

WASTE MANAGEMENT



Altamont Landfill and Resource Recovery Facility

Altamont Landfill and Resource Recovery Facility is a regional facility that provides safe and convenient disposal services for communities, businesses and industries serving Alameda County and surrounding cities.

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.

Altamont Landfill and Resource Recovery Facility is recognized for its sustainable practices and leadership in landfill management. This facility hosts an on-site landfill gas to liquefied natural gas (LNG) plant and Liquefied Compressed Natural Gas (LCNG) fueling facility as well as electricity-generating landfill gas-powered turbines and windmills.

Containment Design

The current fill area for the landfill (Fill Area 1) consists of an older Class III waste management unit with a low-permeability soil liner and leachate collection system (Unit 1), and a Class II unit with a composite liner and leachate collection system. Fill Area 2 is a 250-acre unit scheduled for opening in early 2015 and will utilize a composite liner and leachate collection system.

Leachate Collection & Treatment

The leachate management system for Altamont is designed to detect and collect any leachate generated in the landfill. Collected leachate is pumped to an onsite wastewater storage facility for later use as dust control within the newer cell of the landfill.

Groundwater Monitoring

Groundwater is monitored at 10 wells, both upgradient and downgradient of the waste disposal footprint. The groundwater monitoring network is sampled and analyzed semi-annually in accordance with the procedures of the facility's groundwater sampling and analysis plan.

ALTAMONT LANDFILL AND RESOURCE RECOVERY FACILITY

10840 Altamont Pass Road
Livermore, CA 94550
800 963 4776

HOURS OF OPERATION

Monday – Friday: 6:00am – 4:00pm
Closed Saturday and Sunday

YEAR OPENED

1980

PROJECTED LIFE REMAINING

~50 years

FACILITY ACREAGE

2,170 acres

PERMITTED FOOTPRINT

472 acres

REMAINING PERMITTED CAPACITY

42.4 million tons

TONS PROCESSED ANNUALLY

1,500,000 tons

OWNERSHIP

Waste Management
of Alameda County, Inc.

PERMIT TYPE & PERMIT

Solid Waste Facilities O1-AA-0009
Waste Discharge Requirements
R5-2009-0055

REGULATORY AGENCIES

Alameda County Environmental Health
(LEA), CalRecycle, Central Valley
RWQCB, BAAQMD

EMPLOYEES

55



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Landfill Gas Management

Altamont has a Landfill Gas (LFG) collection and control system consisting of 127 vertical wells, two horizontal trench collectors, and one leachate cleanout riser (LCRS). Landfill gas is collected and used to generate power for the site as well as about 8,500 homes through sale of power to PG&E.

In addition, Altamont Landfill maintains a gas to liquefied natural gas (LNG) plant which produces bio-fuel for our collection vehicles and commercial fleets and produces approximately 13,000 gallons of LNG fuel daily.

Security

Site security is ensured by controlled, limited access to the facility and perimeter fencing. During non-business hours the gate is locked and monitored by electronic surveillance.

Acceptable Material

Asbestos – Friable/Non-Friable

Auto Shredder Residue

Biosolids

Construction & Demolition (C&D) Debris

Sludge

Drum Management – Liquids/Solids

Industrial & Special Waste

Liquids

Municipal Solid Waste (MSW)

Yard Waste



CONTACT

Technical Support
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COMMUNITY RELATIONS

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COMMUNITIES SERVED

San Francisco and Alameda Counties

Unacceptable Material

Electronic Waste

Hazardous Waste

Infectious or Biohazard Waste

NRC Regulated Radioactive Waste

Universal Waste

Additional Services Provided

Metals Recovery (Limited amount through DHEC trial program)

Recycling

Solidification

Risk Mitigation

Waste Management provides the highest level of services, backed with state-of-the-art site design and management systems, to minimize risks and reduce liabilities.

Community Partnerships and Involvement

Altamont Landfill and Resource Recovery Facility is proud to be an active supporter of community events and programs that make Alameda County a strong and healthy place to live, work and play.

The landfill's impact on surrounding communities has been carefully analyzed and mitigated. Annually the Altamont Landfill generates millions of dollars in fees to support Alameda County recycling programs along with open space and community arts programs in the Alameda County.



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