



Butterfield Station Landfill

Butterfield Station Landfill is a regional facility that provides safe and convenient disposal services for communities, businesses and industries serving the Phoenix metro area and surrounding cities. This facility is engineered with environmental protection systems that meet or exceed rigorous government regulations and is 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

Butterfield Station 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

Butterfield Station uses solar evaporation technology to manage leachate at this site.

Groundwater Monitoring

Groundwater is monitored at five 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

Butterfield Station collects and manages landfill gas through a flare system, which reduces emissions and minimizes odor.

Security

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

BUTTERFIELD STATION LANDFILL

40404 South 99th Avenue
Mobile, AZ 85139
800 963 4776

HOURS OF OPERATION

Monday – Friday: 6:00am – 3:00pm
Closed Saturday and Sunday and
Major Holidays

YEAR OPENED

1990

PROJECTED LIFE REMAINING

Butterfield has the capacity to continuing servicing the community with a safe disposal option for over 100 years

FACILITY ACREAGE

1,280 acres

PERMITTED FOOTPRINT

691.4 acres

REMAINING PERMITTED CAPACITY

187,024,565 cubic yards

TONS PROCESSED ANNUALLY

1,200,000 tons

OWNERSHIP

Waste Management of Arizona, Inc.

PERMIT TYPE & PERMIT

ADEQ Aquifer Protection Permit
#102028

ADEQ Municipal Solid Waste Landfill
MFPA #07032700.20

Arizona Special Waste Facility
ID #300006

AZPDES Multi Sector General Permit
Authorization Number #AZMSG-62377

Maricopa County Air Quality
Department Title V Permit #V98003

U.S. Dept. of Agriculture Permit to
Receive Soil #P330-11-00423

REGULATORY AGENCIES

Arizona Department of
Environmental Quality
Maricopa County

THINK GREEN®

Acceptable Material

Asbestos – Friable/Non-Friable

Auto Shredder Residue

Biosolids

Construction & Demolition (C&D) Debris

Drum Management – Liquids/Solids

Industrial & Special Waste – Liquids/Solids

Municipal Solid Waste (MSW)

CERCLA Waste (non-hazardous)

Yard Waste

Unacceptable Material

Explosive Materials

Hazardous Waste

Medical Waste

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

Radioactive Waste

Universal Waste

Used Oil

Additional Services Provided

Liquids-Solidification

Rail Spur

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

Waste Management is proud to be an active supporter of community events and programs that make Maricopa County and its surrounding areas 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

Direct inquiries to
FourCornersCommunity@wm.com

COMMUNITIES SERVED

Maricopa County and surrounding areas