

**Proposed City of Waco Landfill  
Permit Application No. MSW-2400  
McLennan and Limestone Counties, Texas  
Application Summary**

**A. Purpose of the Proposed Facility**

Type I Municipal Solid Waste Disposal Facility (Landfill)

**B. Information About the Applicant**

Name: City of Waco  
Applicant Type: Government  
Facility Name: City of Waco Landfill  
Permit Application Number: MSW-2400  
Customer Number (CN): 600131940  
Regulated Entity Reference Number (RN): 110471307

**C. Location of the Proposed Facility**

**Facility Address (or description of site location if no address):** 4730 TK Parkway, Axtell, McLennan & Limestone Counties, Texas, 76624

**Link to Map of Facility Location (TCEQ Location Mapper):** <https://arcg.is/0ayiCa0>

**D. Information about Facility Operation**

**What type of wastes will be received?**

Municipal solid waste, household waste, yard waste, commercial waste, Class 2 and Class 3 industrial solid waste (non-hazardous), construction-demolition waste, and approved special wastes, as defined in Title 30 TAC §330.3(154).

No Hazardous wastes, and no Class 1 industrial solid waste will be accepted.

**What geographical area would the wastes come from?**

The landfill will provide disposal capacity for residences, businesses, and industries located primarily in the communities of McLennan and Limestone Counties and other nearby counties.

**What days and hours would the facility operate?**

The waste acceptance hours will be between the hours of 7 a.m. and 7 p.m., Monday through Saturday. Operations may only occur between 5 a.m. and 9 p.m., Monday through Saturday. The primary entrance gate will be opened at 5:30 AM on days that the facility is in operation to minimize queuing on FM 939. The landfill will be closed on Sundays and most holidays. The facility may request alternate operating hours for special occasions. or to address disaster or other emergency situations.

**At what rate would wastes be accepted?**

The initial projected waste acceptance rate is anticipated to be approximately 1,070 tons per day, and the maximum projected waste acceptance rate is anticipated to be approximately 1,590 tons per day.

**How would wastes be managed?**

Access to the waste fill area(s) will be controlled at the facility entrance by Customer Services Representative(s) responsible for maintaining records of vehicles entering the facility and screening for unauthorized and prohibited wastes. The Facility will have a Citizen's Convenience Station (CCS) to reduce small vehicular traffic at the working face (where waste is unloaded). This CCS will be used for the acceptance and storage of waste, which will be disposed at the working face, and acceptance and storage of recyclables for transport to an authorized recycling or disposal facility. Facility personnel will also monitor incoming vehicles for unauthorized or prohibited wastes at the CCS and landfill working face. Facility personnel will be present at all areas where waste is being unloaded to monitor unloading of waste. The working face will be confined to a minimum area consistent with the incoming waste stream. At the end of each operating day, the exposed solid waste fill areas will be covered by at least 6 inches of daily soil cover or 12 inches of intermediate soil cover.

**E. Pollution Control Methods****What methods would the facility use for containing wastes and odors, and monitoring for releases?**

The solid waste containment system consists of a composite liner (2 feet compacted clay liner and 60-mil high-density geomembrane liner), leachate collection and removal system, and placement of 6 inches of daily soil cover (active areas), 12 inches of intermediate soil cover (inactive areas), and a composite final cover system (areas at final grade). To verify the integrity of the containment system, landfill monitoring systems will be installed and maintained, including: a stormwater management system; a groundwater monitoring system; a landfill gas monitoring system; and stormwater monitoring in compliance with the Texas Pollutant Discharge Elimination System, Multi-Sector General Permit TXR050000 for monitoring storm water discharges from the Facility. Odors will be managed by immediate burial and cover of odorous wastes, application of soil cover at the end of each operating day, and if needed, installation of a landfill gas collection and control system.

**What methods would the facility use or require for preventing litter or spills, and for cleanup of litter and spills?**

On a daily basis when the landfill is in operation, landfill personnel will inspect SH 31 and FM 939 for spilled waste for a distance of 2 miles in either direction from the landfill entrance. If spilled waste is found on these public-access roads, such waste will be cleaned up by landfill personnel.

Waste transportation vehicles using the Facility will be required to use adequate covers or other means of containment. The adequacy of covers or containment of incoming wastes will be checked at the site entrance and a surcharge will be imposed for the lack of covers.

The facility will also utilize litter control fences at appropriate locations near the working face and elsewhere and Facility perimeter fencing for the control of windblown waste and litter. The working face will be confined to as small an area as practical and covered daily with soil cover. The working face will also be surrounded by containment berm(s) to prevent storm water runoff from waste and diversion berms to control storm water from entering the working face.