# SUBURBAN LANDFILL

Suburban Landfill is a regional facility that provides safe, and convenient disposal services for communities, businesses and industries serving Perry County and surrounding areas.

WM'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.

Suburban Landfill is proud to be an active supporter of community events and programs that make Perry County and its surrounding cities a strong and healthy place to live, work and play.

# **Containment Design**

Suburban Landfill utilizes a single-layer, 60-mil textured high-density polyethylene (HDPE) liner to ensure that waste and leachate are contained and isolated from soil and groundwater. Leachate is a combination of precipitation mixed with the liquid generated by waste as it decomposes.

### **Leachate Collection and Treatment**

Leachate is managed onsite and transported via truck to a local wastewater treatment plant (WWTP).

## **Groundwater Monitoring**

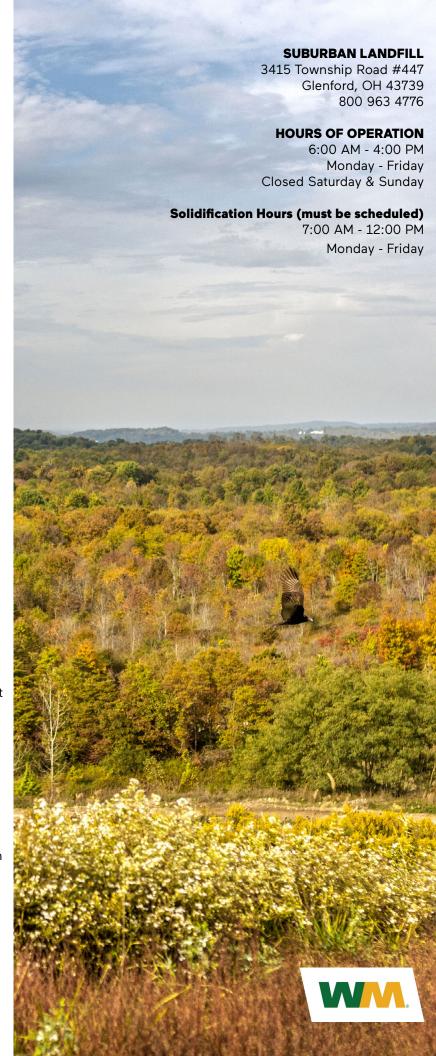
Groundwater is monitored at 9 wells, which are upgradient and downgradient of the waste disposal footprint. The groundwater monitoring network is sampled and analyzed semi-annually in accordance with the procedures of the facility's groundwater sampling and analysis plan.

## **Landfill Gas Management**

At Suburban Landfill, landfill gas is actively extracted and converted to electricity in our landfill gas-to-energy plant. The energy produced is then sent to the grid at South Central Power, in Southeastern Ohio, and provides enough energy to power over 2,000 homes. In addition, excess gas is managed through a flare system, which reduces emissions and minimizes odor.

# Security

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





### YEAR OPENED

1992

### PROJECTED LIFE REMAINING

90 years

### **FACILITY ACREAGE**

1,158 acres

#### PERMITTED FOOTPRINT

178 acres

### REMAINING PERMITTED CAPACITY

28.3 million cubic yards

## APPROXIMATE TONS PROCESSED ANNUALLY

320,000 tons

#### **OWNERSHIP**

Suburban Landfill, Inc. is owned by WM of Ohio, Inc.

#### **PERMIT TYPE & PERMIT #**

06-08330

### **REGULATORY AGENCIES**

Ohio Environmental Protection Agency (EPA), Perry County Health Department

### **EMPLOYEES**

13

# ACCEPTABLE MATERIAL

- Asbestos Friable/Non Friable
- Auto Shredder Residue
- Biosolids
- Bulk Liquids
- Construction & Demolition (C&D) Debris
- Drum Management Solids/Liquids
- Exploration & Production (E&P) Wastes
- Industrial & Special Wastes
- Municipal Solid Wastes (MSW)
- NORM (Naturally Occurring Radioactive Material)

#### **UNACCEPTABLE MATERIAL**

- Batteries
- Freon Containing Appliances
- Hazardous Waste
- Liquid Paint
- Tires
- Yard Waste

## ADDITIONAL SERVICES PROVIDED

Solidification

#### **COMMUNITIES SERVED**

Suburban Landfill is proud to be an active supporter of community events and programs that make the Columbus area, including Perry County, Licking County, and surrounding cities a strong and healthy place to live, work and play.

WM provides the highest level of services, backed with state-ofthe-art site design and management systems, to help minimize risks and reduce liabilities.