



Rio Rancho Landfill

Rio Rancho Landfill is a regional facility that provides safe and convenient disposal services for communities, businesses and industries serving the Rio Rancho/Albuquerque Area and surrounding cities. This facility is engineered with environmental protection systems that meet or exceed rigorous Federal and State 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 systems.

Containment Design

Rio Rancho Landfill utilizes a five-layer composite liner system that includes a geosynthetic clay liner (GCL), a 60-mil textured high-density polyethylene (HDPE) membrane with a two-foot protective soil cover to ensure that waste and wastewater (leachate) are contained and isolated from soil and groundwater.

Leachate Collection & Treatment

The leachate collection system at Rio Rancho Landfill currently includes eight collection sumps that collect leachate for pumping. The leachate is beneficially used as a dust control measure that is sprayed over lined areas of the landfill.

Groundwater Monitoring

Groundwater is monitored at four wells, two upgradient and two downgradient of the waste disposal footprint. The groundwater monitoring network is sampled and analyzed annually in accordance with the procedures of the facility's groundwater sampling and analysis plan. The data is submitted to New Mexico Environment Department on an annual basis. Groundwater is located approximately 650-feet below the landfill. The landfill liner system ensures no impact to groundwater.

Landfill Gas Management

Rio Rancho Landfill has a state-of-the-art enclosed landfill gas flare system. The Gas Collection and Control System (GCCS) also includes 25 landfill gas extraction wells connected via a network of header pipes and lateral pipes. The GCCS safely extracts methane gas from the system and disposes of it through incineration process, significantly reducing emissions and ensuring clean air for the community and environment. Since the gas is being collected in a closed system, the potential for odor caused by landfill gas emissions is eliminated.

Security

Site security is ensured by controlled electronic surveillance access to the facility through the gatehouse as well as perimeter fencing. During business hours, all traffic is directed to a gatehouse occupied by trained personnel. During non-business hours the gate is locked and monitored by 24-hour electronic surveillance. Electronic surveillance is monitored by WM Corporate security professionals with direct link to local law enforcement and emergency service agencies.

RIO RANCHO LANDFILL

33rd Street & Northern Boulevard
Rio Rancho, NM 87124
800 963 4776

HOURS OF OPERATION

Monday – Friday: 7:00am – 5:00pm
Saturday: 7:30am – 12:00pm
Closed Sunday and Major Holidays

YEAR OPENED

1985

PROJECTED LIFE REMAINING

8 years

FACILITY ACREAGE

101 acres

PERMITTED FOOTPRINT

83 acres

REMAINING PERMITTED CAPACITY

1,677,987 cubic yards

TONS PROCESSED ANNUALLY

175,000 tons

OWNERSHIP

Waste Management of New Mexico, Inc.

PERMIT TYPE

Air Quality – Title V Operating Permit
#P208LR1M1

Solid Waste Permit #SWM-231402

Special Waste Permit
#SWM-12339(SP)

Stormwater Permit #NMR05B060

REGULATORY AGENCIES

Air Quality Bureau

Mineral and Natural Resources
Department and Oil Conservation
Division

New Mexico Environment Department
NM Energy

Occupational Health and Safety Bureau

Petroleum Storage Tank Bureau

Solid Waste Bureau

EMPLOYEES

10

THINK GREEN.®

WASTE MANAGEMENT

Acceptable Material

Auto Shredder Fluff

Case-by-case bulk liquids for dust control**

CERCLA Wastes (non hazardous)

Construction & Demolition (C&D) Debris

Exploration & Production (E&P) Wastes

Municipal Solid Waste (MSW)

Off-Spec Products

Paint Wastes

Petroleum Contaminated Soil *

Process Waste

Special Waste***

Waste Tires

Yard Waste

* Petroleum contaminated soil that meets NMED Special Waste criteria must be bioremediated prior to landfilling.

** Certain bulk liquids may be acceptable for use as dust control on lined footprint of landfill. NMED concurrence required in each instance.

*** e.g. any discarded material that, due to its physical or chemical characteristics, requires more stringent handling, documentation or other management than normal Municipal Solid Waste (MSW).

Unacceptable Material

Asbestos – Friable/Non-Friable

Ash (Coal, Fly, Bottom)

Ash, Medical

Ash, MSW

Bulk Liquids

CESQG [hazardous] Wastes

Hazardous Waste

Incompatible Wastes (e.g. incompatible to be comingled with MSW)

Infectious Waste

PCBs equal to or >50 ppm or otherwise prohibited under TSCA from Subtitle D landfill disposal

Radioactive Wastes
(EXCEPTION: certain NORM Wastes)

Universal Wastes, including mercury containing lamps

Recycling Convenience Center

Cardboard*

Metals

* Rio Rancho Landfill accepts cardboard for recycling at no charge to customer.

Bioremediation

Petroleum Contaminated Soil that exceeds NMED Special Waste trigger limits must be bioremediated at the facility land farm. Bioremediation of petroleum contaminated soil that meets or exceeds the NMED Special Waste criteria is required prior to direct landfilling.

Approval Process

Waste Management has a defined waste screening protocol for each of its non-hazardous waste facilities, which protects employees and the environment. For all NM Special Waste streams, as well as for any discarded material that, due to its physical or chemical characteristics, requires more stringent handling, documentation or other management than normal Municipal Solid Waste (MSW), the generator or agent must complete a waste profile for review by our technical staff. Waste profiles can be completed online at WMSolutions.com.

Risk Mitigation

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

Community Partnerships and Involvement

Waste Management is proud to be an active supporter of community events and programs that make Rio Rancho its surrounding cities a strong and healthy place to live, work and play.



CONTACT

Technical Support

TSC Phoenix
800 963 4776
TSCPhoenix@wm.com

TSC Denver
800 963 4776
TSCDenver@wm.com

COMMUNITY RELATIONS

Steve Miceli
505 974 1947
smiceli@wm.com

COMMUNITIES SERVED

Central New Mexico



©2016 Waste Management

THINK GREEN®