



## Oakridge Landfill

Oakridge Landfill is a regional facility that provides safe and convenient disposal services for communities, businesses and industries serving Dorchester 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.

### Containment Design

Oakridge Landfill uses a single composite liner system with one designated cell constructed with a double-liner for ash monofill. The containment system includes a 2' clay and a 60-mil geosynthetic liner to ensure that waste and wastewater (leachate) are contained and isolated from soil and groundwater.

### Leachate Collection & Treatment

Leachate is hauled via tanker to an offsite Publicly Owned Treatment Works (POTW).

### Groundwater Monitoring

Groundwater is monitored at 12 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.

### Landfill Gas Management

Oakridge Landfill collects and manages landfill gas through an enclosed flare system, which reduces emissions, and prevents odor.

### Security

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

#### OAKRIDGE LANDFILL

2175 Highway 78  
Dorchester, SC 29437  
800 963 4776

#### HOURS OF OPERATION

Monday – Friday: 6:00am – 5:00pm  
Saturday: 7:00am – 12:00pm  
Sunday: Closed

#### YEAR OPENED

1987

#### TONS PROCESSED ANNUALLY

794,000 tons

#### OWNERSHIP

Oakridge Landfill Inc.

#### PERMIT TYPE & PERMIT #

Solid Waste  
182400-1101: NPDES SCR003573  
City of Charleston Leachate 1002  
Air TV-0900-0058

#### REGULATORY AGENCIES

South Carolina Department of Health  
and Environmental Control (SC DHEC)

#### EMPLOYEES

12

## Acceptable Material

Asbestos - Friable/Non-Friable

Auto Shredder Residue

Biosolids

Construction & Demolition (C&D) Debris

Drum Management - Solids

Industrial & Special Wastes

Municipal Solid Waste (MSW)

## Unacceptable Material

CFC (Freon) Containing Items

Hazardous Waste

Lead Acid Batteries

Liquid Waste

Whole Tires

Yard Debris

## 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

Oakridge Landfill is proud to be an active supporter of community events and programs that make Dorchester County a strong and healthy place to live, work and play.



### CONTACT

#### Technical Support

TSC Emelle  
800 963 4776  
TSCEmelle@wm.com

### COMMUNITY RELATIONS

#### Russell Hightower

803 528 3634 or rhightower@wm.com

### COMMUNITIES SERVED

Dorchester County  
and surrounding cities