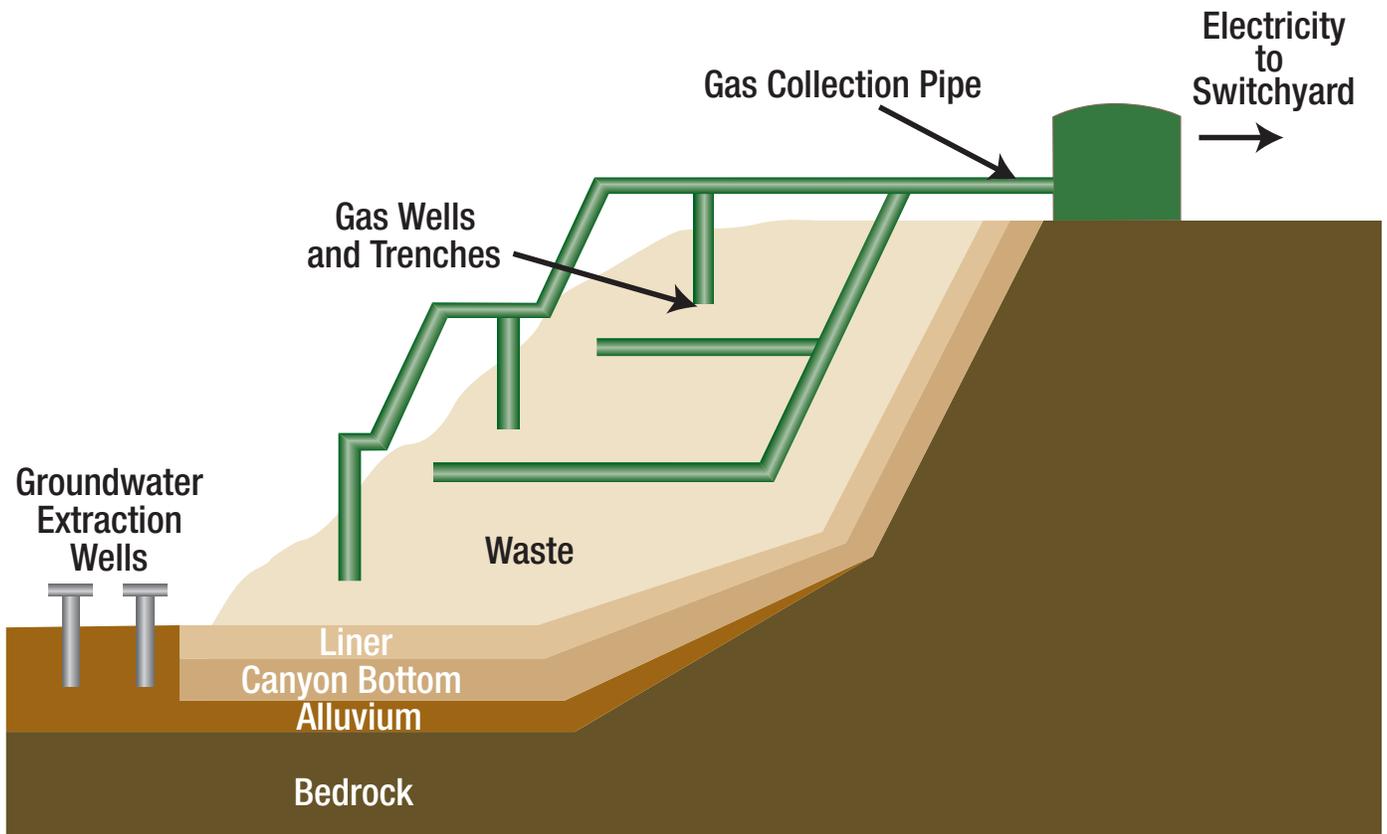


# Landfill gas



Landfill gas (LFG) is the natural by-product of the decomposition of organic waste in landfills and is comprised primarily of methane. The LFG is collected in a network of wells and perforated pipe buried in the landfill. Blowers create a vacuum and draw the LFG out of the landfill before it is released into the atmosphere. Collection pipes transport the LFG from the landfill to a compressor where it is compressed and purified. The clean, compressed gas flows into a reciprocating engine and generator which produces electricity. Landfill gas-to-electricity is a reliable, renewable generation technology that protects that environment by reducing the emission of methane which is a powerful greenhouse gas.