

Industrial Waste Landfills

Subpart TT, Greenhouse Gas Reporting Program

Measure these parameters for each landfill that meets the requirements of 40 CFR 98.460 and 98.461:



What Must Be Monitored?

Each industrial waste landfill:

- Annual quantity of each waste stream disposed of in the landfill (W_x in Equation 1 of TT).
- For each type of cover material (either organic cover, clay cover, sand cover, or other soil mixtures), determine the surface area (in square meters (m^2)) at the start of the reporting year for the landfill sections that contain waste.
- For each waste stream for which you elect not to use the default degradable organic carbon (DOC) values in Table TT-1 of Subpart TT, determine the DOC value by either using a 60-day anaerobic biodegradation test or via the total and volatile solids measurements following Standard Method 2540G “Total, Fixed, and Volatile Solids in Solid and Semisolid Samples.”

Each industrial waste landfill using a gas collection system must also monitor:

- Flow rate (or cumulative volume) of landfill gas collected before any treatment equipment (daily).
- Methane (CH_4) concentration of collected landfill gas (daily, if available, or weekly).
- Temperature of landfill gas (daily, if available, or weekly).
- Pressure of landfill gas (daily, if available, or weekly).
- Moisture content of landfill gas (daily, if available, or weekly).
- Operating hours for each destruction device (and back-up destruction device, if applicable).
- Annual operating hours of the gas collection system associated with each measurement location.
- Gas collection system operating hours per year.
- The number of wells of the gas collection system.
- Surface area, average depth of waste, and associated estimated collection efficiencies of areas with the different soil type covers and gas collection system operation listed in Table HH-3.



For More Information

For additional information and resources on Subpart TT, please visit the [Subpart TT webpage](#).

This monitoring checklist is provided solely for informational purposes. It does not replace the need to read and comply with the regulatory text contained in the rule. Rather, it is intended to help reporting facilities and suppliers understand key provisions of the GHGRP. It does not provide legal advice; have a legally binding effect; or expressly or implicitly create, expand, or limit any legal rights, obligations, responsibilities, expectations, or benefits with regard to any person or entity.