



## DFW Landfill

Serving the greater Dallas area, DFW Landfill provides local businesses and industries with professional disposal services that are safe, convenient and meet the highest standards for environmental compliance.

### Containment Design

Waste Management's facilities are designed using a composite liner system that provides a positive barrier for groundwater protection. The liner system consists of a 60-mil High Density Polyethylene (HPDE) liner in direct contact with a 2 ft. thick layer of compacted soil. The final cover system (cap) consists of either an 18 inch compacted earthen material, a 60mil HPDE Liner, a geonet (drainage layer) and 18 inches of protective soil or Evapo-transpiration (ET) cap (which promotes plant growth). ET final covers allow moisture to return to the air by evaporation from the soil and transpiration from plant surfaces.

### Groundwater Monitoring

DFW Landfill's groundwater monitoring system consists of 32 perimeter wells (4 up-gradient and 28 down-gradient). The monitoring network is sampled and analyzed quarterly in accordance with the site's approved groundwater plan.

### Landfill Gas Management

Hillsboro Landfill has an active gas collection system, which pulls landfill gas from a series of vertical and horizontal collectors from within the landfill. The gas system collects approximately 400 cubic feet per minute of landfill gas that is managed by a blower and flare system at the site.

### Leachate Collection & Treatment

A network of perforated pipes and sumps, in conjunction with the liner system, collect leachate, which is discharged into the City sewer line via a force-main, leading to the City of Lewisville POTW.

### Landfill Gas Recovery Power Plant

The Gas Recovery Power Plant at the DFW Landfill has been producing "green energy" for the community since 1988. This gas plant runs 24 hours a day, seven days a week. Methane gas is collected through a series of pipes and converted to electricity and a dedicated power line is used to deliver the electricity to the power distribution system. A flare is used as a backup system to manage the landfill gas, if the power plant is offline.

The facility generates approximately 77,200,000 Kilowatt-hours of electricity annually. Harnessing this energy source extends the availability of non-renewable sources, reduces the amount of greenhouse gasses benefiting both the community and the environment.

#### WASTE MANAGEMENT DFW LANDFILL

1600 A. South Railroad  
Lewisville, TX 75067

#### HOURS OF OPERATION

Contact 713 423 1714 or  
wmsolutions.com

#### YEAR OPENED

1979

#### PROJECTED LIFE REMAINING

10 years

#### FACILITY ACREAGE

854 acres

#### PERMITTED FOOTPRINT

314 acres

#### PERMITTED CAPACITY

36 million yards

#### TONS PROCESSED ANNUALLY

1.2 million tons

#### OWNERSHIP

Waste Management of Texas

#### PERMIT TYPE & PERMIT #

TCEQ Permit #1025B

#### NUMBER OF EMPLOYEES

?

## Security

DFW Landfill limits access to a single point of entry at the scale house, which is monitored by our cameras to ensure all loads are screened for unacceptable or hazardous waste. During off hours, the gate is locked and monitored by cameras.

## Acceptable Material

CERCLA Waste	Munisipal Solid Waste (MSW or household waste)
Construction & Demolition (C&D)	Solidification
Contaminated Soil (TPH up to 1500 ppm)	Special Waste (Auto fluff)
Industrial (Class 2 & 3) and Clas 1 Asbestos	Yard Waste

## Unacceptable Material

Batteries	Medical Waste (Untreated)
Hazardous Waste	Used Oil & Filters
Radioactive Waste	Whole Tires

## Additional Services Provided

Tualatin Valley Waste Recovery Center  
Public Recycling Drop-Off Area

## Approval Process

Waste Management has a defined waste screening protocol for each of its Subtitle D non-hazardous waste facilities, which protects both our employees and the environment. For all industrial and special waste streams, the generator or agent must complete a Generator's Non-Hazardous Waste Profile (available online at wmsolutions.com) for review by our technical staff.

## Risk Mitigation

Waste Management provides the highest level of services, backed with state-of-the-art site design and management systems, to minimize risks and reduce liabilities from fines, lawsuits, sanctions or other legal or regulatory actions.

## Awards

DFW Landfill is proud to have received the following awards and citations:

- Excellence in Environmental Performance Award 2010

## Community Partnerships and Involvement

DFW Landfill is proud to be an active supporter of the following events, charities, schools and service groups:

- Coppell Chamber of Commerce Member and Sponsor
- Educational programs in local public and private schools of Lewisville, Carrollton, Coppell, Flower Mound and Lake Cities
- Flower Mound Chamber of Commerce Member, Leadership Class and Sponsor
- Greater DFW Recycling Alliance Board Member and Texas Recycles Day Sponsor Keep Texas & American Beautiful Affiliate Sponsors in local communities
- Keep Texas Beautiful Board of Directors Member and Annual Conference Sponsor
- Lewisville Chamber of Commerce Member, Leadership Class and Sponsor
- Metrocrest Chamber of Commerce Member, Leadership Class Project and Sponsor
- Quarterly Blood Drives with the American Red Cross
- State of Texas Alliance for Recycling Executive Board Member and Annual Conference Sponsor



### CONTACT

#### Technical Support

TSC Houston  
1901 Afton  
Houston, TX 77005  
800 963 4776  
TSCTexas@wm.com

### COMMUNITY RELATIONS

#### Pamela Ducas

214 626 8856 or pducas@wm.com

### COMMUNITIES SERVED

City of Carrollton  
City of Farmers Branch  
City of Lewisville  
Collin  
Dallas  
Denton  
Tarrant

