Simi Valley Landfill & Recycling Center

Simi Valley Landfill & Recycling Center (SVLRC) is a state-of-the-art regional facility that provides safe and convenient non-hazardous disposal and recycling services for communities, businesses and industries serving Ventura County and adjacent communities.

Waste Management’s approximately 300 disposal facilities employ the latest advances in landfill technology. This facility is engineered with environmental protection systems that meet or exceed rigorous government regulations and are subject to highly regulated monitoring and reporting requirements. Systems include engineered liners and covers, leachate collection and removal, and landfill gas collection and control.

**Containment Design**

SVLRC is designed with a composite liner system providing maximum protection to the environment that meets or exceeds Federal Subtitle D, California Code of Regulations and the State of California Regional Water Quality design standards.

**Leachate Collection & Treatment**

Leachate is the moisture that precipitates from municipal solid waste. Each lined containment system is equipped with a leachate collection system to remove the liquid for treatment and beneficial reuse or disposal.

Leachate recirculation provides beneficial uses such as acceleration of waste decomposition and waste degradation. This process, in turn, accelerates landfill gas production and promotes waste settlement that reduces maintenance of landfill cap components.

**Groundwater Monitoring**

The groundwater-monitoring program includes a network of more than 30 monitoring wells installed around the landfill. The locations of the wells are engineered to intercept groundwater beneath the landfill. Technicians monitor and sample wells on a regular basis with results submitted to state and local agencies.

**Landfill Gas Management**

SVLRC maintains a gas-monitoring and extraction program, which consists of extraction wells strategically engineered within the landfill. Located along the perimeter of the landfill, permanent probes are installed to monitor the entire depth of waste ensuring that the methane extraction system is functioning properly. The gas probes are monitored on a monthly basis and reported to state and local agencies.
Landfill Gas to Energy
Landfill gas (methane) is a natural byproduct of decomposing waste and extracting more value from a landfill is an integral component at the SVLRC. SVLRC's landfill-gas-to-energy facility produces enough electricity to support its operations and also provides enough electricity to power more than 2,500 homes each day.

Organics Processing Facility
This facility operates a greenwaste diversion program for residential, commercial, and industrial customers. Organic materials, such as grass, branches, leaves, weeds, and clean wood are ground up and processed for biofuel, mulch products, and landscape beautification efforts.

Construction and Demolition Recycling (C&D) Facility
SVLRC's certified C&D recycling operation supports the State of California's mandated regulations requiring commercial and industrial customer projects to divert at least 50% of C&D materials from landfills.

Reclaimed Water Recycling Program
In partnership with the City of Simi Valley's Sanitation District, SVLRC uses reclaimed water for dust control and irrigation. By using reclaimed water, the landfill saves enough drinking water for more than 100 homes.

Wildlife Habitat Conservation
At the SVLRC, the natural surroundings are populated with local wildlife. We are proud to dedicate more than 500 acres to wildlife habitat conservation efforts including a barn owl program, the use of falcons for natural bird abatement, and a two-acre pollinator garden designated for environmental education awareness.

Security
Site security is ensured by controlled, limited access to the facility through the gatehouse as well as perimeter fencing and natural barriers. During non-business hours, the facility and gates are closed and monitored by a security guard and electronic surveillance.

Acceptable Material
Appliances
Auto Shredder Residue
Biosolids
Clean Asphalt
Clean Dirt
Concrete
Construction & Demolition (C&D) Debris
Green & Wood Waste
Industrial & Special Waste
Livestock
Municipal Solid Waste (MSW)
Tires
Treated Medical Waste

Unacceptable Material
Automobile Bodies
Bio/Medical Waste
Electronic Waste
Empty Hazardous Material Containers
Fluorescent Light Tubes & Ballasts
Hazardous Waste
Liquids
Radioactive Materials
Septic Tank or Chemical Toilet Waste
Water-Soluble Solids

Community Partnerships and Involvement
Simi Valley Landfill & Recycling Center is committed to the communities we serve. Our employees are very active in the community and proud to participate in local community events and environmental education programs.