



Michigan Department of Environmental Quality
Office of Waste Management and Radiological Protection

SOLID WASTE DISPOSAL AREA CONSTRUCTION PERMIT

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 and Municipal Solid Waste Incinerator Ash Landfill

FACILITY ID: 398972

COUNTY: Macomb

PERMIT NUMBER: 4143

ISSUE DATE: May 8, 2015

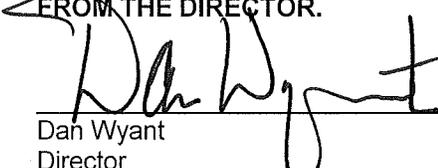
EXPIRATION DATE: One year from date of issuance unless development of the Facility begins within the year.

FACILITY DESCRIPTION: The Pine Tree Acres, Inc., a municipal solid waste landfill and a municipal solid waste incinerator ash landfill, consists of 564.50 acres located in the East 1/2 of Section 23 and the West 1/2 of Section 24, T4N, 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 Environmental Quality (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.



Dan Wyant
Director
Michigan Department of Environmental Quality

Permittee/Facility Owner: Pine Tree Acres, Inc.
Facility Name: Pine Tree Acres, Inc.
Construction Permit Number: 4143
Issue Date: May 8, 2015

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.

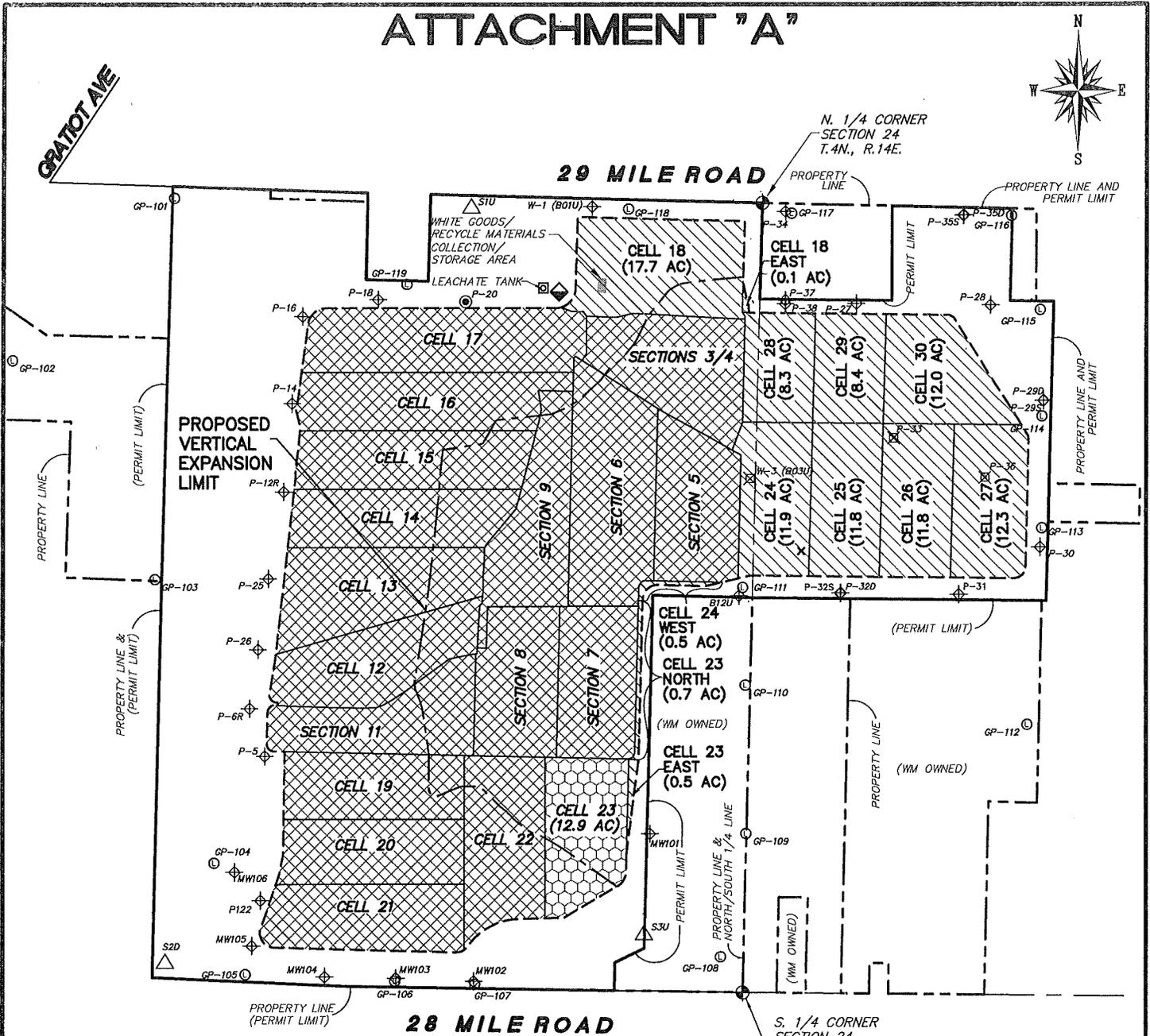
1. The permittee shall construct the Facility in a manner that will not violate any state or federal law.
2. This permit authorizes the construction of the disposal area as defined in the Application for Permit to Construct a Solid Waste Disposal Area (Application) documents dated October 21, 2014, and received by the Michigan Department of Environmental Quality (MDEQ), on October 22, 2014. 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 the MDEQ.
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 21, 2014, received by the MDEQ on October 22, 2014, 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 the MDEQ's Office of Waste Management and Radiological Protection (OWMRP), Southeast Michigan 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 MDEQ 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.
 - c. The Application reports found in Volumes I-IV titled "Application for Permit to Construct a Solid Waste Disposal Area, Pine Tree Acres, Inc. Landfill, East Development Area," dated January 2014, prepared by CTI and Associates, Inc. (unless indicated otherwise), and including the following documents:
 - i. Volume I of IV: Engineering Report and Plans, dated January 2014, revised March and April 2015.
 - ii. Volume II of IV: Environmental Assessment, prepared by ASTI Environmental, dated January 2014, revised April 2015.
 - iii. Volume III of IV: Hydrogeologic Investigation Report, dated January 2014, revised March 2015 and April 2015.
 - iv. Volume IV of IV: Hydrogeologic Monitoring Plan, dated January 2014, revised March 2015 and April 2015.
5. The sampling parameters and monitoring frequencies are outlined in the Hydrogeological Monitoring Plan. The sampling results shall be submitted to the MDEQ's OWMRP, Southeast Michigan District Office.
6. **VARIANCES:** The permittee is granted the following variance(s) from Part 115 and/or its rules: None.

Permittee/Facility Owner: Pine Tree Acres, Inc.
Facility Name: Pine Tree Acres, Inc.
Construction Permit Number: 4143
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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
- △ S05D EXISTING SURFACE WATER MONITORING POINT
- ◆ EXISTING LEACHATE COLLECTION SYSTEM SAMPLING POINT
- PROPERTY LINE
- - - SOLID WASTE LIMIT (AS PERMITTED & PROPOSED)
- PERMIT LIMIT (564.5 ACRES)

NOTE: SURFACE AND GROUNDWATER MONITORING LOCATIONS ARE APPROXIMATE.

DATE: 3/10/2014
JOB NO: 7245.28

DWG NAME: 7245.28 Attachment A-Rev 4-14-15.dwg

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

REVISED: 4/14/2015

⊗	ACTIVE PORTIONS NOT AT FINAL GRADE	252.4 AC.
⊗	UNCONSTRUCTED AREAS W/O FINANCIAL ASSURANCE	96.0 AC.
	PERMITTED CELL 18	17.7 AC.
	PROPOSED CELL 18 EAST	0.1 AC.
	PROPOSED CELL 23 NORTH	0.7 AC.
	PROPOSED CELL 23 EAST	0.5 AC.
	PROPOSED CELL 24 WEST	0.5 AC.
	PROPOSED CELLS 24-30	76.5 AC.
⊗	UNCONSTRUCTED AREAS W/ FINANCIAL ASSURANCE	12.9 AC
	PERMITTED CELL 23:	
	ISOLATION AND ANCILLARY AREA	203.2 AC.
	EXISTING TOTAL PERMITTED AREA	564.5 AC.