

ATASCOCITA RDF

ATASCOCITA RDF LANDFILL

3623 Wilson Road
Humble, TX 77396

Located just northeast of Houston.

CONTACT INFORMATION

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Houston, TX 77055
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HOURS OF OPERATION

Contact 800-WMDisposal
or visit www.WMDisposal.com

Your Non-Hazardous and Special Waste Disposal Solution

Waste Management's approximately 300 disposal facilities employ the latest advances in landfill technology. From carefully selecting new landfill locations to installing state-of-the-art liners to expertly capping landfills that have been filled to capacity, Waste Management makes every effort to ensure its sites' operational integrity as well as the safety of surrounding ecosystems. As stewards of the environment, Waste Management sees that all its landfills are designed, constructed, operated and maintained to meet or exceed all local, state and federal regulations.

Atascocita RDF

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

Containment Design

Landfill cells are constructed using a composite liner system that provides a positive barrier for groundwater protection. The liner system consists of a 60-mil High Density Polyethylene (HDPE) liner in direct contact with a three-foot thick layer of compacted soil. The final cover system contains 18 inches of compacted earthen material a 60-mil HDPE liner, a geonet/geotextile drainage layer, and 18 inches of protective soil cover.



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.

Groundwater Monitoring

The groundwater monitoring system consists of 29 perimeter groundwater monitoring wells (4 up-gradient and 25 down-gradient). The groundwater monitoring network is sampled and analyzed semi-annually in accordance with the procedures of the facility's Groundwater Sampling and Analysis Plan.

Gas Management

The methane monitoring, collection and management system feeds directly to a flare followed by a co-generation facility that produces electricity. This methane gas collection system consists of over 150 gas wells linked together by PVC piping connected to a large industrial blower that pulls the gas into the flare and co-generation facility. Twenty-four perimeter probes are monitored quarterly to detect any methane gas leaving the facility.

Security

Site security 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.

ATASCOCITA RDF

About the Site:

Year Opened: 1981
Communities served by this location:
 Greater Houston and surrounding communities
Size: 550 acres
Capacity: 20.2 million tons
Total Life Expectancy: 47 years
Number of Tons Disposed Annually:
 1.04 million
Ownership: Waste Management of Texas
Permit Information:
 TCEQ Permit # 1307C

Accepted Wastes and Services

The following waste types are accepted at Atascocita RDF:

- Asbestos - Friable
- Asbestos - Non-Friable
- Auto Shredder Fluff
- Biosolids
- CERCLA Waste
- Construction and Demolition (C&D) Debris
- Drums - Solids
- E&P Waste
- Industrial and Special Waste
- Municipal Solid Waste (MSW)
- Yard Waste

Unacceptable Waste

Atascocita RDF does not accept the following wastes:

- 761 regulated PCB
- Class 1 Industrial Waste*
 * Except for Class 1 RACM
- Hazardous Waste
- Radioactive Waste
- Untreated Red Bag Medical Waste
- Wastes failing the paint filter test

Additional Site Information

Industrial Waste Disposal - Waste Management provides the highest level of industrial and special waste services backed with a written indemnification that protects customers from fines, lawsuits, sanctions or other legal/regulatory actions.



*From everyday collection to environmental protection,
 Think Green®. Think Waste Management.*

Waste Receipt Standard - Waste Management has a defined waste screening protocol for each of its Subtitle D non-hazardous waste facilities. This waste screening procedure is used to protect 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 www.WMDisposal.com) for review by our technical staff. Oftentimes, the profile must be accompanied by analyses, MSDS, or other pertinent information. Manifests or Waste Shipment Records must generally accompany the waste shipment each of its Subtitle D non-hazardous waste.

Awards

Atascocita RDF is proud to have received the following awards and citations:

- Mayors Proud Partner Award for Greening up the Bayou City in December, 2007
- Woman of Achievement Award, 2006
- Family Time Crisis Center Award, 2007
- City of Houston Humanitarian Award
 -Lisa Doughty, Community Relations Manager

Community Partnerships and Involvement

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

- Audubon Texas
- Carverdale Superneighborhood
- City of Humble Recycling Event
- Cy Fair Chamber of Commerce
- Cy Fair ISD Education Foundation
- Don't Mess With Texas Tarping Campaign
- Earth Day at the Houston Zoo Cans for Critters campaign
- Education Foundation Grant Program
- Harris County HHW Event
- Humble Area Chamber of Commerce
- Humble Baseball Program
- Humble Education Foundation
- Humble Rodeo, Chute Sponsor
- Keep Houston Beautiful
- Kingwood Chamber of Commerce
- Neighborhood Clean-Up Programs
- Rotary Club
- The Woodlands Children's Festival
 Recycle Event