Buffalo Ridge Landfill

Buffalo Ridge Landfill is a regional facility that provides safe and convenient disposal services for communities, businesses and industries serving Weld County and surrounding areas. 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

Buffalo Ridge Landfill utilizes a single-layer, three-foot clay liner system to ensure that waste and wastewater (leachate) are contained and isolated from soil and groundwater.

Leachate Collection & Treatment

Leachate is managed onsite and used as operational dust control on the lined portion of the landfill.

Groundwater Monitoring

Groundwater is monitored at 11 wells, which are 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.

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 gate is locked and the facility is monitored by 24-hour electronic surveillance.
Acceptable Material

Asbestos – Friable/Non-Friable
Auto Shredder Residue
CERCLA Wastes (nonhazardous)
Construction & Demolition (C&D) Debris
Exploration & Production (E&P) Waste

Industrial & Special Wastes*
Municipal Solid Waste (MSW)
Yard Waste
Off-Spec Products

* 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

Bulk Liquids
Electronic Wastes
Hazardous Waste
Lead Acid Batteries
PCBs equal to or > 50 ppm or otherwise prohibited under TSCA from Subtitle D landfill disposal
Potentially Infectious Wastes

Radioactive Wastes
Universal Wastes
Untreated Medical Wastes
Used Oil
Waste Tires

(EXCEPTION: certain NORM wastes)

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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 industrial and special waste streams, 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 risks and reduce liabilities.

Community Partnerships and Involvement

Buffalo Ridge Landfill is proud to be an active supporter of local events and programs that make its surrounding communities a strong and healthy place to live, work and play.

In addition, Buffalo Ridge Landfill received Wildlife at Work recertification from the Wildlife Habitat Council for the third term in a row. The Certification is among Waste Management’s 95 active programs, preserving approximately 25,000 acres.