

HEART OF FLORIDA LANDFILL

ODOR MITIGATION

Modern landfills like Heart of Florida provide essential regional waste solutions and operate under strict regulation, with the shared goal of managing waste responsibly.

Environmental stewardship is a core responsibility that guides every aspect of our operations. We continuously invest in technologies and practices that reduce and eliminate environmental impacts, including advanced odor-neutralizing technology designed to mitigate against odors leaving our facility.

Additional expansion of our odor mitigation system is underway, moving through Florida's thorough permitting and inspection process to ensure every enhancement meets the state's rigorous environmental standards before it goes into service.

Here's how we're **actively reducing odor at HOF:**

FULL-SCALE ODOR MITIGATION SYSTEM

Our facility uses targeted technology to neutralize odor at its source rather than simply mask it. Our efforts meet and exceed odor control standards required under FDEP guidelines (Florida Administrative Code 62-296.320).

Vapor Odor-Neutralizing System:

Installed in Fall 2025, this system is engineered to neutralize common odorous compounds. To our knowledge, HOF is the only operation in the county to implement this proactive measure.

Significant System Expansions:

Already underway for 2026, with additional enhancements planned for 2027, each moving through Florida's stringent design and permitting process to ensure every enhancement meets the state's rigorous environmental standards before it goes into service.

Gas Collection and Treatment:

In 2021, HOF began a full-scale odor management and control system (OMCS) with over 100 gas extraction points that convey collected landfill gas to a flare for thermal treatment. Since 2024, HOF has annually expanded the OMCS to further enhance landfill gas collection.



DAILY COVERAGE & CONTAINMENT

Our facility uses proven methods to contain odor at the working face of the landfill every single day.

Daily Coverage:

The active working face is covered daily with a thick layer of soil and other permit-approved coverings, reducing odor and exposure at the source.

Regulated Materials:

Soil and materials used for coverage are maintained and applied in accordance with state and federal requirements.

SEALED RAIL TRANSPORT

HOF has incorporated a new rail transport system that uses fully enclosed, sealed rail cars.

Sealed and Leak-Tested:

Every container is welded, leak-proof, and tested in two feet of water before it ever leaves the manufacturing facility.

Fewer Trucks On the Road:

One rail train replaces roughly 40 truck trips a day, cutting traffic and truck emissions.

Proven, Purpose-Built Containers:

The patented rail containers have been used safely in waste transport for over 20 years.

Controlled Handling:

The rail system will not accept containers that leak. Containers stay sealed throughout transport and are opened only once they reach the landfill, using specialized equipment on retrofitted dump trucks.



Our Commitment: Heart of Florida Landfill continues to invest in proven technology and best practices so we can serve our region responsibly. With these principles in mind, we believe our operational practices and commitment to high-performance standards represent one of the most comprehensive approaches to odor management in Central Florida.

