



**Michigan Department of Environment, Great Lakes, and Energy  
Materials Management Division**

**SOLID WASTE DISPOSAL AREA CONSTRUCTION PERMIT**

Effective April 22, 2019, the Michigan Department of Environmental Quality, by Executive Order Number 2019-06, became the Michigan Department of Environment, Great Lakes, and Energy (EGLE). Effective April 22, 2019, the Waste Management and Radiological Protection Division became the Materials Management Division (MMD).

This construction permit is issued under the provisions of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, MCL 324.11501 et seq., to permit the construction of a solid waste disposal area (Facility) in the state of Michigan. This permit does not obviate the necessity of obtaining other authorization as may be required by state law.

FACILITY NAME: Pine Tree Acres, Inc.

PERMITTEE/FACILITY OWNER: Pine Tree Acres, Inc.

PROPERTY OWNER: Pine Tree Acres, Inc.

TYPE OF FACILITY: Municipal Solid Waste Landfill

FACILITY ID: 398972

COUNTY: Macomb

PERMIT NUMBER: 4169

ISSUE DATE: March 18, 2020

EXPIRATION DATE: One year from date of issuance unless development of the Facility begins within the year.

FACILITY DESCRIPTION: The Pine Tree Acres, Inc. , a municipal solid waste landfill , consists of 555.8 acres located in the East 1/2 of Section 23 and the West 1/2 of Section 24, T4, R14E, Lenox Township, Macomb County, Michigan. The Facility is identified in Attachment A and is fully described in this permit.

RESPONSIBLE PARTY: David Rogers, District Manager  
Pine Tree Acres, Inc.  
36600 29 Mile Road  
Lenox, Michigan 48048  
586-749-9698

This permit is subject to revocation by the Director of the Michigan Department of Environment, Great Lakes, and Energy (Director) if the Director finds that the disposal area is not being constructed or operated in accordance with the approved plans, the conditions of a permit or license, Part 115, or the rules promulgated under Part 115. This permit shall be available through the applicant during its term and remains the property of the Director. Failure to comply with the terms and provisions of this permit may result in legal action leading to civil and/or criminal penalties as stipulated in Part 115.

**THIS PERMIT IS NOT TRANSFERABLE UNLESS PRIOR AUTHORIZATION HAS BEEN OBTAINED FROM THE DIRECTOR.**

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Jack Schinderle, Director  
Materials Management Division  
Michigan Department of Environment, Great Lakes, and Energy

Permittee/Facility Owner: Pine Tree Acres, Inc.  
Facility Name: Pine Tree Acres, Inc.  
Construction Permit Number: 4169  
Issue Date: March 18, 2020

The permittee shall comply with all terms of this permit and the provisions of Part 115 and its rules. This permit includes the permit application and any attachments to this permit.

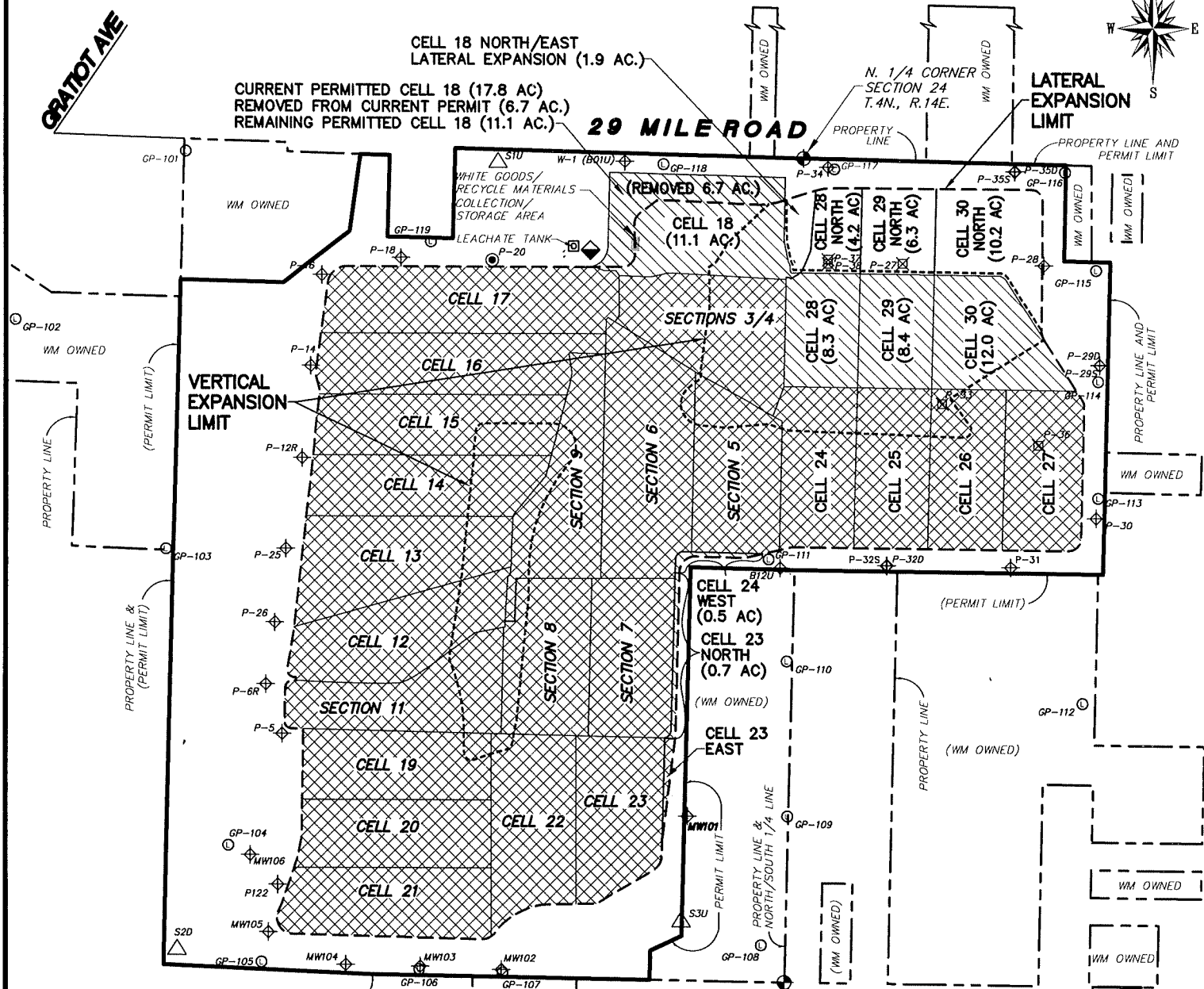
1. The permittee shall construct the Facility in a manner that will not violate any state or federal law.
2. This permit authorizes the construction of the disposal area as defined in the Application for Permit to Construct a Solid Waste Disposal Area (Application) documents dated October 29, 2019, and received by the EGLE on October 31, 2019. The new disposal area authorized by this permit shall not be utilized for the disposal of solid waste until an operating license for the disposal area is issued by EGLE.
3. The attached map (Attachment A) shows the Facility, the area permitted for construction, area(s) authorized for the placement and/or acceptance of solid waste, monitoring points, leachate storage units, site roads, and related appurtenances.
4. Issuance of this permit is based on the assumption that the information submitted by the Applicant in the Application dated October 29, 2019, received by EGLE on October 31, 2019, and any subsequent amendments is accurate. Any inaccuracies or deviations found in this information may be grounds for the revocation or modification of this permit and/or other enforcement action. The permittee shall inform EGLE's MMD Warren District Supervisor, of any known inaccuracies and/or any deviation in the information of the Application that would affect the permittee's ability to comply with the applicable rules or permit conditions. This permit is issued based on EGLE review of the Application, EQP 5506. The Application includes the following documents or their approved revisions that are incorporated by reference and become enforceable portions of this permit:
  - a. Application Form EQP 5506.
  - b. Fee in the amount of \$1,750.00.
  - c. Engineering report titled "Application for Permit to Construct a Solid Waste Disposal Area, Pine Tree Acres, Inc. Landfill, North and East Development Area," dated October 2019 and revised March 2020, prepared by CTI and Associates, Inc.
  - d. Engineering drawings titled "Pine Tree Acres, Inc., North and East Development Area, Construction Permit Application, Lenox Township, Macomb County, Michigan", prepared by CTI and Associates, Inc., dated January 2014, revised December 2018, revised October 2019, and March 2020.
  - e. Report titled "Pine Tree Acres Landfill, 36600 29 Mile Road, Lenox Township, Macomb County, Michigan, Waste Management of Michigan, Inc., Environmental Assessment", published March 5, 2014 and revised October 28, 2019, prepared by ASTI Environmental.
  - f. Volume III of IV: Section 8: Hydrogeologic Investigation Report, Pine Tree Acres Inc.- North and East Development Area, submitted by Golder, dated January 2014, revised March 2015 and October 2019.
  - g. Volume IV of IV: Hydrogeologic Monitoring Plan, Pine Tree Acres Inc.- North and East Development Area, submitted by Golder, dated January 2014, revised March 2015 and October 2019.
5. The sampling parameters and monitoring frequencies are outlined in the Hydrogeological Monitoring Plan. The sampling results shall be submitted to EGLE's MMD Warren District Office.

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6. **VARIANCES:** The permittee is granted the following variance(s) from Part 115 and/or its rules: None.
7. **SPECIAL CONDITIONS:** None.
8. **TERM:** This construction permit shall expire one year after the date of issuance, unless development under the construction permit is initiated within that year.

**END OF PERMIT**

# ATTACHMENT "A"



## LEGEND

- EXISTING GAS MONITORING PROBE
- P-33 EXISTING PIEZOMETER/MONITORING POINT (TO BE ABANDONED)
- P-4 EXISTING GROUNDWATER MONITORING POINT
- P-20 EXISTING GROUNDWATER PIEZOMETER
- △ 505D EXISTING SURFACE WATER MONITORING POINT
- ◆ EXISTING LEACHATE COLLECTION SYSTEM SAMPLING POINT
- - - - - PROPERTY LINE
- - - - - SOLID WASTE LIMIT (AS PERMITTED & PROPOSED)
- - - - - VERTICAL EXPANSION
- - - - - PERMIT LIMIT (555.8 ACRES)

NOTE: SURFACE AND GROUNDWATER MONITORING LOCATIONS ARE APPROXIMATE.

DATE: 10/29/2019 • JOB NO: 7245.112  
 DWG NAME: 7245.112LC (10-29-2019).dwg

**PINE TREE ACRES, INC.**  
 PART OF SECTIONS 23 & 24 T.4S., R.14E.  
 MACOMB COUNTY, MICHIGAN  
 Scale: 1"=1000'

	<b>LATERAL EXPANSION</b> ((22.6 AC CELLS 18, 28-30) LESS 6.7 AC CELL 18 REMOVED)	<b>15.9 AC.</b>
	<b>ACTIVE PORTIONS NOT AT FINAL GRADE (SEE NOTES 1 &amp; 2)</b>	<b>313.6 AC.</b>
<b>NOTES:</b>		
1. CELL 26 IS CONSTRUCTED AND WAS SUBMITTED FOR LICENSE APPROVAL ON SEPTEMBER 5, 2019.		
2. CELL 27 IS UNDER CONSTRUCTION AND WILL BE SUBMITTED FOR LICENSE APPROVAL IN NOVEMBER, 2019.		
	<b>UNCONSTRUCTED AREAS W/O FINANCIAL ASSURANCE</b>	<b>47.7 AC.</b>
PERMITTED CELL 18:		17.8 AC.
PERMITTED CELLS 28-30:		28.7 AC.
PERMITTED CELL 23 NORTH:		0.7 AC.
PERMITTED CELL 24 WEST:		0.5 AC.
<b>ISOLATION AND ANCILLARY AREA</b>		<b>178.6 AC.</b>
<b>EXISTING TOTAL PERMITTED AREA</b>		<b>555.8 AC.</b>