspection for FY 2019		
RESOLVED COMPLAINTS:		

Facility: Payne & Dolan Inc. C27 (SRN: N3325)

Location: PO Box 781, N3W23650 Badinger Rd, Waukesha, WI 53187

Contact: James Mertes, Environmental Manager, 262-524-1849

#### Regulatory Authority

*Under the Authority of Section 5526 of Part 55 of NREPA, the Department of Environment, Great Lakes, and Energy may upon the presentation of their card, and stating the authority and purpose of the investigation, enter and inspect any property at reasonable times for the purpose of investigating either an actual or suspected source of air pollution or ascertaining compliance or noncompliance with NREPA, Rules promulgated thereunder, and the federal Clean Air Act.*

#### Facility Description

Payne & Dolan, Inc. (P&D) is an asphalt material producer and pavement contractor based out of Waukesha, WI. P&D is one of several companies that make up the Walbec Group, which is a collection of companies that provides construction and engineering services. The company owns and operates several portable and stationary asphalt plants in Wisconsin and Michigan, primarily producing hot mix asphalt (HMA). Plant C27 is a portable drum mixer HMA plant with a rated capacity of 350 ton/hr operating under Permit To Install (PTI) No. 318-99C. For 2019, the plant has not operated in Michigan and is currently operating in Wisconsin.

#### Emissions

HMA is produced by the drying and mixing of aggregate, recycled asphalt pavement (RAP), and liquid asphalt cement. HMA plants can be categorized as either batch or continuous mix. Continuous mix plants are further subdivided based on the type of dryer, which can be either a parallel-flow drum or counter-flow drum. The primary source of emissions from all three types of plants is the dryer. Air contaminants emitted include PM from aggregate and gaseous pollutants, consisting of sulfur dioxide (SO<sub>2</sub>), nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), and volatile organic compounds (VOC), from the combustion process of the dryer. A fabric filter collector is primarily used as control for the dryer. Other sources of emissions at HMA plants include fugitive emissions of PM and VOCs from storage silos, truck load-out operations, liquid asphalt cement storage tanks, aggregate storage and handling, and vehicle traffic. Dust suppressants, such as water or calcium chloride, can be used to control fugitive PM emissions.

#### Emissions Reporting

P&D C27 is a synthetic minor source and is subject to the New Source Performance Standards (NSPS), Subpart I – Standards of Performance for Hot Mix Asphalt Facilities. This facility is required to report its annual emissions to Michigan Air Emissions Reporting System (MAERS). For 2018, the plant reported no operations in Michigan.

#### Compliance History

The source was last inspected in 2010 and found to be in compliance with PTI No. 318-99C.

#### Regulatory Analysis

P&D C27 is subject to PTI No. 318-99C, issued on August 31, 2009, for a portable HMA plant. The facility is considered a synthetic minor for HAPs because the source took emission limits to restrict its potential-to-emit (PTE) to below major source thresholds of 10 tpy for individual HAPs and 25 tpy for combined HAP emissions. The facility also took limits to restrict its PTE to 89.9 tpy for each criteria pollutant to stay below major source thresholds of 100 tpy. The source is subject to NSPS, Subpart I, because the source is defined as a hot mix asphalt facility that commenced construction after June 11, 1973.

Inspection

On July 30, 2019, I (Michael Conklin) emailed Mr. Mertes regarding the status of operations on P&D C27. Mr. Mertes responded back stating that the plant is currently operating in Wisconsin. On July 31, 2019, I spoke with Mr. Mertes on the phone regarding potential operations of the plant in Michigan for the rest of the year. Mr. Mertes stated there are no plans of this currently. The plant last operated in Michigan in 2014 at the US-2 Aggregate site in Iron River, MI. The plant operated at this site from May 23 – June 15, 2014 and produced 16,155 tons of HMA.

Compliance

Based on this inspection, Payne & Dolan, Inc. C27 is in compliance with PTI No. 318-99C and all other applicable air pollution control rules and federal regulations.

NAME Michael Conklin

DATE 8/8/2019

SUPERVISOR CFJ