

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

B524038205

FACILITY: PAYNE & DOLAN INC C16		SRN / ID: B5240
LOCATION: C16 PLANT, PERMIT #95-75, GLADSTONE		DISTRICT: Upper Peninsula
CITY: GLADSTONE		COUNTY: DELTA
CONTACT: Greg Dahn , Operator		ACTIVITY DATE: 10/11/2016
STAFF: Joe Scanlan	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Scheduled inspection to ensure compliance with opt-out PTI# 95-75G.		
RESOLVED COMPLAINTS:		

FACILITY: Payne & Dolan C16 is a stationary Hot Mix Asphalt (HMA) plant operating under Opt-Out PTI# 95-75G

INSPECTION DATE: 10/11/2016

- **MDEQ-AQD STAFF**
Joseph Scanlan, EQA
- **FACILITY REPRESENTATIVE**
Greg Dahn, Operator

LOCATION

This facility is located at the Payne & Dolan Three Mile Road site in Gladstone Township, Delta County. The surrounding area is rural with scattered residences; the closest residence is 0.5 miles from the plant.

REGULATORY SUMMARY

This source is stationary (portable) drum mix asphalt plant, ADM model 8434, with a maximum output of 250 tons (tph). Required control device is a baghouse.

This facility was issued a revised General PTI in 1998 to provide a federally enforceable limit on production and all facility to be considered a synthetic minor source, allowing them to 'opt-out' of being required to operate under a Title V Renewable Operating Permit (ROP). It is not considered a Category I facility. It is considered a Category II facility, it is subject to NSPS Subpart 1.

Special Condition #13 has a sulfur content limit of 0.5% for fuel oil.

Special Condition #14 was added during the 1998 revision of this PTI and includes a 0.04 grain per dry standard cubic foot (dscf) of exhaust gases. Stack test data has been supplied by the company and is in compliance with the 0.04 grain emission limit.

Special Condition #18 limits asphalt mix to a maximum of 40% recycled asphalt product (RAP).

INSPECTION

On 10/11/2016 I conducted an scheduled inspection of Payne & Dolan's C16 stationary asphalt plant permitted under PTI#95-75G. PPE worn during this inspection included steel-toed boots, safety vest, safety glasses and hardhat.

The plant was not operating at the time of my inspection. I met with operator Mr. Greg Dahn, Plant Operator, upon arrival at the entering the control room. Mr. Dahn was courteous and was prompt in producing a copy of PTI# 95-75G and providing the records requested, which were maintained in an organized and orderly fashion in the control room. The plant operator also has direct access to the company's online database which houses all necessary records as well.

The plant has produced 54,794 tons during 2016 at the time of inspection at an average of 200 tph. Mr. Dahn said the plant started on 10/08/2016 and produced 283 tons of asphalt mix that day.

Oil analysis records showed sulfur and halogen contents meeting the requirements of Special Condition #13. Fuel oil usage is 1.9 - 2.1 gallons per ton of HMA.

When utilizing RAP the plant typically produces an asphalt mix of 20-25% RAP.

The filter bags in the bag house are inspected visually and with a black light every Spring during start-up operations. For the 2016 operating year this occurred on 5/26/2016; 750 bags were replaced and inspected at that time. Since that inspection Mr. Dahn replaced two additional bags. Operating records show a magnahelic pressure drop of between 2.5 -3.1" of H₂O for the 2016 operating season. There are approximately 150 spare bags on site.

The facility has a paved entrance road and water irrigation sprayers are installed around the yard. No visible emissions or fugitive dust was noted on haul roads or from associated heavy machinery or equipment.

<u>EMISSION UNIT DETAILS</u>	Description of Emission Unit	ROP/PTI#	Installation/Modification Date	Compliance Status
Emission Unit ID				
EUASPHALT	Portable (stationary) Hot Mix Asphalt drum plant, ADM model 8434, Max output of 250 tph	PTI# 95-75G	1998	C

SUMMARY

No violations of PTI# 95-75G were observed at the time of this inspection and the facility appears to be in compliance with the permit requirements.



Image 1(C16 - 1) : Load-in area of plant

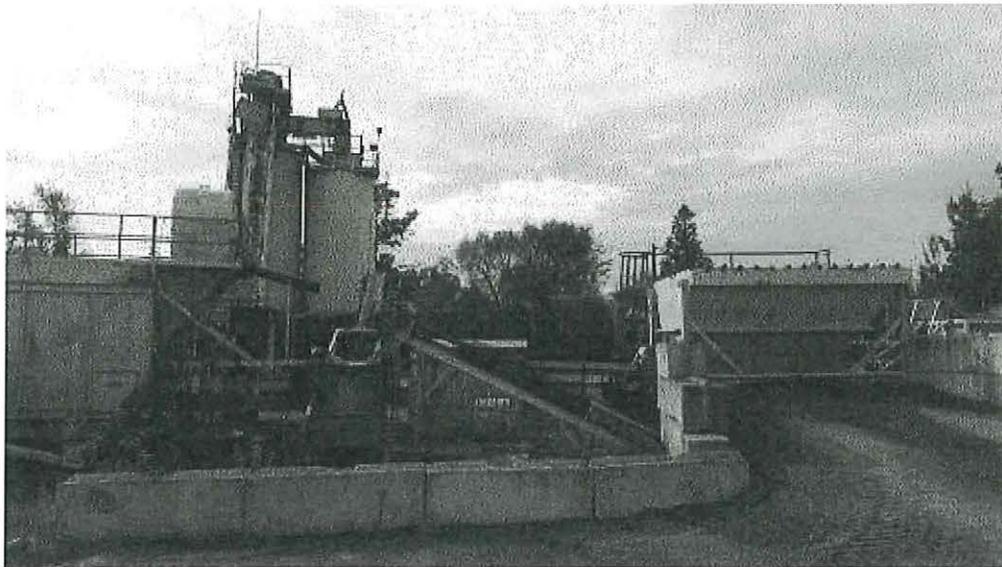


Image 2(C16 - 2) : Load-in area of plant

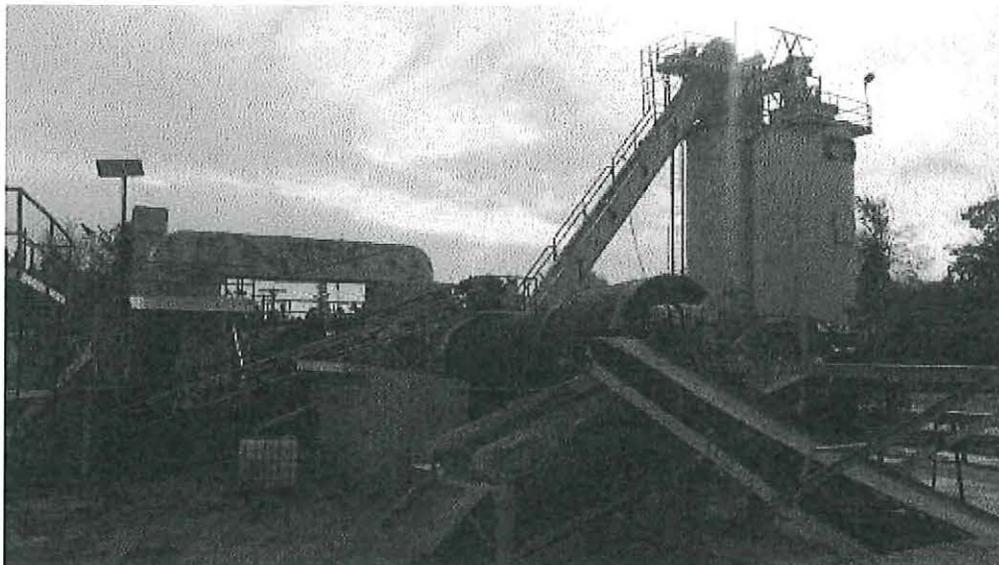


Image 3(C16 - 3) : View of plant

NAME Jason

DATE 11/1/16

SUPERVISOR ELF

