



Denver Arapahoe Disposal Site (DADS)

DADS is a regional subtitle D facility that provides safe and convenient disposal services for communities, businesses and industries serving Denver Metro 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

DADS disposal cells are designed to ensure that waste and wastewater (leachate) are contained and isolated from soil and groundwater. Liners at DADS can be designed two different ways, a single compacted clay liner system overlain by a six-inch layer of sand to aid with drainage or a geosynthetic clay liner covered with a high-density plastic liner system with the same sand drainage layer. DADS has also dedicated a 26-acre monofill, which is used exclusively for friable and non-friable asbestos.

Leachate Collection & Treatment

The leachate collection system at DADS currently includes ten monitored collection sumps and removal pumps. Leachate is managed onsite through recirculation or used for operational dust control.

Groundwater Monitoring

Groundwater is currently monitored at 16 wells, which are both upgradient and downgradient of the waste disposal footprint. The groundwater is sampled and analyzed semi-annually in accordance with the facility's groundwater sampling and analysis plan.

Gas-to-Energy

DADS maintains 345 landfill gas collection wells and supports a 2.8 MW gas-to-energy plant. The power produced at DADS is sold to Xcel Energy and exported to their grid.

Security

Site security is ensured by controlled, limited access to the facility through the gatehouse as well as perimeter fencing. During non-business hours the gate is locked and monitored by 24-hour electronic surveillance.

DADS

3500 South Gun Club Road
Aurora, CO 80018
720-876-2624

HOURS OF OPERATION

Mon. – Fri.: 6 a.m. – 7:30 p.m.
Sat.: 7 a.m. – 5 p.m.
Closed Sunday and Major Holidays

FOR MORE INFORMATION

wmsolutions.com

YEAR OPENED

1990

EXPECTED CLOSURE YEAR

2158

FACILITY ACREAGE

2,364 acres

PERMITTED FOOTPRINT

1,363 acres

TOTAL PERMITTED CAPACITY

352535292 cubic yards

OWNERSHIP

City and County of Denver

OPERATOR

Waste Management Disposal
Services of Colorado

PERMIT TYPE

Certificate of Designation issued
by the Arapahoe County Board of
County Commissioners Solid Waste

REGULATORY AGENCIES

Colorado Department of
Public Health and Environment
Tri-County Health Department



Acceptable Material

- Asbestos
- Friable/Non-Friable
- Auto Shredder Residue
- Biosolids
- CERCLA Waste (non hazardous)
- Construction & Demolition (C&D) Debris
- Non-hazardous Industrial & Special Wastes*
- Municipal Solid Waste (MSW)
- Oil Exploration & Production (E&P) Waste
- Yard Waste

* 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
- CESQG Waste
- Electronic Waste
- Lead Acid Batteries
- Liquid Materials
- PCBs equal to or > 50 ppm or otherwise prohibited under TSCA from Subtitle D landfill disposal
- Radioactive Waste (EXCEPTION: certain NORM Wastes)
- Regulated Hazardous Waste
- Used Oil
- Universal Waste
- Untreated Medical Waste

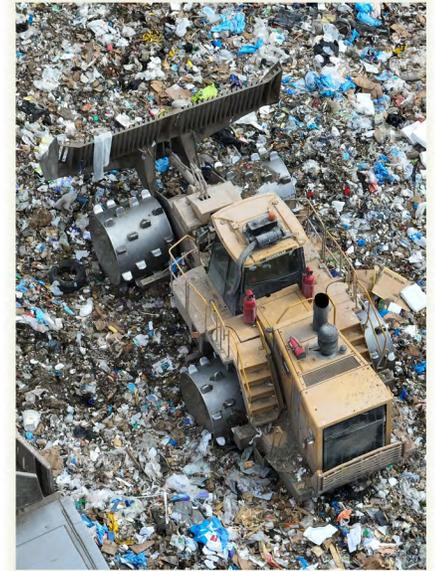
Recycling Convenience Center

Materials accepted for dropoff:

- Electronic Waste
- Scrap Metal
- Single Stream Recycling
- White Goods
- Whole Tires

Organics Recycling Facility (ORF)

A 43.4-acre organics composting operation at DADS transforms locally-sourced landscape waste and food scraps into soil-enhancing compost and mulch products. Self-load compost is available for purchase by the public.



CONTACT

Technical Sales Contact
800-963-4776
TSWestern@wm.com

COMMUNITY RELATIONS

FourCornersCommunity@wm.com

COMMUNITIES SERVED

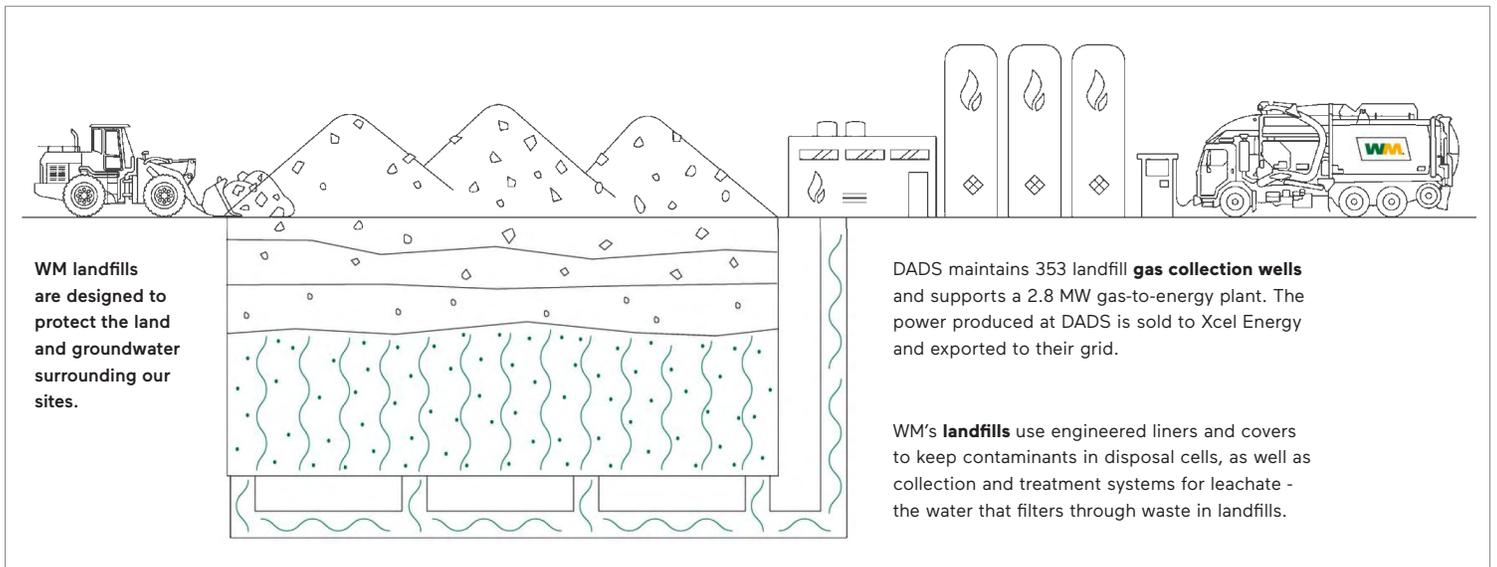
Denver Metro and surrounding cities

Risk Mitigation

WM 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

DADS is proud to be an active supporter of community events and programs that make Denver Metro and its surrounding cities a strong and healthy place to live, work and play.





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DADS ORGANICS

WM of Colorado is closing the loop on organics recycling by transforming locally-sourced landscape waste and food scraps into soil-enhancing compost and mulch products. Dedicated composting operations at the Denver Arapahoe Disposal Site (DADS) follow rigorous process controls and product testing to ensure a stable, mature compost for residential and commercial use.



Organics Sourcing

WM accepts source separated yard debris and food scraps from select vendors for our organics recycling program. Yard waste materials include landscape material, tree and shrubbery trimmings, vines, grass clippings and leaves.

Compost Certification

DADS compost is regularly sampled and tested to meet all CDPHE standards and is Certified under the Seal of Testing Assurance (STA) from the U.S. Composting Council for distribution and sale.

Organics Recycling Education

WM offers educational programs to help our customers effectively source separate organics to achieve their sustainability goals.



Organics Collection

WM offers organics collection and recycling services to a growing list of customers including area restaurants, grocery stores, landscaping contractors and others.

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3500 South Gun Club Road
Aurora, CO 80018
720 876 2620 or 720 977 2102

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FOR MORE INFORMATION

wmsolutions.com

COMPOST OPERATIONS

- Began - 2010
- Expansion - 2023 / 2025

COMPOST ACREAGE

43.4 acres

Permitted Composting Capacity

100,000 tons annually (2025)

COMPOST PRODUCTION

- 2025 - 35,000 cubic yards (est)
- 2024 - 18,940 cubic yards
- 2023 - 15,225 cubic yards
- Previously - <10,000 cubic yards

COMPOST DESIGNATION

DADS Compost® is an approved Soil Amendment Product for Denver Water Projects.

COMPOST OPERATOR

Waste Management Disposal Services of Colorado

PERMIT TYPE

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REGULATORY AGENCIES

Colorado Department of Public Health and Environment, Tri-County Health Department



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About DADS Organics Recycling Facility

Compost operations at DADS utilizes the Aerated Windrow Composting Method, which maintains excellent processing parameters such as pathogen kill, moisture control, heat control, processing turnover time, as compared to other composting systems.

Three active windrow pads are separated by facility roadways. Each windrow pad features its own recipe and feedstock ratio.

The current design of the facility incorporates mixed feedstock processing zones, a public tipping area, finished product storage, a staged screening area, and a moisture content field testing station. These zones will be relocated and reoriented over the course of ongoing facility upgrades.

The design was implemented and optimized to mitigate double handling of material, proliferate field processing times, and prioritize customer and operator safety.



Accepted Materials

Materials currently accepted at DADS ORF are as follows:

- All food wastes (baked goods, breads, meat and bones, seafood, vegetable scraps, dairy products)
- All yard debris (flowers, grass clippings, houseplants, leaves, plant trimmings, small branches (no larger than 4 feet in length and 4 inches in diameter), and weeds)
- Compost Manufacturers Alliance approved 3-gallon bags.
- Paper yard waste bags during high yard waste seasons (April-June and September-November).

(Left) To maintain windrow moisture content between 55-65 percent, Cadman hose reels spray water over compost process to boost microbial activity into the active composting phase

DADS Recycled Landscape Materials

Landscape materials recycled by WM of Colorado at DADS are available for purchase by the public.

To self-load and purchase materials, customers should visit DADS and stop at the scalehouse for a map and directions to the recycled materials area.

Recycled Materials Available at DADS for Purchase



CRUSHED CONCRETE (CLASS 6)

\$23 per cubic yard, plus tax



CRUSHED ASPHALT (3/4 INCH)

\$35 per cubic yard, plus tax



DIRT

\$9 per cubic yard, plus tax



COMPOST (SCREENED)

\$26 per cubic yard, plus tax