



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

## SOLID WASTE DISPOSAL AREA OPERATING LICENSE

This license 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., and authorizes the operation of this solid waste disposal area (Facility) in the state of Michigan. This license does not obviate the need to obtain other authorizations as may be required by state law.

FACILITY NAME: Sauk Trail Development, Inc.

LICENSEE/OPERATOR: Sauk Trail Development, Inc.

FACILITY OWNER: Sauk Trail Development, Inc.

PROPERTY OWNER: Sauk Trail Development, Inc.

FACILITY TYPE(S): Municipal Solid Waste Landfill

FACILITY ID NUMBER: 410118

COUNTY: Wayne

LICENSE NUMBER: 9368

ISSUE DATE: January 28, 2014

EXPIRATION DATE: January 28, 2019

FACILITY DESCRIPTION: The Sauk Trail Development, Inc., a municipal solid waste landfill, consists of 200.7 acres located at 5011 South Lilley Road, Canton Township, Wayne County, Michigan, as identified in Attachment A and fully described in this license.

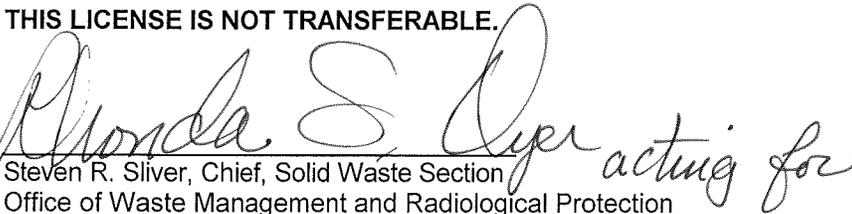
AREA AUTHORIZED FOR DISPOSAL OF SOLID WASTE: As Identified in Items 2 and 3 and Attachment A of this license.

RESPONSIBLE PARTY: Mr. Ralph Dach, General Manager  
Sauk Trail Development, Inc.  
5011 South Lilley Road  
Canton, Michigan 48188  
734-397-2790

**RENEWAL OPERATING LICENSE:** This License Number 9368 supersedes and replaces Solid Waste Disposal Area Operating License Number 9186 issued to Sauk Trail Development, Inc., on November 24, 2008.

This license is subject to revocation by the Director of the Michigan Department of Environmental Quality, if the Director finds that this Facility 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. Failure to comply with the terms and provisions of this license may result in legal action leading to civil and/or criminal penalties pursuant to Part 115. This license shall be available through the licensee during its term and remains the property of the Director.

**THIS LICENSE IS NOT TRANSFERABLE.**

  
Steven R. Sliver, Chief, Solid Waste Section  
Office of Waste Management and Radiological Protection *acting for*

Licensee: Sauk Trail Development, Inc.  
Facility Name: Sauk Trail Development, Inc.  
Operating License Number: 9368  
Issue Date: January 28, 2014

The licensee shall comply with all terms of this license and the provisions of Part 115 and the administrative rules implementing Part 115 (Part 115 Rules). This license includes the license application and any attachments to this license.

1. The licensee shall operate the Facility in a manner that will prevent violations of any state or federal law.
2. The following portions of the Facility are authorized to receive solid waste by this license:

**ACTIVE PORTIONS NOT AT FINAL GRADE:** The area(s) identified as Cell A (8.2 acres), Cell B (10.8 acres), Cell C (10.9 acres), Cell D West (10.0 acres), Cell G (14.12 acres), Cell H (2.3 acres), Cell I (6.6 acres), Cell J (7.8 acres), Cell K (13.476 acres), Cell L (16.22 acres), Cell D East (5.3 acres), Cell E (10.9 acres) were authorized to receive waste by the previous license. This area's total acreage is 116.6 acres.
3. The following portions of the Facility **WILL BE** authorized to receive solid waste by this license following approval by the Michigan Department of Environmental Quality (MDEQ) of construction certification: None.
4. The following portions of the Facility are **NOT** authorized to receive solid waste by this license:
  - a. **UNCONSTRUCTED AREA(S) WITHOUT FINANCIAL ASSURANCE:** The area(s) identified as Cell F are not constructed and are not included in the calculation of financial assurance as required by Section 11523 of Part 115. This area's total acreage is 12.9 acres.
  - b. **UNCLOSED AREA(S):** The area(s) identified as Cell G (2.0 acres), Cell H (8.5 acres), Cell I (3.3 acres) are at final grade but have not had final cover certification approved by the MDEQ. This area's total acreage is 13.8 acres.
  - c. **CLOSED UNIT(S) OR A PORTION OF A UNIT WHERE THE FINAL COVER HAS BEEN CERTIFIED CLOSED AND ACCEPTED BY THE MDEQ:** The following unit(s) and/or portion(s) are closed:

**EXISTING UNIT(S):** The unit(s) or portion(s) of unit(s) identified as portions of Cell L (7.68 acres), Cell A (4.31 acres), Cell G (0.72 acres), Cell I (0.2 acres), and Cell J (4.25 acres) had final closure certified on March 17, 2003. This certification was reviewed and approved by the MDEQ on March 14, 2006, and January 31, 2008. This area's total acreage is 17.16 acres.
5. The attached map (Attachment A) shows the Facility, the area permitted for construction, monitoring points, leachate storage units, site roads, other disposal areas, and related appurtenances.
6. Issuance of this license is conditioned on the accuracy of the information submitted by the Applicant in the Application for License to Operate a Solid Waste Disposal Area (Application) received by the MDEQ on October 10, 2013, and any subsequent amendments. Any material or intentional inaccuracies found in that information is grounds for the revocation or modification of this license and may be grounds for enforcement action. The licensee shall inform the MDEQ's Office of Waste Management and Radiological Protection (OWMRP), Southeast Michigan District Supervisor, of any inaccuracies in the information in the Application upon discovery.
7. This license is issued based on the MDEQ's review of the Application, submitted by Sauk Trail Development, Inc., for the Sauk Trail Development, Inc., dated October 9, 2013, and revised November 1, 2013. The Application consists of the following:
  - a. Application Form EQP 5507.
  - b. Application fee in the amount of \$20,000.00.
  - c. Certification of construction by N/A.
  - d. Waste Characterization: N/A.

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e. Restrictive Covenant:

The Sauk Trail Hills Landfill June 6, 1997, restrictive covenant on 160.476 acres is on file at the Wayne County Register of Deeds recorded on March 30, 1999, as Liber 30177 pages 8621-8626. A copy is on file with the MDEQ.

f. Perpetual Care Fund Agreement, established as a trust account, signed by Mr. Steven C. Martin, CPA, Controller, Wayne Disposal-Canton, Inc., on May 27, 1997, was executed by the MDEQ on May 30, 1997.

g. Financial Assurance.

i. Financial Assurance Required:

The amount of financial assurance required for this Facility was calculated based on the calculation worksheet form EQP 5507A entitled, "Form A, Financial Assurance Required," and is \$13,650,798.00.

The Facility has provided financial assurance totaling \$13,650,798.00, based on the requirements of Section 11523 of Part 115, consisting of a combination of the Perpetual Care Fund established under Section 11525 of Part 115, bonds, and the financial capability of the Applicant as evidenced by a financial test. The financial assurance mechanisms used by the Facility are summarized below in Items ii, and iii, and iv, respectively.

ii. Financial Assurance Provided Via a Perpetual Care Fund:

- (1) The amount of the required financial assurance can be reduced pursuant to Section 11524 of Part 115, if the amount of money in the Perpetual Care Fund plus the amount of the reduced financial assurance equals the amount of financial assurance required in Section 11523 of Part 115 and is approved by the MDEQ.
- (2) The Perpetual Care Fund Agreement statement showed a balance of \$2,078,000.00 in the Facility's Perpetual Care Fund as of September 30, 2013. Of this amount, the MDEQ has granted the request to use \$2,078,000.00 toward the total amount of financial assurance required.

iii. Financial Assurance Provided Via Bond:

The following financial assurance has been received from the Applicant to meet the amount of financial assurance required:

Surety Bond	\$11,572,798.00
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Total Amount Received:	\$11,572,798.00
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iv. Financial Assurance Updates Required:

For Type II landfills, the financial assurance cost estimates of closure and postclosure activities must be updated annually and the corresponding requisite amount of financial assurance must be adjusted annually for the costs of inflation. The corresponding financial assurance, as adjusted for inflation and other factors, is due on January 28, 2015, and each year thereafter.

8. The following documents approved with Construction Permit Number(s) 0264, 0380, and 4093 issued to Wayne Disposal-Canton, Inc., and Sauk Trail Hills Development Landfill, respectively on June 25, 1992, March 22, 2000, and May 8, 2008, are incorporated in this license by reference:

- a. Engineering Plans dated March 9, 1990, and revised August 8, 1990, and January 8, 1992, by Midwestern Consulting, Inc.
- b. An Engineering Report dated March 1990, by Midwestern Consulting, Inc.

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- c. A report and accompanying set of plans titled "Supplemental Geotechnical Engineering Report - Sauk Trail Hills Landfill" dated July 31, 1990, and revised April 26, 1991, by NTH Consultants, Ltd.
  - d. A report titled "Report on Preliminary Hydrogeologic Investigation" dated December 13, 1989, by NTH Consultants, Ltd.
  - e. A report titled "Report on Supplemental Hydrogeologic Investigation" dated December 13, 1989, by NTH Consultants, Ltd.
  - f. A report titled "Landfill Engineering Report" dated March 28, 1990, by NTH Consultants, Ltd.
  - g. "Addendum 1, Geotechnical Calculations, Proposed Sauk Trail Hills Landfill" by NTH Consultants, Ltd.
  - h. An Environmental Assessment dated March 14, 1990, by ASTI.
  - i. A report titled "Report on Leachate Collection System Investigation - Wayne Disposal-Canton Landfill" dated November 9, 1990, and revised January 25, 1991, by NTH Consultants, Ltd.
  - j. A report titled "Report on Test Boring No. 110 through 113 - Proposed Sauk Trail Hills Landfill" dated December 21, 1990, and revised January 25, 1991, by NTH Consultants, Ltd.
  - k. An excavation plan for the Canton Solid Waste Disposal and Recycling Center - Phase I and K & J Landfills dated February 1991.
  - l. A report titled "Performance Standard for Leachate Levels in Cell L" prepared by Wayne Disposal-Canton, Inc.
  - m. A statement of the "Contents of Certification Document for Cells G, H, I, and J" prepared by Wayne Disposal-Canton, Inc.
  - n. A statement of the "Contents of Certification Document for Cells A, B, C, D, E, F, and K" prepared by Wayne Disposal-Canton, Inc.
  - o. Engineering Plans titled "Sauk Trail Hills Development, Type II Sanitary Landfill, Construction Permit Application, Canton Township, Wayne County, Michigan, November 1999" prepared by Midwestern Consulting, Inc., and sealed by Mr. James C. Sullivan, P.E., Number 37808. The revised engineering drawings containing the above described title sheets 1-19 were stamped received by the MDEQ on February 7, 2000. The February 3, 2000, submittal revised engineering plan sheets 8, 9, 14, and 18; each of these plan sheets is dated revised February 1, 2000.
  - p. Engineering Report titled "Sauk Trail Hills Development Vertical Expansion, Wayne County, Michigan, Part 115 Construction Permit Application, November 1999," prepared by Midwestern Consulting, Inc., and NTH Consultants, Ltd., amended Section 3.0, subsection 2.0, "Primary Leachate Collection and Removal System" of the Engineering Report was transmitted via Mr. Wayne R. Bergstrom, NTH Consultants, Ltd., February 3, 2000. Amended Section 3.0, subsection 3.0, subsection 2.0 was sealed by Mr. James C. Sullivan, P.E., Number 37808. This revised section was stamped received by the MDEQ on February 7, 2000, and replaced the corresponding updated section in the Engineering Report.
  - q. Modified Engineering Plans (sheets 8, 9, 10, 11, 13, 14, 18, and 19) entitled "Sauk Trail Hills Development, Canton Township, Wayne County, Michigan," dated November 10, 1999, and revised on December 11, 2007, prepared by Midwestern Consulting, Inc., and sealed by Mr. James C. Sullivan, P.E. Number 37808.
  - r. Cover Letter titled, "Request for Approval of Construction Permit Modification, Revised Liner and Cap Design, Sauk Trail Development Landfill," dated December 13, 2007, and received on December 17, 2007..
9. The following additional documents, approved since the issuance of the construction permit(s) referenced in Item 8, are incorporated in this license by reference:

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- a. Construction Certification Retrofitting and Preparation for Vertical Expansion, Cell L, Parts 1, 2, 3, 4, prepared by NTH Consultants Ltd., dated March 1993.
- b. Engineering site plan dated November 3, 1993, and received by the MDEQ on November 8, 1993.
- c. Engineering plans dated January 12, 1994, and received by the MDEQ on January 18, 1994, and subsequent letters related to these plans dated March 30, 1994, and April 1, 1994.
- d. Construction Certification for Earthwork, Cell A, prepared by NTH Consultants Ltd., dated July 1994.
- e. Landfill Hydrogeologic Monitoring Plan; Wayne Disposal-Canton, Inc., Sauk Trail Hills Landfill; submitted by Brown and Caldwell, dated June 20, 2008, revised November 10, 2008 by Brown and Caldwell.
- f. Construction Certification for Geosynthetic Materials, Cell A, Volumes I, II, and Addendum, prepared by NTH Consultants Ltd., dated August 1994.
- g. Engineering plans, Page 1 and 3, dated August 10, 1994, and received by the MDEQ on May 1, 1995.
- h. Cell B construction plans dated August 10, 1994, Sheets 1-6.
- i. Cell C construction plans dated December 2, 1994, Sheets 1-6.
- j. Sauk Trail Hills Construction Permit Modification dated December 1994 and revised (Sheets 20, 23, 24, 24A, and 26) dated May 1998 prepared by Midwestern Consulting.
- k. Construction Certification for Earthwork and Geosynthetic Materials, Cell B, Volumes I and II, Prepared by NTH Consultants Ltd., dated May 1995.
- l. Construction Documentation Report for Liner and Leachate Collection System, Cell C, prepared by RMT, Inc., dated July 1995.
- m. Operational Procedures for Alternate Daily Cover Material dated August 16, 1995, and revised with the issuance of a license amendment to Solid Waste Disposal Area Operating License Number 8283 on February 24, 1997.
- n. Sauk Trail Hills Landfill Construction Permit Modifications cover sheet and sheets 1-30 dated October 16, 1995.
- o. Leachate and Landfill Gas Condensate Recirculation Plan, prepared by Engineering Geo Techniques, Inc., dated October 11, 1995, revised January 12, 1996, and February 26, 1996.
- p. Documents approved in a letter dated July 19, 1996 include: "Revised Site Plans" letter dated November 10, 1995, "Verification of the Natural Soil Barrier at the Sauk Trail Hills Landfill" letter dated April 10, 1995, Engineering Plans dated October 16, 1995, "Revised Engineering Plans" letter and engineering plans received on November 16, 1995, "Drainage Runoff Calculations" dated November 16, 1995, "Leachate Collection System, Cell L – Sauk Trail Hills Landfill" dated June 1996, "Sauk Trail Hills Landfill Cell I, J and L Revisions" letter dated June 8, 1994 and "Construction Quality Assurance Plan" dated May 1991 and revised February 1996 which includes "Attachment 1 – Leachate Extraction Well #6 Work Plan – Cell L Leachate Level Records", "Attachment 2 – Soil Filter Analysis and Design", "Attachment 3 – Engineering Drawings, Cell L Proposed Design", and "Attachment 4 – STH Construction Quality Assurance (CQA) Plan."
- q. Statistical Monitoring Plan; Wayne Disposal-Canton, Inc., Sauk Trail Hills Landfill, dated January 7, 1997, revised April 1997, June 2008, September 2012, and April 2013.
- r. Letter approving Cell L – Leachate Extraction Well Decommissioning dated March 19, 1997.
- s. Construction certification report titled "Construction Quality Assurance Monitoring Services," Cell G, Volumes I and II, prepared by Golder Construction Services, Inc., dated September 1997.

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- t. Engineering report for Cell J liner design modifications titled "Proposed Liner Design Modification, Sauk Trail Hills Type II Landfill, Canton Township, Michigan," prepared by NTH Consultants, Inc., dated July 9, 1998.
- u. Soil Remediation Verification of Cell J Report, NTH Consultants, Inc., Sauk Trail Hills Landfill, dated December 1998 and approved January 25, 1999.
- v. Construction Certification for Earthwork and Geosynthetics, Cell J, Volumes I and II, prepared by NTH Consultants, Ltd., dated December 16, 1998.
- w. Construction Certification Report, North Phase Cell L Overfill, prepared by NTH Consultants Ltd., dated August 1999.
- x. Construction Certification for Earthwork and Geosynthetics, Cell I, Volumes I and II, prepared by NTH Consultants Ltd., dated October 1999.
- y. Construction Certification Report, Cell H, Volumes I and II, prepared by the Mannik & Smith Group, Inc., dated December 2000.
- z. Design Modification Report Leachate Management System, prepared by Midwestern Consulting, LLC, dated December 2001. This document contains engineering plans for the addition of a 321,000-gallon leachate tank.
- aa. MDEQ support of proposed removal of Cells G, H, I, and J from Part 201 Contaminated Sites in letter dated January 29, 2002. Based on Report titled "Summary of Relevant Project Documents, K & J Landfill and CWS Landfill" prepared by CTI and Associates, Inc., dated October 2001.
- bb. Construction Certification Report for Cell D, Volumes I and II, dated January 2002, and additional documents dated February 12, 2002, prepared by the Mannik & Smith Group, Inc., approved with conditions in letter dated March 25, 2002.
- cc. Letter dated April 23, 2002, titled "Sauk Trail Hills Development, Inc., Construction Quality Control Plan- Revision, Final Cover- Section 9" which contained revisions to Section 9 of the approved construction quality control plan.
- dd. Construction Certification Report for Cell D east Overliner dated March 1, 2004, approved in a letter dated April 29, 2004.
- ee. Revised Construction Quality Control Plan dated May 6, 2005, revised May 23, 2005, and approved on May 31, 2005.
- ff. Construction Certification Report for Cell L Final Cover dated April 29, 2002, for 7.68 acres, revised on March 15, 2005, and March 2, 2006, and approved on March 14, 2006.
- gg. New cell construction certification report for Cell K titled "Cell K Construction Certification for Earthwork and Geosynthetics," dated October 19, 2006, for 13.476 acres, revised on December 14, 2006, and approved on December 15, 2006.
- hh. Operations Plan dated November 1999, revised November 9, 2006, revised June 20, 2007, and approved on June 25, 2007.
- ii. Engineering documents for Cell L liner re-grading dated August 1, 2007, consisting of "Attachment A - Updated Cell L primary liner grades," "Attachment B - Net airspace loss," "Attachment C - Original NTH Cell L Settlement calculations from Sauk Trail Hills Development vertical expansion Part 115 Construction Permit Application, approved 1999," and "Attachment D - MSG verification of NTH settlement calculations," approved on August 7, 2007.

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- jj. Leachate drainage layer (Cell K) certification titled "Cell K Construction Certification for Leachate Collection Sand" dated September 6, 2007, for 3.3 acres on northern and eastern slopes of Cell C, and approved on September 12, 2007.
  - kk. Cell L overliner certification titled "Cell L Overliner Construction Certification for Earthwork and Geosynthetics," dated November 7, 2007, for 4.1 acres, revised January 2, 2008, and approved on January 4, 2008.
  - ll. Partial closure certification titled "Certification Documentation Cells A, I and J Final Cover," prepared by The Mannik & Smith Group, received on March 17, 2003, for 9.48 acres, and approved on January 31, 2008.
  - mm. Request for alternate daily cover titled "Request for Approval of Garnet Abrasive Grains and Powder as Alternate Daily Cover Generated at Cut-All Waterjet Cutting, Inc., 25944 Northline Road, Taylor, Michigan for Sauk Trail Development Landfill," dated August 13, 2008, and approved October 16, 2008.
  - nn. Engineering report titled "Sauk Trail Development, Inc. Landfill, Cell E West Construction Certification for Earthwork and Geosynthetics, received on December 27, 2010, and approved on March 16, 2011.
  - oo. Requests for various alternate daily covers approved on August 17, 2009, (auto fluff), June 20, 2011, (soil from Detroit Metropolitan Airport), and on March 14, 2013 (wastewater filter cake).
  - pp. Engineering plans titled "Sauk Trail Hills High BTU Landfill Gas Project" dated June 2011 and revised July 11, 2011.
  - qq. Republic Services Prohibited Waste Plan dated June 2013, Revision 4.0 and prepared by Midwestern Consulting, LLC.
10. Consent Order/Judgment Number: N/A.
11. The licensee shall repair any portion of the certified liner or leachate collection system that is found to be deficient or damaged during the term of this license unless determined otherwise by the MDEQ.
12. The licensee shall have repairs to any portion of the certified liner or leachate collection system recertified by a registered professional engineer in accordance with R 299.4921 of the Part 115 Rules and approved by the MDEQ before receiving waste in that portion of the certified liner or leachate collection system. The licensee shall submit the recertification to the MDEQ's OWMRP, Southeast Michigan District Office Supervisor, for review and approval.
13. The licensee shall conduct hydrogeological monitoring in accordance with the approved hydrogeological monitoring plan, submitted by Brown and Caldwell, dated June 20, 2008, revised November 10, 2008 by Brown and Caldwell. The sampling analytical results shall be submitted to the MDEQ's OWMRP, Southeast Michigan District Office.
14. Modifications to the approved hydrogeological monitoring plan referenced in Item 13 may be approved, in writing, by the OWMRP, Southeast Michigan District Supervisor. Proposed revisions must be submitted in a format specified by the MDEQ.
15. Leachate may be recirculated if a leachate recirculation plan has been approved, in writing, by the OWMRP, Southeast Michigan District Supervisor.
16. Modifications to approved engineering plans that constitute an upgrading, as defined in R 299.4106a(l) of the Part 115 Rules, may be approved, in writing, by the OWMRP, Southeast Michigan District Supervisor.
17. Requests for alternate daily cover may be approved, in writing, by the OWMRP, Southeast Michigan District Supervisor.
18. Leakage Control Criteria:

The active portions of the unit(s) authorized to receive waste by this license is a monitorable unit(s) which is located over a natural soil barrier and that is in compliance with the provisions of R 299.4422(2) of the Part 115 Rules.

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19. **VARIANCES:** None.

20. **SPECIAL CONDITIONS:**

a. The licensee shall place a compacted layer of not less than six inches of earthen material, unless an exemption is granted, of suitable cover material on all exposed solid waste by the end of each working day, as required by R 299.4429(1) of the Part 115 Rules. Suitable cover shall be either uncontaminated soil or an alternate cover approved by the OWMRP, listed in Item i, below. Alternate cover shall be restricted as indicated in Item ii and applied as per the approved operational plan submitted by the licensee.

i. Approved alternate cover shall be any of the following:

<u>Product/Waste Material</u>	<u>Source</u>	<u>Monthly Volume</u>
1)Class A	Various	Varies
(2)Shredded Tires	Various	Varies
(3)Construction and Demolition Waste Materials	Various	Varies
(4)Garnet Abrasive Grains and Powder	Cut-All Waterjet Cutting, Inc. 25944 Northline Road, Taylor, Michigan	approx. 20 cubic yards/week
(5)Auto fluff	Fritz Enterprises, Inc. Huron Valley Steel Corporation	approx. 7000 cyds/week approx. 12,000 cyds/week
(6)Waste water filter cake	Chrysler Jefferson North	approx. 30 cyds/week

ii. The above materials are approved for daily cover when used in the following manner:

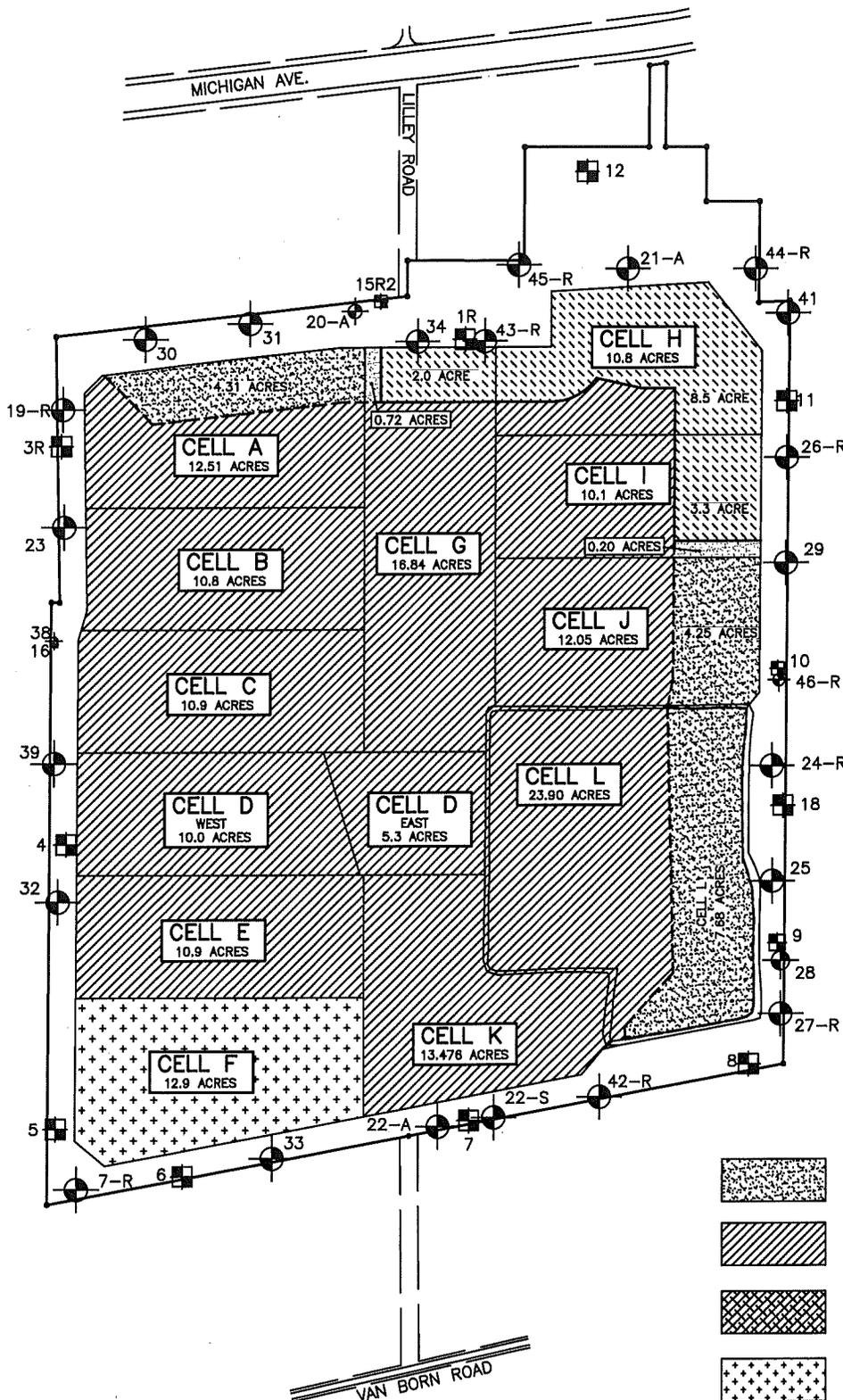
- (1) The licensee shall use the material as daily cover only. The material cannot be used for road building or fill in other areas of the Facility's operation.
- (2) The licensee shall maintain copies of the testing performed on Class B and Class C materials in the facility operating record.
- (3) The licensee shall only stockpile material in a secure manner within the active cell.
- (4) This approval does not preclude the licensee from disposing of the material as waste in the active fill area instead of using the material as daily cover.
- (5) This approval shall immediately become void upon documentation by the MDEQ that the alternative cover is not being used in accordance with listed conditions, that the alternative cover is not providing the necessary protection, that the material no longer meets the alternative daily cover guidelines, or that the process producing the waste material has changed.
- (6) If the material does not meet the guidelines from Attachment 2 of Policy and Procedure OWMRP-115-10, for nonvolatiles, the licensee shall ensure that fugitive dust emissions from this material do not occur. Acceptable methods to ensure fugitive emissions do not occur are:
  - (a) Implement a schedule to wet down material; or
  - (b) Cover the material with a tarp; or
  - (c) Apply an approved foam or other appropriate commercial dust control product.

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- (7) This approval to use alternative cover shall expire upon expiration of this operating license.
- b. The licensee is authorized by a letter dated December 6, 1994, from the MDEQ to the licensee, to use shredded scrap tires in conjunction with sand in the leachate collection system.
  - c. The licensee is authorized to recirculate leachate as specified in the Leachate and Landfill Gas Condensate Recirculation Plan identified in Item (9)(o) of this license.
  - d. The licensee shall install leachate meters in each leachate sump of each newly constructed cell of the landfill, and shall measure and record the volume of liquids removed and the depth of leachate in the sump.
  - e. The licensee shall notify the MDEQ of any fire events at the Facility within 48 hours.
21. **TERM:** This license shall remain in effect until its expiration date, unless revoked or continued in effect, as provided by, the Administrative Procedures Act, 1969 PA 306, as amended, or unless superseded by the issuance of a subsequent license.

**END OF LICENSE**

ATTACHMENT A



- EXISTING GROUNDWATER MONITORING WELLS
- EXISTING GAS MONITORING PROBES

- CERTIFIED PARTIALLY CLOSED AREA = 17.16 AC.
- ACTIVE FILL AREA NOT YET AT FINAL GRADE = 116.616 AC.
- NEW AREA TO BE CONSTRUCTED THIS LICENSE, W/ FINANCIAL ASSURANCE = 0.0 AC.
- UNCONSTRUCTED AREA W/O FINANCIAL ASSURANCE = 12.90 AC.
- UNCLOSED AREAS AT FINAL GRADE = 13.80 AC.

ANCILLARY AREA = 40.224 AC.

**MIDWESTERN CONSULTING**



Civil, Environmental and Transportation Engineers  
 Planners, Surveyors  
 Landscape Architects  
 3815 Plaza Drive  
 Ann Arbor, Michigan 48108  
 Phone: 734.995.0200  
 Fax 734.995.0599

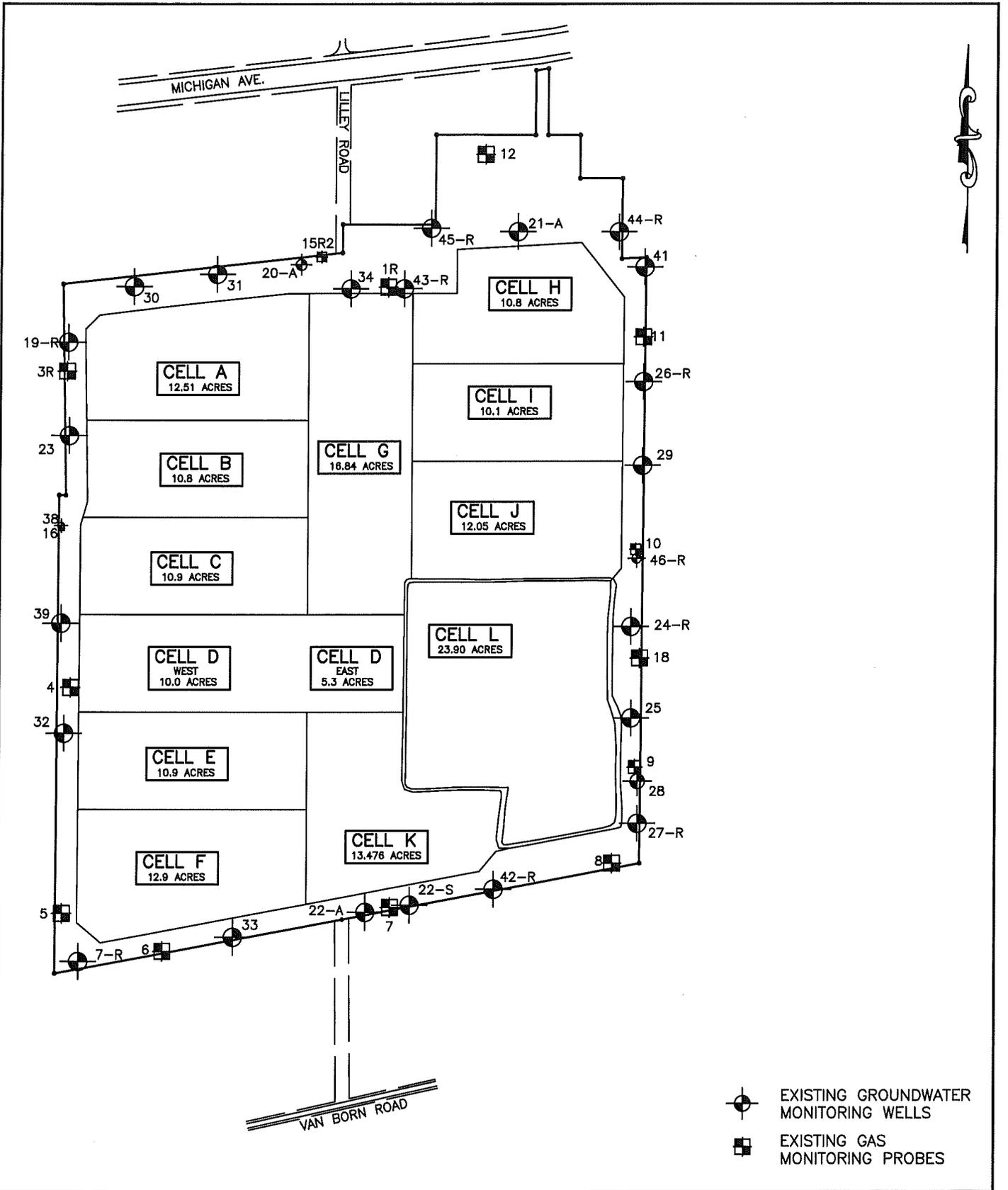
**SAUK TRAIL HILLS DEVELOPMENT ATTACHMENT "A"**

DATE: 10/9/13      JOB NO.: **00013C**

SCALE: 1" = 600'



SHEET 1 OF 2



# MIDWESTERN CONSULTING



Civil, Environmental and Transportation Engineers  
 Planners, Surveyors  
 Landscape Architects

3815 Plaza Drive  
 Ann Arbor, Michigan 48108  
 Phone: 734.995.0200  
 Fax 734.995.0599

## SAUK TRAIL DEVELOPMENT GAS PROBE LOCATIONS

DATE: 10/9/13      JOB NO.: **00013C**

SCALE: 1" = 600'



SHEET 2 OF 2