



Outer Loop Recycling & Disposal Facility

Outer Loop Recycling and Disposal Facility (RDF) is a regional facility that provides safe and convenient disposal services for communities, businesses and industries serving Louisville Metro and surrounding areas.

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

Landfill cells are constructed using a composite liner system, which provides a positive barrier for groundwater protection. The liner system consists of a 60-mil High Density Polyethylene (HDPE) liner in direct contact with a two-foot thick clay layer as an additional protective barrier for groundwater.

Leachate Collection & Treatment

At Outer Loop RDF, leachate is collected onsite and pretreated using a sequential batch reactor. It is then discharged to a local Publicly Owned Treatment Works (POTW).

Groundwater Monitoring

Groundwater is monitored via 5 groundwater wells and 2 under drains, which are sampled annually for various water quality parameters. Water levels are taken quarterly at 54 required groundwater-monitoring locations to evaluate the hydrology at the site and confirm that the inward hydraulic gradient is being maintained.

Landfill Gas Management

Outer Loop RDF collects and manages landfill gas through a flare system to reduce emissions and prevent odor. The system collects landfill gas through 233 wells, which is managed by flares per federal requirements

Site Security

Site security is ensured by controlled, limited access to the facility as well as perimeter fencing, natural barriers and electronic surveillance. The facility can only be accessed via a single gate, which directs all traffic to a gatehouse occupied during business hours by trained personnel. During non-business hours the gate is locked and monitored by electronic surveillance.

OUTER LOOP RDF

2673 Outer Loop
Louisville, KY 40219
800 963 4776

HOURS OF OPERATION

Winter Hours:

Monday – Friday: 5:30am – 4:30pm
Saturday: 6:00am – 10:00am

Summer Hours:

Monday – Friday: 5:30am – 5:00pm
Saturday: 6:00am – 12:00pm
Sunday: Closed

YEAR OPENED

1969

PROJECTED LIFE REMAINING

48 years

FACILITY ACREAGE

782.1 acres

PERMITTED FOOTPRINT

518.3 acres

REMAINING PERMITTED CAPACITY

56,430,100 cubic yards

TONS PROCESSED ANNUALLY

787,700 tons

OWNERSHIP

Waste Management of Kentucky, LLC

PERMIT TYPE & PERMIT

Solid Waste: SW0560028, Title V

Air: 149-97-TV (R1)

KPDES: KY0091995

Louisville Metropolitan Sewer District:
3089

Water Withdrawal: 1371 and 1418

Migratory Bird Depredation: MB135568-0

USACE: 20031197

Landfill License No. 028-1

REGULATORY AGENCIES

Kentucky Energy and Environment Cabinet
(Division of Solid Waste and Division of
Water)

Louisville Metro Air Pollution Control District

Louisville Metropolitan Sewer District

US Army Corps of Engineers

US Fish and Wildlife,

Federal Aviation Administration

Jefferson County Waste Management District

EMPLOYEES

27

Acceptable Material

Asbestos – Friable/Non-Friable

Auto Shredder Residue

Biosolids

CERCLA Waste

Construction & Demolition (C&D) Debris

Drum Management – Solids/Liquids

Food/Yard Waste

Hydrocarbon Soils

Industrial & Special Waste

Industrial Liquids

Municipal Solid Waste (MSW)

Non-Regulated PCBs < 50ppm

Shredded Tires

Sludge

Unacceptable Material

Batteries

CFC (Freon) Containing Items

Electronics

Fluorescent Tubes

Hazardous Waste

Lead Based Paint

Oil

Untreated Medical Waste

Additional Services Provided

Bioremediation

Rail Spur Availability

Next Generation/Bioreactor

Solidification

Transportation Services

Yard Waste Composting

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

Outer Loop RDF is proud to be an active supporter of community events and programs that make Jefferson County a strong and healthy place to live, work and play.



CONTACT

Technical Support

TSC Emelle
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COMMUNITY RELATIONS

Ken Haldin

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COMMUNITIES SERVED

Kentucky and Indiana