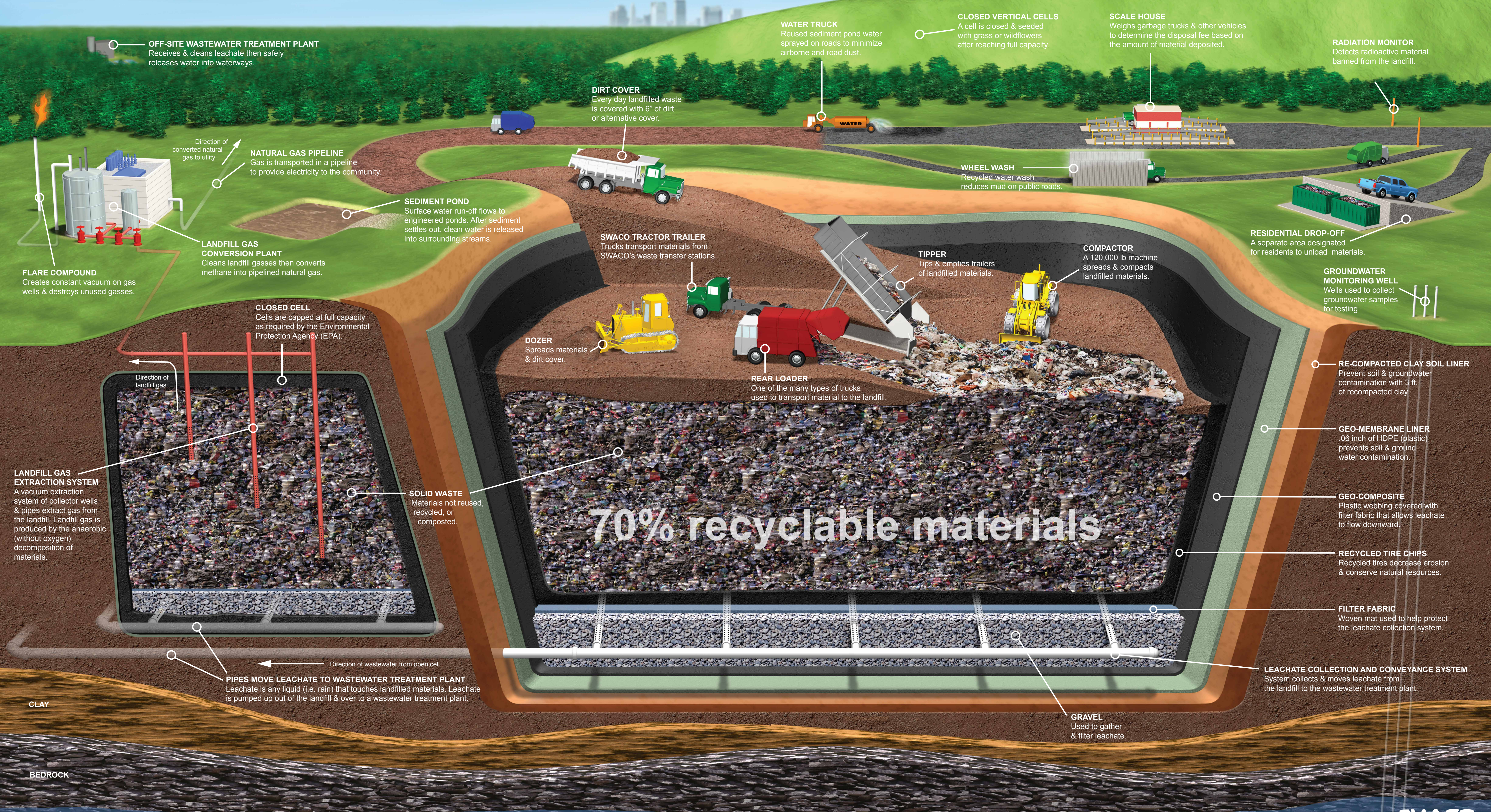


SANITARY LANDFILL



OFF-SITE WASTEWATER TREATMENT PLANT
Receives & cleans leachate then safely releases water into waterways.

NATURAL GAS PIPELINE
Gas is transported in a pipeline to provide electricity to the community.

LANDFILL GAS CONVERSION PLANT
Cleans landfill gasses then converts methane into pipelined natural gas.

FLARE COMPOUND
Creates constant vacuum on gas wells & destroys unused gasses.

CLOSED CELL
Cells are capped at full capacity as required by the Environmental Protection Agency (EPA)

LANDFILL GAS EXTRACTION SYSTEM
A vacuum extraction system of collector wells & pipes extract gas from the landfill. Landfill gas is produced by the anaerobic (without oxygen) decomposition of materials.

PIPES MOVE LEACHATE TO WASTEWATER TREATMENT PLANT
Leachate is any liquid (i.e. rain) that touches landfilled materials. Leachate is pumped up out of the landfill & over to a wastewater treatment plant.

CLAY

BEDROCK

AQUIFER

DIRT COVER
Every day landfilled waste is covered with 6" of dirt or alternative cover.

SEDIMENT POND
Surface water run-off flows to engineered ponds. After sediment settles out, clean water is released into surrounding streams.

SWACO TRACTOR TRAILER
Trucks transport materials from SWACO's waste transfer stations.

DOZER
Spreads materials & dirt cover.

REAR LOADER
One of the many types of trucks used to transport material to the landfill.

WATER TRUCK
Reused sediment pond water sprayed on roads to minimize airborne and road dust.

CLOSED VERTICAL CELLS
A cell is closed & seeded with grass or wildflowers after reaching full capacity.

SCALE HOUSE
Weighs garbage trucks & other vehicles to determine the disposal fee based on the amount of material deposited.

RADIATION MONITOR
Detects radioactive material banned from the landfill.

WHEEL WASH
Recycled water wash reduces mud on public roads.

TIPPER
Tips & empties trailers of landfilled materials.

COMPACTOR
A 120,000 lb machine spreads & compacts landfilled materials.

RESIDENTIAL DROP-OFF
A separate area designated for residents to unload materials.

GROUNDWATER MONITORING WELL
Wells used to collect groundwater samples for testing.

RE-COMPACTED CLAY SOIL LINER
Prevent soil & groundwater contamination with 3 ft. of recompactd clay.

GEO-MEMBRANE LINER
.06 inch of HDPE (plastic) prevents soil & ground water contamination.

GEO-COMPOSITE
Plastic webbing covered with filter fabric that allows leachate to flow downward.

RECYCLED TIRE CHIPS
Recycled tires decrease erosion & conserve natural resources.

FILTER FABRIC
Woven mat used to help protect the leachate collection system.

LEACHATE COLLECTION AND CONVEYANCE SYSTEM
System collects & moves leachate from the landfill to the wastewater treatment plant.

GRAVEL
Used to gather & filter leachate.

70% recyclable materials