

# Odor Control/RCRA Subtitle D Landfills: Association of State and Territorial Solid Waste Management Officials Report



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The Association of State and Territorial Solid Waste Management Officials (“ASTSWMO”) issued a December 2020 report titled:

*Odor Control at RCRA Subtitle D Landfills (“Report”)*

The *Report* was prepared by ASTSWMO’s Solid Waste Disposal and Conversion Task Force of the Materials Management Subcommittee.

The *Report* was produced as:

... a resource for solid waste regulators and others for addressing the generation and management of landfill gas and odors.

Topics addressed in the *Report* include:

- Typical gases generated at landfills
- Conditions that affect gas generation and migration
- Potential remedies to landfill odor issues
- Summary of results from a nationwide survey on regulatory requirements regarding landfill odor
- Case studies in landfill odor management

Chapters and subchapters of the *Report* include:

- Governmental Odor Requirements
- Federal Odor Requirements
- State Odor Requirements
- Elements of Landfill Odor
- Methane & Carbon Dioxide
- Sulfur-containing Compounds
- Ammonia (and Other Nitrogen-containing Compounds)
- Non-Methane Organic Compounds
- Odors Associated with Landfill Fires
- Factors Affecting Odor Development
- Meteorological Conditions
- Operational Impacts

- Odor Control Options
- Landfill Operations
- Odor Control Products and Technologies
- Case Studies
- Appendix A – Links to State Regulations
- Appendix B – H<sub>2</sub>S Odor Control Strategies

A copy of the Report can be downloaded [here](#).