

PROPOSED PROJECT SUMMARY

UNIVERSAL COATING, INC. – FLINT, GENESEE COUNTY, MICHIGAN

The Michigan Department of Environment, Great Lakes, and Energy, Air Quality Division (AQD), is asking for comments from the public on a proposed Permit to Install (PTI) for Universal Coating, Inc (Universal). The AQD will accept comments on the proposed PTI until the close of the comment period on February 15, 2024. We will review all comments before we make a final decision on the proposed permit.

WHAT DOES THE COMPANY CURRENTLY DO?

Universal operates an existing facility at 5204 Energy Drive in Flint, Michigan (Figure 1). The facility applies coatings and adhesives to miscellaneous metal and plastic parts, mostly for the automotive industry. The coating operations consist of phosphate pre-treatment lines, spindle spray booth lines, dip spin units, a roll coater line, a powder coating booth, hand spray booths and tumble spray lines. The company also operates a burn-off oven to remove coatings primarily from metal tooling used on the applicator lines and occasionally from metal parts. Sand blasting is performed to pre-treat metal parts for coating. A vapor degreaser is also used to clean parts.

WHAT IS UNIVERSAL PROPOSING TO DO?

The company is proposing to install and operate two new tumble spray coating lines.

WILL THERE BE INCREASES IN AIR POLLUTANTS?

The emission limits in the proposed permit are not increasing above the existing emission limits in Universal's current permit.

WHAT IS A PTI AND WHY IS ONE NEEDED?

A PTI, commonly known as an air use permit, is required for projects that involve installing, constructing, reconstructing, relocating, or modifying most processes or process equipment that emit, or may emit, air contaminants, such as the two new

tumble spray coating lines Universal is proposing to install.

The AQD has reviewed the application and written proposed permit conditions that include requirements to make sure the project complies with all applicable air rules and regulations.

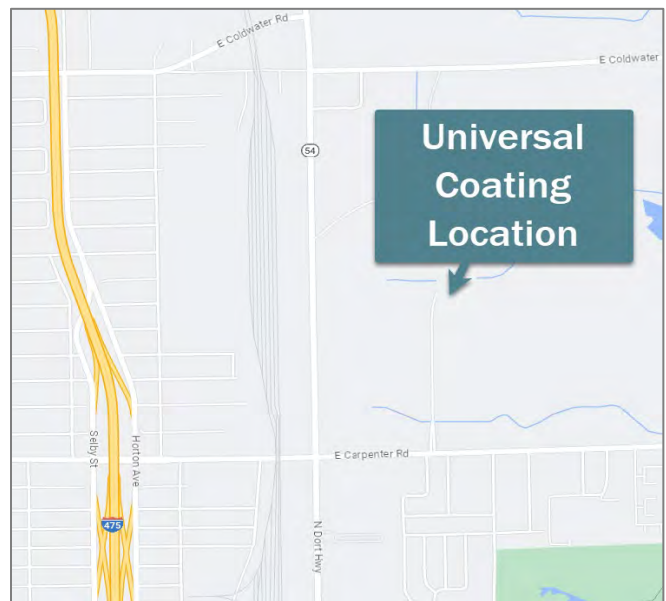


Figure 1: Location of Universal Coating

WHY IS UNIVERSAL OUT FOR PUBLIC COMMENT?

There are several reasons why a proposed permit will be opened for public comment. This can be because certain rules are triggered, that the emissions are over a certain amount or that there is public interest. In this case, Universal is going out to public comment due to significant public interest.

WHAT IS THE CURRENT AIR QUALITY IN THE AREA?

The United States Environmental Protection Agency (USEPA) has developed health-protective standards for specific air pollutants. These standards are called the National Ambient Air Quality Standards (NAAQS).

There are NAAQS for [some pollutants](#): sulfur dioxide (SO₂), nitrogen dioxide (NO₂), carbon monoxide (CO), particulate matter equal to or less than 10 microns in diameter (PM₁₀), particulate matter equal to or less than 2.5 microns in diameter (PM_{2.5}), ozone and lead.

Poor air quality from high levels of pollution can cause health problems. The NAAQS are developed from research studies and set at levels to protect public health. This includes health protection for sensitive groups, like those with heart and lung problems.

The facility is located in Genesee County, Michigan which is currently meeting all of the NAAQS. The AQD operates an air monitoring station in Genesee County. The Genesee station measures PM_{2.5} and ozone.

WHAT DO I REALLY NEED TO KNOW ABOUT THE PROPOSED PERMIT?

The proposed permit has specific requirements Universal would have to follow if the permit is approved. Key areas you may be interested in, or that you may want more details on, include:

- **Emission limits** – limits on the amount of specific air pollutants that would be emitted.
- **Process restrictions** – restrictions on the way the process is performed.
- **Operational restrictions** – restrictions on the way that the equipment is operated.
- **Monitoring and Recordkeeping** – records required to show that permit conditions are met.

WILL AIR QUALITY STANDARDS BE MET?

Yes, the NAAQS are expected to be met when Universal operates according to the proposed permit. This was determined using a computer model to look at how the emissions from the proposed project would impact the air quality in the area surrounding Universal. This type of computer model is called an air dispersion model and considers many factors, such as amount and type of emissions, prevailing wind direction and more.

Michigan has also developed health-based screening levels for additional pollutants referred to as toxic air contaminants (TACs) under its Air Toxics rules. The model showed that the expected impacts of the TAC emissions are less than the applicable health-based screening levels.

WHAT ABOUT NOISE, TRAFFIC, AND ZONING?

The AQD evaluates the potential air emissions from the proposed facility to determine if they comply with the air quality rules and regulations. The AQD does not have authority to regulate noise or traffic outside the facility and does not have authority to evaluate compliance with local zoning requirements.

WAS TRANSLATION INTO OTHER LANGUAGES DONE?

An evaluation of the number of people who speak English “less than very well” within a 1-mile radius of the proposed project’s location was done. This is required by EGLE’s [Limited English Proficiency Plan](#) using an environmental justice screening tool like USEPA’s [EJSCREEN](#). The evaluation found that translation was not required. If you or someone you know needs this information in an alternate format, contact EGLE-Accessibility@Michigan.gov.

WHERE CAN I FIND MORE INFORMATION?

Other information, like the [Technical Fact Sheet](#) and the [proposed permit conditions](#) can be found at Michigan.gov/EGLEAirPublicNotice, choose “Applications Open for Comment.” Universal’s application and other related information can be found under PTI application No. APP-2023-0147 on the [Other Applications of Interest](#) page.

The Technical Fact Sheet has additional details about the project and how it will meet the rules and regulations, such as:

- A summary of the reviews completed by AQD staff.
- How the project will affect air quality and public health.
- A summary of what the proposed permit would require Universal to do.
- A summary of the allowed emissions that are included in the proposed permit.
- The rules and regulations that apply to the proposed project.
- Example emission calculations.

AQD staff can provide additional information upon request.

SUMMARY:

The AQD has reviewed the PTI application submitted by Universal and prepared a proposed permit. If the proposed permit is approved, it will ensure the facility meets the applicable air quality requirements. Therefore, we recommend approving the proposed permit.

However, before the AQD acts on the PTI application, we are requesting comments from the public. The AQD will review all comments received during the public comment period then decide whether to approve, approve with modifications or deny the proposed PTI application. If approved, the AQD may decide to add or change permit conditions based on the comments received.

WHAT IF I HAVE QUESTIONS?

For more information about the proposed permit, please contact Nick Carlson, AQD, at: CarlsonN1@Michigan.gov or 517-582-5160.

WHAT PUBLIC COMMENTS CAN EGLE CONSIDER?

Comments from the public are very important. But it is also important to know the law is clear about what we can and cannot consider when we make our decision. Some examples are below.

What we can consider	What we can't consider
<ul style="list-style-type: none"> ✓ Technical mistakes in the review ✓ Grammar and spelling mistakes ✓ Other rules the action should consider and why ✓ Why the action will not follow the rules 	<ul style="list-style-type: none"> • Air, land, or water issues not part of the project • Indoor air pollution • Traffic • Noise and lights • Zoning issues • Anything unrelated to the project

HOW CAN I MAKE A COMMENT?

The AQD welcomes comments from the public during the comment period. Prior to making a comment, it is a good idea to “[View an Example](#)” of how to do it. You may also want to read the “[Public Hearings - What you should know](#)” card.

Documents pertaining to Universal can be found at: Michigan.gov/EGLEAirPublicNotice

You may submit comments in a variety of ways by February 15, 2024:



Via email

EGLE-AQD-PTIPublicComments@Michigan.gov



Via US mail

Cindy Smith, Permit Section Manager, EGLE, AQD, P.O. Box 30260
Lansing, MI 48909-7760



Via voicemail

by calling 517-284-0900



At the Public Hearing

on **February 8, 2024**, following the information session which begins at 5:30 p.m. in the Gloria Coles Flint Public Library, 1026 East Kearsley Street, Flint

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