



## Marana Regional Landfill

Marana Regional Landfill is a regional facility that provides safe and convenient disposal services for communities, businesses and industries serving the Town of Marana, the Tucson metro area, and surrounding cities. This facility employs the latest advances in landfill technology, 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 control.

### Containment Design

Marana Regional Landfill utilizes a multi-layered composite liner system which includes a geosynthetic clay liner (GCL), a 60-mil textured high-density polyethylene (HDPE) liner, and leachate drainage layer 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

The leachate collection system at Marana Regional Landfill currently includes one monitored collection sump with evacuation pump with more to be installed as landfilling activities continue. Leachate is managed by using as an operational dust control on the lined portion of the landfill.

### Groundwater Monitoring

Groundwater is currently monitored at four 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.

### Security

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

### 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. While waste profiles are not typically required for materials received at the Marana Regional Landfill, they can be completed online at [WMSolutions.com](http://WMSolutions.com).

#### MARANA REGIONAL LANDFILL

14508 West Avra Valley Road  
Marana, AZ 85653  
800 963 4776

#### HOURS OF OPERATION

Monday – Friday: 7:00am – 4:00pm  
Saturday: 7:30am – 2:00pm  
Closed Sunday and Major Holidays

#### YEAR OPENED

2013

#### PROJECTED LIFE REMAINING

150+ years

#### FACILITY ACREAGE

590 acres

#### PERMITTED FOOTPRINT

415 acres

#### REMAINING PERMITTED CAPACITY

56,000,000 cubic yards

#### TONS PROCESSED ANNUALLY

330,000 tons

#### OWNERSHIP

Waste Management of Arizona, Inc.

#### PERMIT TYPE & PERMIT #

ADEQ Municipal Solid Waste Landfill  
MFPA #51080990.02

AZPDES Multi Sector General Permit  
Authorization #AZMSG-84362

PDEQ Air Quality Department Title V  
Permit #6133

State Facility Special Waste #320279

#### REGULATORY AGENCIES

Arizona Department of Environmental  
Quality (ADEQ)

Arizona Department of Water Resources  
(ADWR)

Pima County Department of  
Environmental Quality (PDEQ)

#### EMPLOYEES

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## Acceptable Material

Asbestos – Friable/Non-Friable

Ash

Auto Shredder Fluff

Biosolids

Bottom Ash

CERCLA Wastes (nonhazardous)

Construction & Demolition (C&D) Debris

Exploration & Production (E&P) Wastes

Industrial Waste

Inert Materials (concrete, sand, rock)

Municipal Solid Waste (MSW)

Off-Spec Products

Paint Wastes

Process Waste

Special Waste

Wastewater Sludge

Yard Waste



### 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

Tucson and surrounding cities (Marana, Sahuarita, Oro Valley)

Pima, Pinal and surrounding  
Arizona counties

## Unacceptable Material

Appliances that may vent or otherwise release into the atmosphere any Class I or Class II refrigerant including chlorofluorocarbons (CFCs) and hydrochlorofluorocarbons (HCFCs) as defined in Section 608 of the Clean Air Act and 40 CFR Part 82.154

Biohazardous Medical Waste

Bulk or non-containerized liquid waste as defined in 40 CFR 258.28(c)(1) including containers with more than 2% of the original liquid volume or free liquids as defined in EPA Method 9095 (paint filter test)

Burning materials for direct landfill without extinguishing

CESQG [hazardous] wastes

Explosive Materials

Hazardous Waste

Incompatible wastes (e.g. incompatible to be comingled with MSW)

Lead Acid Batteries

NORM/TeNORM with radionuclides >5 pCi/g

Out of state or foreign wastes

PCB Waste except as allowed under 40 CFR 761.61 (PCB Remediation Waste), 40 CFR 761.62 (PCB Bulk Product Waste) and 40 CFR 761.63 (PCB Household waste)

Tires, whole or quartered

Universal Wastes

Used Oil (as defined in 40 CFR 279)

Any other waste prohibited from disposal at any municipal solid waste landfill by federal, state, or local statute or regulation

## Recycling Convenience Center

Marana Regional Landfill provides a public drop-off location for single-stream recycling at no charge. Acceptable materials are limited to plastics (#1-7), paper/cardboard and aluminum products.

## Risk Mitigation

Waste Management provides the highest level of services, backed with state-of-the-art site design and management systems, to minimize potential risks and reduce liabilities.

## Community Partnerships and Involvement

Waste Management is proud to be an active supporter of community events and programs that make Pima County and its surrounding areas a strong and healthy place to live, work, and play. A portion of revenue generated goes directly to the Marana Unified School District.

