



DFW Landfill is a regional facility that provides safe and convenient disposal services for communities, businesses, and industries serving Collin, Dallas, Denton, and Tarrant Counties.

Across North America, Waste Management's approximately 250 disposal facilities employ the latest advances in landfill technology. This facility is engineered with environmental protection systems that meet or exceed rigorous government regulations and is subject to highly regulated monitoring and reporting requirements. Systems include engineered liners, leachate collection and removal, and landfill gas collection and control.

CONTAINMENT DESIGN

DFW Landfill complies with U.S. Environmental Protection Agency (EPA) and Texas Commission of Environmental Quality (TCEQ) regulations for municipal and solid waste landfills. The facility employs a multi-layer composite liner system that includes an engineered clay barrier and a 60-mil high-density polyethylene (HDPE) membrane to contain the waste deposited in it, and to manage both leachate and the landfill gas naturally produced by decomposition inside the waste mass. In addition, it employs robust measures to protect the quality of both surface and groundwater, air quality and overall environmental quality.

LEACHATE COLLECTION & TREATMENT

The leachate collection system consists of a permeable layer of engineered materials and piping just above the bottom portion of the liner designed to collect and drain fluids from the landfill; above this is a two-foot layer of soil that protects the liner and system. The collected leachate is discharged into the City sewer line via a force-main, leading to the City of Lewisville POTW.

GROUNDWATER MONITORING

Waste Management safeguards groundwater in the area by regularly sampling and analyzing water from monitoring wells. To protect surface water, the site manages storm water runoff using silt fences, rock dams, erosion control mats and other best management practices.

LANDFILL GAS MANAGEMENT

DFW Landfill collects and manages landfill gas through a flare system and it also generates renewable energy, reduces emissions, and prevents odor. The system collects landfill gas through over 170 wells. The collected landfill gas powers two landfill gas-to-energy plant, which converts the landfill gas into enough electricity to provide power to approximately 5,000 home. Unused gas is burned off at an on-site flare. A series of gas probes that have been installed around the perimeter of the facility to detect any potential migration of landfill gas.

SECURITY

Site security is ensured by controlled, limited access to the facility as well as perimeter fencing and natural barriers. The facility can only be accessed via a single gate, which directs all traffic to a gatehouse occupied during business hours by trained personnel. During non-business hours the gate is locked and monitored by electronic surveillance.

*EFFECTIVE JANUARY 1, 2020

DFW Landfill will only accept previously contracted waste.
New Monday- Saturday hours of operation.

YEAR OPENED

1972

YEAR WASTE MANAGEMENT ASSUMED OWNERSHIP

1978

FACILITY ACREAGE

854

PERMITTED ACREAGE

316

OWNERSHIP

Waste Management of Texas, Inc.

REGULATORY AGENCIES

Texas Commission on Environmental Quality (TCEQ)

PERMIT NUMBER

1025B

EMPLOYEES

25

CONTACT INFORMATION

DFW Landfill
1600 South Railroad Street
Lewisville, TX 75067
972 316 2223

HOURS OF OPERATION

Monday-Friday 6 AM - 5 PM*
Saturday 6 AM - 1:30 PM*

PUBLIC AFFAIRS

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