



Conroe Landfill

Serving the northern Houston metro area, Conroe Landfill provides local businesses and industries with professional disposal services that are safe, convenient and meet the highest standards for environmental compliance.

Containment Design

Conroe's landfill cells are constructed using a composite liner system that provides a positive barrier for groundwater protection. The liner system consists of a 100-mil High Density Polyethylene (HDPE) liner in direct contact with a three-foot thick layer of compacted soil with a minimum hydraulic conductivity of 1×10^{-7} cm/sec.

Leachate Collection & Treatment

The LCRS (Leachate Collection and Removal System) is composed of a high permeability drainage layer, a network of perforated collection pipes and leachate collection sumps equipped with extraction pumps and clean-out pipes used in conjunction with the composite liner system. Leachate is conveyed from the collection sumps via pumps and hoses directly into storage tanks. The LCRS is designed to maintain a leachate depth averaging less than 12 inches.

Groundwater Monitoring

The groundwater monitoring system provides an early detection of potential releases from the facility. The system consists of 26 perimeter groundwater monitoring wells (7 up-gradient and 19 down-gradient). The system was designed based upon an evaluation of the local groundwater flow regime and site stratigraphy. The groundwater monitoring network is sampled and analyzed semi-annually.

Gas Management

This facility is permitted as a non-hazardous, industrial waste facility and does not generate methane gas.

Security

Security for the Conroe Landfill is ensured by controlled, limited access to the facility as well as perimeter fencing and electronic surveillance. 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.

CONROE LANDFILL

2525 N. Loop 336 East
Conroe, TX 77301
800 963 4776

HOURS OF OPERATION

8:00am–4:30pm Monday–Friday
Closed Saturday

YEAR OPENED

1992

FACILITY ACREAGE

237 Acres

CAPACITY

8.57 million tons

PROJECTED LIFE REMAINING

36 years

TONS PROCESSED ANNUALLY

425,000 tons

OWNERSHIP

Waste Management of Texas

PERMIT TYPE & PERMIT

ISW Permit #SW-39001

WASTE MANAGEMENT

Acceptable Material

- Asbestos – Friable
- Asbestos – Non-Friable
- Auto Shredder Residue
- Biosolids
- E&P Waste
- Industrial and Special Waste

Unacceptable Material

- Hazardous Waste
- Radioactive Waste
- 761 Regulated PCBs
- Untreated Red Bag Medical Waste

Additional Services Provided

- Drum Management – Solids and Liquids
- Solidification

Approval Process

Waste Management has a defined waste screening protocol for each of its 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 waste profile (available online at wmsolutions.com) for review by our technical staff.

Community Partnerships and Involvement

Waste Management is proud to be an active supporter of community events and programs that make our area a cleaner and healthier place to live, work and play.

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| Audubon Texas | Humble Area Chamber of Commerce |
| Carverdale Super-Neighborhood | Humble Baseball Program |
| Cy Fair Chamber of Commerce | Humble Education Foundation |
| Cy Fair ISD Education Foundation | Humble Rodeo, Chute Sponsor |
| Don't Mess With Texas | Keep Houston Beautiful |
| Earth Day | Kingwood Chamber Rotary Club |
| Education Foundation Grant Program | Numerous local schools |
| Harris County HHW Event | The Woodlands Children's Festival |
| Houston Zoo Cans for Critters campaign | Recycle Event |



CONTACT

Technical Support
TSC Texas
800 963 4776

COMMUNITY RELATIONS

Lisa Doughty
713 647 5546

COMMUNITIES SERVED

Northern Houston counties

