

# AIR MANAGEMENT PROGRAM FACT SHEET



## How Does a Wastewater Treatment Facility get a Registration Permit?

June 2023

### Registration permits

The air registration permit (ROP) allows small wastewater treatment facilities to quickly register for a permit as long as they maintain low air emissions.

### Application process

To apply, complete the fillable PDF form appropriate to the type of the ROP (Type A or Type B). Applicants receive a decision within 15 business days. Each ROP contains facility-wide emission caps as well as monitoring, recordkeeping and reporting requirements. The permit allows a facility to make changes without the need for a construction permit. This type of permit never expires. The annual fee is \$400.

The **Type A registration permit** is available for qualifying wastewater treatment facilities that have air emissions below 25 tons per year of each criteria pollutant, 2.5 tons per year of each federal hazardous air pollutant, 6.25 tons per year of all federal hazardous air pollutants combined and 0.5 ton per year of lead.

The **Type B registration permit** is available for qualifying wastewater treatment facilities that have air emissions below 50 tons per year of each criteria pollutant, 5 tons per year of each federal hazardous air pollutant, 12.5 tons per year of all federal hazardous air pollutants combined and 0.5 ton per year of lead.

### Required information to apply:

Collect the following information to complete the ROP application form.

- Facility information:
  - facility identification number (FID) if the facility has one (if not, leave blank and one will be assigned)
  - 2022 NAICS code (221320)
  - facility plot plan that includes stack parameters, fences, and property boundaries
  - inventory of equipment that has air pollutant emissions (boilers, engines, generators located on site and at lift stations off site, storage tanks for petroleum products)
  - inventory of air pollution control devices (baghouses, filters, oxidizers, flares)
- For each boiler:
  - heat input capacity
  - fuel types
  - date of construction or modification

- For each engine and generator:
  - know the date of order, manufacture, modification or reconstruction
  - maximum power rating
  - make, model and type and fuel types
  - manufacturer's specification sheet
  - for spark ignition engines, know whether it is lean or rich burn
  - for compression ignition engines, know the engine displacement
- For each other type of emissions unit (example: anaerobic digester):
  - date of installation and first operation
  - maximum rating or throughput, per hour and per year
  - expected normal usage, per hour and per year
  - make, model and type, and any fuel types
  - manufacturer's specification sheet

If a generator engine is subject to [NSPS Subpart JJJJ](#) and it is powered by digester gas, then the facility will not be eligible for a ROP. Due to the variability of the digester gas composition, engine manufacturers are unable to certify that the engine will continuously meet federal emissions standards for hazardous air pollutants when using digester gas.

## Application resources

Each ROP has a separate application form and different eligibility criteria that must be met before a facility can apply. Reviewing the application guide for the ROP will explain the different eligibility criteria addressed by the application questions.

Type A ROP:

- [Type A Registration Permit factsheet \(AM-364\)](#) explains the program and who qualifies.
- [Registration Permit Application Guide for Type A Registration Permits \(AM-539\)](#) explains the criteria for each application question.

Type B ROP:

- [Type B Registration Permit factsheet \(AM-531\)](#) explains who qualifies and how it differs from Type A ROP.
- [Registration Permit Application Guide for Type B Registration Permits \(AM-546\)](#)

Copies of the final ROPs are available for review as well as application forms, a ROP application checklist, and emissions modeling forms (if needed) on the different tabs for each ROP on the [Registration Permit options](#) webpage.

For assistance with emissions calculations, view these SBEAP spreadsheets:

- [Actual Emissions Worksheet](#) (SB-301)
- [Maximum Theoretical Emissions \(MTE\) calculations worksheet](#) (SB-300)

## Compliance assistance

Once covered by a ROP, a facility must demonstrate compliance on a regular basis. Records must be kept, annual permit certifications and emissions reports submitted, emissions maintained below permit limits, and many other requirements must be met. The [Registration Permit Compliance Checklist \(AM-519\)](#) assists facilities in meeting the compliance requirements under the ROPs.

Visit the [Air Pollution Permits](#) webpage from the DNR's Small Business Environmental Assistance Program (SBEAP) for information and helpful fact sheets relating to air permits.

### Engines:

- [Controlling Air Pollution from Stationary Engines](#) webpage for a summary of the federal rule.
- The [Combustion Portal's RICE](#) webpage offers additional information for engines.
- ICE [REG NAV](#) is EPA's online quiz for help determining applicability of the RICE rule and the requirements for different engines.

### Boilers:

- EPA's [Small Entity Compliance Guide for Area Source Boilers](#) contains a summary of the federal boiler rule and walks through the process of determining the requirements for various boilers.
- The [Combustion Portal's boiler](#) website summarizes information about the federal rule, and provides some state-specific information.
- Combustion Portal also offers [Combustion Emission Calculators](#) to help calculate emissions from boilers burning various fuels.
- EPA's [Boiler Compliance](#) website provides a summary of the federal boiler rule along with news about the current status of changes.
- EPA's Boiler [Reg Nav](#) Tool can help sort out the requirements for your equipment.

### Compliance with Wisconsin's Hazardous Air Pollutants (HAPs) rule

- For information on DNR's Air Toxics Program, visit the [Air Regulations](#) webpage and click on the state regulations tab. This page provides an overview of the state HAPs rule.
- The hazardous air pollutant chemicals in Wisconsin are listed in the [state rule, ch. NR 445](#) and on DNR's [Chemical Table](#) spreadsheet. More details on how to use the spreadsheet are on the Chemical spreadsheet tool tab of the [Air Toxics webpage](#).

### Technical assistance

Those needing help from an environmental consultant can check these fact sheets available from SBEAP:

- [Tips for Hiring an Environmental Consultant](#) (SB-005)
- [List of Consultants](#) (SB-004)

### Questions?

The Small Business Environmental Assistance Program (SBEAP) provides information to Wisconsin small businesses in understanding air pollution requirements and how to comply with regulations. The program is advisory, non-regulatory and free of charge. For questions about these regulations and how they affect facilities, contact SBEAP at (855) 889-3021 or [DNRSMBusiness@wisconsin.gov](mailto:DNRSMBusiness@wisconsin.gov).

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