

# PINE TREE ACRES LANDFILL

## PINE TREE ACRES LANDFILL

36600 29 Mile Road  
Lenox, MI 48048

*Located 20 minutes from the  
Blue Water Bridge (to Canada).*

## CONTACT INFORMATION

W132 N10487 Grant Drive  
Germantown, WI 53022  
262-532-6200  
800-WMDisposal (800-963-4776)  
TSCWisconsin@wm.com

## HOURS OF OPERATION

Contact 800-WMDisposal  
or visit [www.WMDisposal.com](http://www.WMDisposal.com)

## **Y**our Non-Hazardous and Special Waste Disposal Solution

Waste Management's approximately 300 disposal facilities employ the latest advances in landfill technology. From carefully selecting new landfill locations to installing state-of-the-art liners to expertly capping landfills that have been filled to capacity, Waste Management makes every effort to ensure its sites' operational integrity as well as the safety of surrounding ecosystems. As stewards of the environment, Waste Management sees that all its landfills are designed, constructed, operated and maintained to meet or exceed all local, state and federal regulations.

### Pine Tree Acres Landfill

Serving the Detroit metro area, Pine Tree Acres Landfill provides local businesses and industries with professional disposal services that are safe, convenient and meet the highest standards for environmental compliance.



### Containment Design

The Pine Tree Acres Landfill is built with an HDPE (High Density Polyethylene) liner, a two-foot compacted soil liner and a geosynthetic clay liner to prevent contamination of surrounding soil.

### Leachate Collection & Treatment

The facility's leachate is collected through a cell-wide piping network and then directed to onsite storage tanks. From these tanks, leachate is recirculated within the landfill to encourage biorecovery.

### Groundwater Monitoring

At Pine Tree Acres Landfill, four up-gradient and 12 down-gradient wells are tested quarterly.

### Gas Management

Pine Tree Acres Landfill has a methane recovery and power generation facility on site and actively collects landfill gas from 184 wells, pulling 5000cfm. Gas is then routed to a landfill gas-to-energy project that provides electricity to more than 6,500 homes.

### Security

Security is provided by a combination of screening berms and fencing along with video surveillance around the scale area.

# PINE TREE ACRES LANDFILL

## About the Site

**Year Opened:** 1987

**Communities served by this location:**

Lapeer, Macomb, Oakland, Sanilac, Tuscola, Washtenaw and Wayne

**Size:** 755.44 acres

**Total Life Expectancy:** 19 Years

**Number of Tons Disposed Annually:**  
2.2 million

**Ownership:** Waste Management

**Permit Information:** MDEQ Facility ID# 398972. EPA ID # MID185388089. Michigan Solid Waste Disposal Area Construction Permit # 372 & 4087 (Does not expire). Michigan Solid Waste Area Operating License No. 9095. (Expires May 27, 2010.)

## Accepted Wastes and Services

The following waste types are accepted at Pine Tree Acres Landfill:

- Asbestos - Friable
- Asbestos - Non-Friable
- Auto Shredder Fluff
- Bioremediation
- Biosolids
- Construction & Demolition (C&D) Debris
- Drum Management - Solids
- E&P Wastes
- Industrial and Special Waste
- Municipal Solid Waste (MSW)
- Tires

## Unacceptable Waste

Pine Tree Acres Landfill does not accept the following wastes:

- Freon-Containing Appliances
- Hazardous Wastes
- Incinerator Ash
- Lead Acid Batteries
- Liquid Waste
- Michigan-Prohibited Wastes

## Additional Services Provided

- On-site Recycling Drop-Off - No Fee
- No-Fee Methane Recovery and Power Generation

## Additional Site Information

**Industrial Waste Disposal** - Waste Management provides the highest level of industrial and special waste services backed with a written indemnification that protects customers from fines, lawsuits, sanctions or other legal/regulatory actions.

**Landfill Gas-to-Energy** - Waste Management is an industry leader in utilizing the innovative technology to beneficially convert landfill gas into a source of energy. This site produces enough gas to heat approximately 6,500 households per day.

**Transportation Services** - Transportation of all types can be arranged through the Michigan TSC, utilizing tankers, roll-offs, end-dumps, box trailers and others.

**Waste Receipt Standard** - Waste Management has a defined waste screening protocol for each of its subtitle D facilities. This waste screening procedure is used to protect our employees, neighbors, and our environment. For all industrial and special waste streams, the generator or agent must complete a Generator's Non-Hazardous Waste Profile (available online at [www.WMDisposal.com](http://www.WMDisposal.com)) for review by our technical staff. Oftentimes, the profile must be accompanied by analysis, MSDS or other pertinent information. Manifests or Waste Shipment Records must generally accompany the waste shipments, and can be provided to you upon approval of the waste stream.

## Community Partnerships and Involvement

Pine Tree Acres Landfill is proud to be an active supporter of the following events, charities, schools and service groups:

- Anchor Bay Tars Football Team
- EMA MAEP
- Richmond Chamber of Commerce Annual Ice Carving Contest
- Richmond High School Senior Night Out
- Lenox Township Fire Department Annual Steak-Out

*From everyday collection to environmental protection,  
Think Green®. Think Waste Management.*

800-WMDisposal

[www.WMDisposal.com](http://www.WMDisposal.com)

