

## PROPOSED GENERAL PERMIT SUMMARY:

### Portable Hot Mix Asphalt Plant

#### Purpose

The Michigan Department of Environment, Great Lakes, and Energy (EGLE), Air Quality Division (AQD), is asking for comments from the public on a proposed General Permit to Install (general PTI) for a portable hot mix asphalt (HMA) plant. Comments will be accepted on the proposed general PTI until the close of the comment period on September 28, 2026. We will review all comments before we make a final decision on the proposal.

#### What is a portable HMA plant?

A HMA plant consists of several components including:

- A counter-flow drum dryer and mixer,
- Cold feed bins,
- Conveyor belts,
- A vibrating screen,
- Liquid asphalt cement (AC) tanks with associated heaters,
- Aggregate storage piles,
- On-site roads, and
- Storage silos.

HMA plants manufacture paving materials, primarily for the road construction industry. HMA paving materials are a mixture of aggregates and asphalt cement which are heated and mixed. Recycled asphalt pavement (RAP) is often used to reduce the quantity of virgin aggregates used in the mix. This reuses waste material and reduces the amount of liquid asphalt cement that must be added.

Figure 1 shows a diagram of a generic asphalt plant. In a counter-flow drum mixer, the aggregates are moved through a rotating drum in the opposite direction of fuel combustion products. The drum is inclined with the aggregate feed chute located at the top and the burner located at the bottom. RAP is added at the approximate midpoint of the dryer drum. Asphalt cement is introduced at the lower end of the drum where rotation of the drum coats aggregates with asphalt cement. The asphalt cement mixing zone is located behind the burner flame zone to prevent direct contact with the flame. The emission controls associated with the process include capturing and controlling exhaust from the mixing drum and top of the silos as well as fugitive dust control measures.

A portable HMA plant is allowed to move to different locations within Michigan if the requirements of the general PTI are met. Before a portable HMA plant can relocate, a notification to the AQD must be submitted demonstrating the requirements in the general PTI will be met.

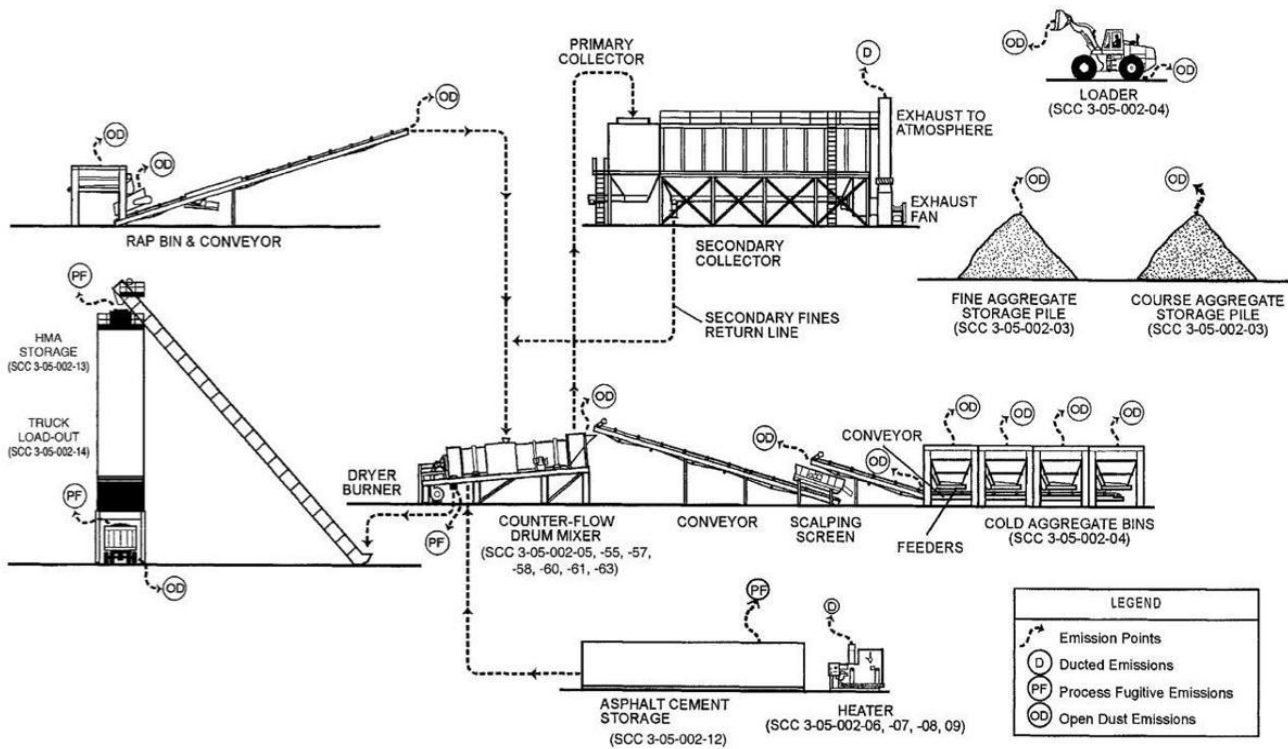


Figure 1: Example of a hot mix asphalt plant process

### What is a General 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 a portable HMA plant.

A general PTI is a permit that provides a streamlined permitting alternative for processes that are:

- Reasonably similar.
- Emit the same or similar air contaminants.
- Use the same or limited to a small number of specific alternative methods for capturing and controlling air contaminants.
- Subject to the same emission limitations, monitoring requirements, federal standards, or state rules.

### What is this general PTI for?

The general PTI would allow a company to install and operate a portable HMA plant with a counter-flow drum dryer and mixer. The plant would be limited to making 500 tons of HMA per hour. It cannot process more than 500,000 tons of HMA per year for all locations. A portable HMA plant is allowed to relocate within Michigan if the requirements in the general PTI are met. Such as notifying the AQD District Supervisor, no outstanding violations, where the facility can be located and for how long, and what documents must be

included in the notification. The proposed permit conditions include requirements to make sure the equipment complies with all applicable air quality rules and regulations.

### Why is the general PTI open for public comment?

When the AQD wants to create or modify a general PTI for a process like a portable HMA plant, the law requires that the public be offered an opportunity for public comment.

### What do I really need to know about the proposed general PTI?

If the proposed general PTI is approved, it has specific requirements a facility would have to follow. Key areas you may be interested in, or that you may want more details on, include:

- **Emission limits** – limits on the amount of air pollutants a facility could release.
- **Material limits** – limits on the amount of HMA produced and the types of fuels used.
- **Monitoring and Recordkeeping** – monitoring of emissions and records that must be kept to show the requirements in the general PTI are met.
- **Plant Relocation** – requirements about where the plant can be relocated and for how long.

### What equipment will be included in the proposed general PTI?

The proposed general PTI is for the installation and operation of a portable HMA plant. The plant includes the following equipment:

- A portable counterflow drum dryer and mixer with a fabric filter dust collector.
- Aggregate conveyors.
- Liquid AC storage tank(s) with heater(s). The AC tanks are controlled with a vapor condensation and recovery system.
- HMA paving materials product storage silo(s). The top of the silo(s) is controlled with a capture and control system.
- Fugitive dust sources include:
  - Plant roadways,
  - Plant yard,
  - Material storage piles, and
  - Material handling operations.

### 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](https://Michigan.gov/EGLEAirPublicNotice).

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

- A summary of the reviews completed by AQD staff.
- A summary of the requirements in the proposed general PTI.
- A summary of the allowed emissions that are included in the proposed general PTI.
- The rules and regulations that apply to the proposed general PTI.

## Proposed General Permit Summary – Portable Hot Mix Asphalt Plant

AQD staff can provide additional information upon request.

### What are the next steps?

If approved, permittees will have a streamlined process to obtain a permit that meets the air quality rules and regulations. Therefore, we recommend approving the proposed general PTI.

However, before the AQD acts on the proposed general PTI, we are requesting comments from the public. We will review all comments received during the public comment period and virtual public hearing, if held. Then, the proposed general PTI will either be approved, approved with modifications, or it may be decided that the general PTI will not move forward.

### Who can I contact?

For more information about the proposed general PTI, please contact Lauren Magirl, AQD, at: [MagirlL@Michigan.gov](mailto:MagirlL@Michigan.gov) or 517-582-0386 or Ambrosia Brown, AQD, at [BrownA39@Michigan.gov](mailto:BrownA39@Michigan.gov) or 517-730-1158.

### 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"><li>✓ Technical mistakes in the review</li><li>✓ Grammar and spelling mistakes</li><li>✓ Other rules that should be considered and why</li><li>✓ Why the general PTI will not follow the rules</li></ul> | <ul style="list-style-type: none"><li>• Air, land, or water issues not part of the general PTI</li><li>• Indoor air pollution</li><li>• Traffic</li><li>• Noise and lights</li><li>• Zoning issues</li><li>• Anything unrelated to this general PTI</li></ul> |

### How can I make a comment?

The AQD welcomes comments from the public during the comment period. Visit “[Engage with EGLE](#)” and check out [Public Meeting](#) and [Public Comment](#) for more information.

Comments must be received by September 28, 2026. You can submit comments by:



#### Email

[EGLE-AQD-PTIPublicComments@Michigan](mailto:EGLE-AQD-PTIPublicComments@Michigan)



#### Voicemail

by calling 517-284-0900



#### US Mail

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



At the virtual public hearing, if requested

### Will a public hearing be held?

If requested, a public hearing will be held. To request a hearing, send a written request by email or US mail to the address listed above by September 17, 2026. If requested, a virtual informational session will be held on September 24, 2026, at 6:00 p.m. The informational session will further explain the proposed general PTI and the technical review that was done. There will also be a chance for the public to ask questions. The virtual hearing will follow immediately after. If requested, meeting details will be posted after September 17, 2026 at [Michigan.gov/EGLEAirPublicNotice](https://Michigan.gov/EGLEAirPublicNotice).

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