

PINE TREE ACRES LANDFILL

Pine Tree Acres Landfill is a regional facility that provides safe and convenient disposal services for communities, businesses and industries. The only active landfill in Macomb County, Pine Tree Acres Landfill provides services for communities located primarily in southeast Michigan. For more than 20 years, WM has partnered with Wildlife Habitat Council (WHC) to promote sustainability, wildlife preservation, biodiversity and environmental education at the company's WHC-certified sites.

At Pine Tree Acres Landfill, employees actively manage 100 acres for conservation projects focused on birds, awareness and community engagement, landscaping and wetlands. The conservation program at Pine Tree Acres Landfill has been WHC-certified since 2010.

Containment Design

Pine Tree Acres Landfill is constructed predominantly with a composite liner system comprised of a 2-foot thick re-compacted clay liner (or equivalent) overlaying a 10-foot thick natural clay soil barrier, followed by a 60-mil high-density polyethylene liner and a 1-foot thick granular leachate collection layer to ensure that waste and leachate are contained and isolated from soil and groundwater.

Leachate Collection and Treatment

Leachate is a combination of precipitation mixed with the liquid generated by waste as it decomposes. A majority of leachate is directly discharged to the local sewer system where it is treated at a publicly owned water treatment facility.

Groundwater Monitoring

The site implements an Environmental Monitoring Program consisting of 20 groundwater monitoring wells, five surface water monitoring points, and 19-gas monitoring probes. All locations are monitored by an independent third party a minimum of once per quarter.

Landfill Gas Management

The gas collection system is expanded regularly at the site and is currently comprised of over 700 wells that are monitored routinely. There are 19 gas probes that surround the site to test for any migration of landfill gas. Pine Tree Acres produces enough energy to power over 19,000 homes.

Security

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

PINE TREE ACRES LANDFILL

36600 29 Mile Rd

Lenox, MI 48048

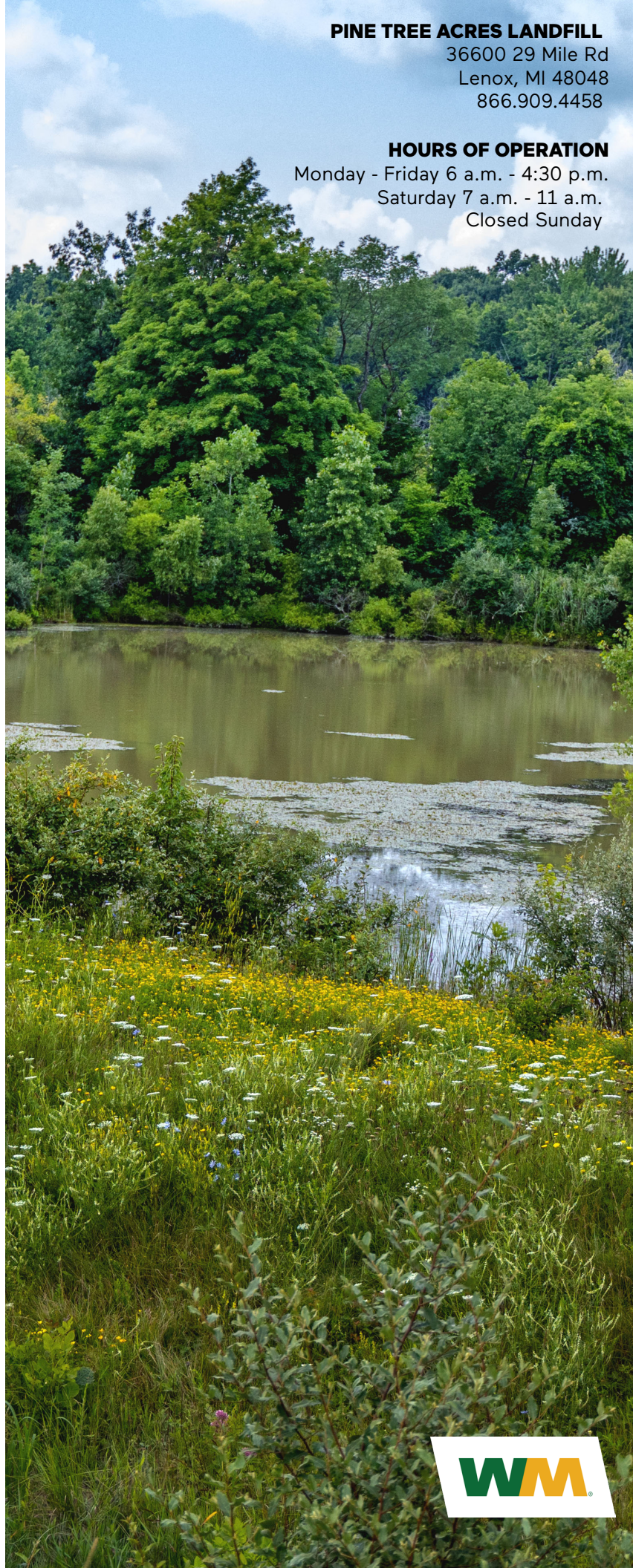
866.909.4458

HOURS OF OPERATION

Monday - Friday 6 a.m. - 4:30 p.m.

Saturday 7 a.m. - 11 a.m.

Closed Sunday





YEAR OPENED

1987

FACILITY ACREAGE

742 acres

PERMITTED FOOTPRINT

377 acres

APPROXIMATE TONS PROCESSED ANNUALLY

3 million tons

OWNERSHIP

WM of Michigan, Inc.

PERMIT TYPE & PERMIT #

Solid Waste Disposal Area Operating License #9539

REGULATORY AGENCIES

Pine Tree Acres is regulated by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) and works closely with its host community, Lenox Township, to ensure compliance with all state and federal regulations.

EMPLOYEES

32

ACCEPTABLE MATERIAL

- Asbestos - Friable/Non Friable
- Auto Shredder Fluff
- Construction & Demolition (C&D) Debris
- Drum Management - Solids
- Industrial & Special Wastes
- Municipal Solid Wastes (MSW)
- NORM (Naturally Occurring Radioactive Material)
- Tires - Halved/Shredded

UNACCEPTABLE MATERIAL

- Beverage Containers
- Freon Containing Appliances
- Hazardous Waste
- Liquids
- Uncrushed Empty Drums
- Whole Tires
- Yard Waste

RISK MITIGATION

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

COMMUNITIES SERVED

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