



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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JB PRITZKER, GOVERNOR

JOHN J. KIM, ACTING DIRECTOR

## Inspection Report

GENERAL INFORMATION			
Report Date:	April 15, 2019	Inspection Date:	April 4, 2019 & April 9, 2019
Inspector:	Gopi Ramanathan	Last Inspection Date:	August 8, 2018

SOURCE INFORMATION	
LOCATION	
Facility ID #:	031600QKI
Complaint ID#:	A2019-0401-006 (two complainants/complaints)
Company Name:	MAT Asphalt, LLC.
Street Address:	2055 West Pershing Avenue
City, County:	Chicago, Cook
State, Zip Code:	IL 62705-3813
Contact/Title:	Joe Haughey, Plant Manager
Contact Phone/Fax:	773-577-7000; 773-831-5084; 773-617-0789
Contact Email:	jhaughey@MATasphalt.com

SCOPE OF INSPECTION
<p><b>April 9, 2019:</b> Per information received by the Agency on 4/3/19, an inspection was scheduled to determine if the "White Structure" identified as "Unknown Structure" and a pile identified as "Unknown Material" in the Satellite Photo covering various structures adjacent to MAT Asphalt plant property are under the control of MAT. Also, this inspection was conducted to verify if the site plot plan extended beyond the plot plan submitted to the Agency in the FPOP.</p> <p><b>April 4, 2019:</b> An inspection was scheduled to investigate two citizen complaints received on asphalt odors - Complaint ID#: A2019-0401-006.</p>

PERMITS INFORMATION			
RELEVANT OPERATING AND/OR CONSTRUCTION PERMITS FOR INSPECTION			
Type	Permit #	Description	Date Last Issued
Const. Permit	17070024	Hot Mix Asphalt Plant	10/26/2017

INSPECTION ARRIVAL		EPA - DIVISION OF RECORDS MANAGEMENT RELEASABLE	
WEATHER CONDITIONS on April 9, 2019			
Arrival Time:	1:40 PM	JUL 12 2019	
Sky:	Cloudy		
Wind:	10 mph	Direction:	West
Temperature:	62 °F	Relative Humidity:	29% <b>REVIEWER: MED</b>

4302 N. Main St., Rockford, IL 61103 (815) 987-7760  
 595 S. State St., Elgin, IL 60123 (847) 608-3131  
 2125 S. First St., Champaign, IL 61820 (217) 278-5800  
 2009 Mall St., Collinsville, IL 62234 (618) 346-5120

9511 Harrison St., Des Plaines, IL 60016 (847) 294-4000  
 412 SW Washington St., Suite D, Peoria, IL 61602 (309) 671-3022  
 2309 W. Main St., Suite 116, Marion, IL 62959 (618) 993-7200  
 100 W. Randolph St., Suite 4-500, Chicago, IL 60601

<b>INSPECTION ARRIVAL</b>			
<b>WEATHER CONDITIONS on April 4, 2019</b>			
Arrival Time:	1:30 PM		
Sky:	Cloudy, light rain		
Wind:	16 mph	Direction:	East
Temperature:	43°F	Relative Humidity:	89%

<b>OFF-SITE SURVEILLANCE AND OBSERVATIONS</b>	
<p><b><u>April 9, 2019: Off-site Observation Timings: 1:20 PM to 1:40 PM</u></b>            Prior to the inspection, at around 1:20 PM, author parked across the street, walked the streets on Pershing Road for about one block in either direction away from the plant entrance. No asphalt type odors were experienced during these off-site observations, around the facility.</p>	
<p><b><u>April 4, 2019: Off-site Observation Timings: 1:15 PM to 1:30 PM</u></b>            Prior to the inspection, at around 1:15 PM, the author was parked on the street just outside the plant premises and walked to the entrance of the McKinley Park, 2210 W. Pershing Road, approximately one block west and one block east on Pershing road to Damen avenue and north on Damen avenue for one block to observe if any asphalt type odors were experienced at these locations. No asphalt type odors were experienced during these off-site observations around the facility.</p>	
Facility Representatives:	Joe Haughey, Plant Manager.

<b>INSPECTION NARRATIVE</b>
<p><b><u>April 9, 2019: Inspection Timings: 1:40 PM to 3:40 PM</u></b>            Joseph Haughey, Plant Manager was contacted. The plot plan submitted by the facility in the FPOP was compared with the Google Photo imagery. The white Structure and the unknown pile area in the far west end of the property were observed.</p> <p>As per discussions with Haughey, the entire site is owned by Michael Tadin Sr. MAT Asphalt LLC., is leasing a portion of the land for its use. The far west end of the land is leased by a landscape company called Beverly Landscaping Inc. The white structure is storing top soil used for landscaping. This structure is not a building. It is built with sea containers, stacked one on top of another on two sides and has a white canopy top. There is no crusher in the white structure. The unknown pile was landscape soil stored in that area. From observations, a small quantity of this soil was left on the ground, approximately 5 cubic yards.</p> <p>MAT Asphalt plant equipment such as portable crusher and crushing plant conveyors are located approximately 200 feet east of the land area leased by the landscaping company. The parcel of land leased by MAT Asphalt is paved.</p> <p>The source was maintaining the pre-heated asphalt storage tanks at the minimum temperature for the liquid asphalt to remain in a viscous flowing state, to produce hot mix asphalt. The source was doing maintenance on plant equipment and was not making HMA- Hot mix asphalt during this inspection. The portable crusher was also down during this inspection. The source has replaced the diesel engine at this crusher with an electric motor to eliminate diesel usage and any potential emissions from diesel combustion. Mr. Haughey was requested to submit the required permit application forms, to incorporate this change and revise their permit.</p> <p>The site plan submitted with the FPOP, attached, represents the MAT Asphalt leased areas. The land area to the east and west of it does not contain any MAT Asphalt equipment or operations and is not included in the plan.</p>



Agency ID: 170002238816      Media File Type: AIR  
Bureau ID: 031600QKI  
Site Name: MAT Asphalt LLC  
Site Address1: 2055 W Pershing Ave  
Site Address2:  
Site City: Chicago      State: IL      Zip: 60609-

**This record has been determined to  
be partially or wholly exempt from  
public disclosure**

**Exemption Type:**

**Redaction**

**Exempt Doc #: 46      Document Date: 4/9/2019      Staff: MED**

**Document Description: NARRATIVE OF INSPECTION**

Category ID: 01      Category Description: FIELD OPERATIONS/INSPECTIONS      Exempt Type: Redaction  
Permit ID:      Date of Determination: 7/12/2019

**April 4, 2019: Inspection Timings: 1:30 PM to 3:40 PM**

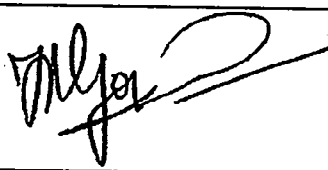
This inspection was conducted to investigate a citizen complaint on odors, A2019-0401-006 (two complainants/complaints). The facility was not producing hot mix asphalt during this inspection. The crew was doing all necessary repairs on all process equipment to be able to start the production in a few weeks. The asphalt storage tanks were observed. The source was pre-heating the asphalt storage tanks and rest of the plant operations were down. There were no odors in the plant next to the storage tanks. The author walked the plant premises all the way to the plant entrance, which is approximately 300 feet from the storage tanks. No odors were experienced. No odors were noted during the inspection, on or off site. The Asphalt tank temperature was at 266°F. Mike Trecker, Service Technician from GENCOR, who repairs asphalt plant mechanical and electrical equipment, was available during this inspection. He explained the process emission collection system, the blue smoke burner in the rotary drum and the relevant pressure drop gauges in the control room monitors. The source is exploring the possibility of installing condensers on top of the storage tanks to condense the vapors into liquid form and re-introduce into the tank, making it a closed loop system to minimize any emissions while tanks are filled or heated. Mr. Haughey was advised to submit to the Agency's permit section a description of this storage tank condenser system and submit applicable permit application forms to incorporate this add-on control equipment in to their permit.

Complainant [REDACTED] was contacted after the inspection. [REDACTED] indicated that there were no odors for the past few days.

**CLOSING**

Departure Time:	3:40 PM on April 4 <sup>th</sup> and April 9 <sup>th</sup> , 2019
Violation(s) Alleged:	None
Recommended Action(s):	Follow-up inspection while the facility is in operation.

**SIGNATURE**

<b>SIGNATURE</b>	
REPORT CERTIFICATION:	

cc: DAPC – Division File  
 DAPC/FOS –