

# ENVIRONMENTAL COMPLIANCE FOR GROWERS AND PROCESSORS OF MARIJUANA

## Guidance

In order to protect Michigan's environment, marijuana growing and processing operations may be subject to Michigan Department of Environment, Great Lakes, and Energy (EGLE) regulations. The following is a summary of environmental regulations that apply to cannabis cultivation and processing. It is the responsibility of the licensee to comply with all applicable regulations. If you need assistance in understanding the environmental regulations or how to achieve compliance, please contact the Environmental Assistance Center at 800-662-9278 or [EGLE-assist@michigan.gov](mailto:EGLE-assist@michigan.gov).

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## AIR

- **Permit to Install (PTI)** – Every stationary source of an air pollutant is required to obtain an approved PTI before installing equipment. Some exemptions may apply. Go to [Michigan.gov/Air](https://Michigan.gov/Air) then choose “Permits.”
- **Renewable Operating Permit (ROP)** – Renewable Operating Permit (ROP): I required if your activity or process has the potential to emit at or above the major source threshold for any air pollutant. Go to [Michigan.gov/Air](https://Michigan.gov/Air) the choose “Renewable Operating Permits (ROP) / Title V.”

## MATERIALS MANAGEMENT

- **Permits, Licenses, Authorizations and Procedures:** Depending on the character and volume of waste generated, you may require a permit, license, other authorization, or implement procedures to manage the following wastes from your facility.
- **Solid waste** - Marijuana (cannabis) wastes can be incinerated at an approved facility, sent to a licensed municipal solid waste landfill, or composted at an approved site. A list of approved sites can be found at [Michigan.gov/egleCompost](https://Michigan.gov/egleCompost).
- **Hazardous Wastes** – items like grow bulbs, batteries, cleaning chemicals, extraction chemicals, and pesticides could be a regulated hazardous waste. For more information please go to [Michigan.gov/egleWaste](https://Michigan.gov/egleWaste), then choose “Hazardous Waste.”
- **Liquid Industrial By-Products** – visit [Michigan.gov/egleWaste](https://Michigan.gov/egleWaste), choose “Hazardous Waste,” then “Hazardous Waste and Liquid Industrial By-Products.”
- **Liquid industrial By-product** shipped off site for disposal may require a registered and permitted transporter. Go to [Michigan.gov/egleWaste](https://Michigan.gov/egleWaste), then choose “Transporters”.
- **Solid waste and hazardous waste** marijuana guidance can be found at [Michigan.gov/MRA](https://Michigan.gov/MRA) under “Laws, Rules and Other Resources.” Select “MRA Bulletins.”

## WATER

- Water Withdrawal Permit – [Michigan.gov/WaterUse](https://www.michigan.gov/WaterUse)
  - Groundwater or Surface Water Withdrawals
  - Large Quantity Water Withdrawals
- Soil Erosion and Sediment Control / Stormwater Construction Permit – [Michigan.gov/SoilErosion](https://www.michigan.gov/SoilErosion)
- National Pollutant Discharge Elimination System Permit, for Wastewater Discharges  
[Michigan.gov/egleNPDES](https://www.michigan.gov/egleNPDES)
- Groundwater Permit, for Wastewater Discharges – [Michigan.gov/GroundwaterDischarge](https://www.michigan.gov/GroundwaterDischarge)
- Floodplain Permit – [Michigan.gov/FloodplainManagement](https://www.michigan.gov/FloodplainManagement)
- Wetlands Protection Permit – [Michigan.gov/Wetlands](https://www.michigan.gov/Wetlands)
- Inland Lakes and Streams Protection Permit – [Michigan.gov/egleInlandLakes](https://www.michigan.gov/egleInlandLakes)
- Great Lakes Shorelands Permit – [Michigan.gov/Shorelands](https://www.michigan.gov/Shorelands)
- EGLE/USACE Joint Permit Application [Michigan.gov/JointPermit](https://www.michigan.gov/JointPermit)

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