

Solid Waste Disposal Process

SOLID WASTE COLLECTION

Waste is collected and transported by city/private trucks to one of NTMWD's 3 transfer stations. All stations are fully emptied at closing each day to prevent odor.

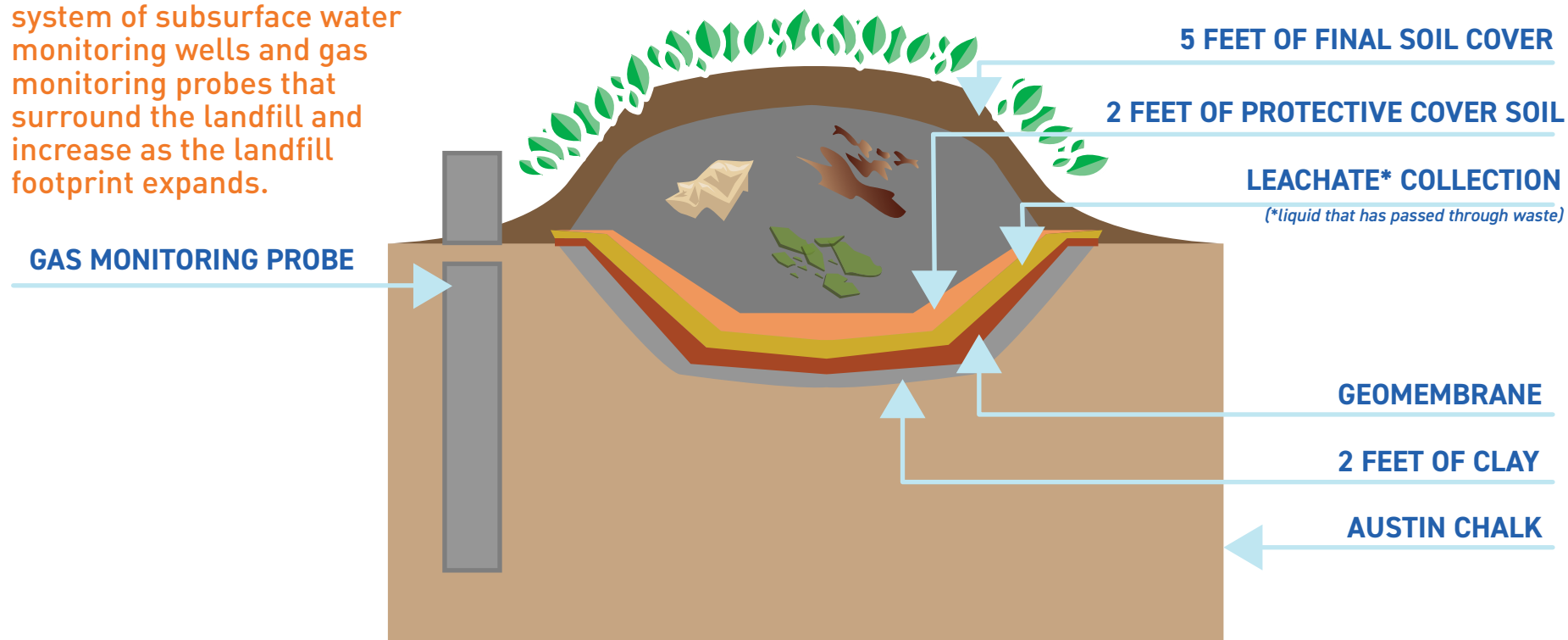


SOLID WASTE DISPOSAL AND CONTAINMENT

SOLID WASTE IS TRANSPORTED BY 18-WHEEL TRACTOR TRAILERS TO NTMWD'S LANDFILL:

The waste is unloaded, spread and compacted on top of a composite liner system that protects the local groundwater.

The landfill also includes a system of subsurface water monitoring wells and gas monitoring probes that surround the landfill and increase as the landfill footprint expands.



ODOR CONTROL

TO MINIMIZE ODOR:

- 1 Waste is spread and compacted as it arrives
- 2 The active disposal area is covered at the end of each day with at least 6 inches clean soil
- 3 Several hundred collection wells capture landfill gas before it leaves the landfill
- 4 Staff monitor the presence of odor at 13 nearby locations each day of operation



RENEWABLE ENERGY

In a partnership with Morrow Renewables, landfill gas collected by wells is routed to an on-site facility where it is cleaned to pipeline-quality natural gas. Then it is sold as renewable energy.

