

Michigan Department of Natural Resources and Environment
Environmental Resource Management Division

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: Edw. C. Levy Co. Landfill

LICENSEE/OPERATOR: Edw. C. Levy Co.

FACILITY OWNER: Edw. C. Levy Co.

PROPERTY OWNER: Edw. C. Levy Co.

FACILITY TYPE(S): Type III Industrial Landfill

FACILITY ID NUMBER: 399611

COUNTY: Wayne

LICENSE NUMBER: 9294

ISSUE DATE: December 10, 2010

EXPIRATION DATE: December 10, 2015

FACILITY DESCRIPTION: The Edw. C. Levy Co. Landfill, a Type III industrial landfill, consists of 84.62 acres located at 21280 Pennsylvania Road, city of Taylor, Wayne County, Michigan, as identified in Attachment A and Attachment B and fully described in this license.

AREA AUTHORIZED FOR DISPOSAL OF SOLID WASTE: Identified in Item 2 of this license.

RESPONSIBLE PARTY: John D. Guydan, Vice President
Edw. C. Levy Co.
8800 Dix Avenue
Detroit, Michigan 48209
313-843-7200

RENEWAL OPERATING LICENSE: This License Number 9294 supersedes and replaces Solid Waste Disposal Area Operating License Number 9117 issued to Edw. C. Levy Co., on September 14, 2005.

This license is subject to revocation by the Director of the Michigan Department of Natural Resources and Environment, 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 and Land Application Section
Environmental Resource Management Division

Licensee: Edw. C. Levy Co.
Facility Name: Edw. C. Levy Co. Landfill
Operating License Number: 9294
Issue Date: December 10, 2010

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 active fill were authorized to receive waste by the previous license. This area's total acreage is 36.82 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 Natural Resources and Environment (DNRE) of construction certification: None.
4. The following portions of the Facility are **NOT** authorized to receive solid waste by this license:

CLOSED UNIT(S) OR A PORTION OF A UNIT WHERE THE FINAL COVER HAS BEEN CERTIFIED CLOSED AND ACCEPTED BY THE DNRE: The following unit(s) and/or portion(s) are closed:

EXISTING UNIT(S): The unit(s) identified as Phase A, Phase B, and Phase C had final closure certified on January 1998 with a subsequent submittal dated February 24, 1999. This area's total acreage is 20.65 acres. This certification was reviewed and approved by the DNRE on May 12, 1999. The area identified as Phase D (4.7 acres) had final closure certified on April 2000 and revised on June 4, 2001. This certification was reviewed and approved by the DNRE on April 27, 2005. The areas identified as Phase E and Phase F (10.51 acres) had final closure certified on December 2, 2005, and November 2, 2006, respectively. Areas A-F's acreage is 35.86 acres.

5. The attached map (Attachment A and Attachment B) 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 DNRE on August 12, 2010, 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 DNRE's Environmental Resource Management Division (ERMD), Southeast Michigan District Supervisor, of any inaccuracies in the information in the Application upon discovery.
7. This license is issued based on the DNRE's review of the Application, submitted by Edw. C. Levy Co., for the Edw. C. Levy Co. Landfill, dated August 11, 2010, and revised September 13, 2010 and November 17, 2010. The Application consists of the following:
 - a. Application Form EQP 5507.
 - b. Application fee in the amount of \$2,500.00.
 - c. Certification of construction by NA.
 - d. Waste Characterization: Results of the annual waste characterization required by R 299.4122 of the Part 115 Rules shall be submitted yearly on the anniversary date of the license.
 - e. Restrictive Covenant:

The Edw. C. Levy Co. restrictive covenant on 87.24 acres is on file at the Wayne County Register of Deeds recorded on April 25, 2007, as Liber 46240 pages 368-371. A copy is on file with the DNRE.

Licensee: Edw. C. Levy Co.
Facility Name: Edw. C. Levy Co. Landfill
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f. Perpetual Care Fund Agreement, established as a trust account, signed by Ms. Albertha S. Trybus, Assistant Corporate Secretary, Edw. C. Levy Co. on November 6, 1998, was executed by the DNRE on December 11, 1998.

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 includes a Surety Bond of \$20,000.00 per acre of licensed landfill, additional financial assurance in the amount of \$50,000.00, and the Perpetual Care Fund requirement.

The Facility has provided financial assurance totaling \$1,980,896.00. 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, and the bonding requirements of Section 11523 (1)(a) of Part 115, the required financial assurance is \$1,928,500.00. The financial assurance mechanisms used by the Facility are summarized below in Items ii and iii, respectively.

ii. Financial Assurance Provided Via a Perpetual Care Fund:

The Perpetual Care Fund Agreement statement showed a balance of \$1,533,377.16 in the Facility's Perpetual Care Fund as of June 30, 2010.

iii. Financial Assurance Provided Via Bond:

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

Cash Bond	\$101,519.00
Surety Bond	\$346,000.00
Total Amount Received:	\$447,519.00

iv. Financial Assurance Updates Required:

The licensee is required under condition M.1. of Construction Permit Number 0282 issued on August 13, 1993, to provide a cash bond in the amount of \$50,000.00 for the installation, operation, and maintenance of the perimeter leachate collection system. The licensee may request a return of the cash bond, plus accumulated interest in accordance with condition M.3. of the permit.

8. The Facility was initially licensed pursuant to the repealed Garbage and Refuse Disposal Act, 1965 PA 87, therefore, the "grandfathered" engineering plans titled "Pennsylvania Road Land Reclamation." Exhibit G-I, approved by the MDEQ on August 26, 1976, are incorporated in this license by reference. The following additional documents, approved since the approval of the engineering plans, are incorporated in this license by reference:

- a. Engineering As-built Plans titled, "Pennsylvania Road Land Reclamation 1990 New Cell #1," (PRP 890 sheets 1-3), received by MDEQ on September 12, 1990.
- b. Engineering As-built Plans titled, "Levy - Taylor Landfill As-built Drawings New Cell #2 Application," (PENN 1021, sheets 1-5), received by MDEQ on February 13, 1992.
- c. Engineering As-built Plans titled, "Levy - Taylor Landfill "As-built" Construction Plan - Cell #3," (PENN 1029, sheets 1 4), dated November 3, 1992.

Licensee: Edw. C. Levy Co.
Facility Name: Edw. C. Levy Co. Landfill
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9. The following documents approved with Construction Permit Number 0282 issued to Edw. C. Levy Co. on August 3, 1993, are incorporated in this license by reference:
 - a. Phase II Hydrogeological Investigation, Edw. C. Levy Co. Landfill, Solid Waste Management Act Construction Permit Application, Volume II (Hydrogeological report and Appendices A-G), prepared by RMT, Inc., dated April 15, 1992.
 - b. Well logs for the replacement wells, prepared by RMT, Inc., dated April 15, 1992.
 - c. Groundwater Quality Report, Edw. C. Levy Co. Landfill, Solid Waste Management Act Construction Permit Application, Volume III (Supplemental Hydrogeological Report), prepared by Edw. C. Levy Co., dated January 14, 1993.
 - d. Detail Specifications with Construction Plan Sheets 1 through 16, prepared by RMT, Inc., dated October 1992, revised February 1993, and June 1993, received on June 21, 1993.
 - e. Construction Permit Application, Type III - Vertical Expansion at Edw. C. Levy Co. Landfill by RMT, Inc., received by the MDEQ on June 21, 1993.
 - f. Phase II Hydrogeological Investigation, Edw. C. Levy Co. Landfill, Solid Waste Management Act Construction Permit Application, Volume II (Hydrogeological report and Appendices A-G), prepared by RMT, Inc., dated April 15, 1992.
 - g. Well logs for the replacement wells, prepared by RMT, Inc., dated April 15, 1992.
 - h. Groundwater Quality Report, Edw. C. Levy Co. Landfill, Solid Waste Management Act Construction Permit Application, Volume III (Supplemental Hydrogeological Report), prepared by Edw. C. Levy Co., dated January 14, 1993.
10. The following documents approved with Construction Permit Number 0373 issued to Edw. C. Levy Co. on July 7, 1999, are incorporated in this license by reference:
 - a. Engineering Plans titled, "Edw. C. Levy Co. Landfill, 1998 Vertical Expansion," Sheets 1-14, prepared by RMT, Inc., dated September 1998.
 - b. Additional Engineering Plans titled, "Edw. C. Levy Co. Landfill 1998 Vertical Expansion, Construction Permit application Addendum 1, Sheet 1-6 dated June 1999, hereinafter "engineering plans."
 - c. Engineering Report titled, Construction Permit Application, 1998 Vertical Expansion of the Edw. C. Levy Co. Landfill, dated September 1998, by RMT, Inc.
 - d. Additional Engineering Report, titled, Addendum No. 1, 1998 Vertical Expansion, Construction Permit Application, dated June 18, 1999, by RMT, Inc., hereinafter Addendum No. 1.
11. The following additional documents, approved since the issuance of the construction permit(s) referenced in Item 8 and 9 are incorporated in this license by reference:
 - a. Monitoring Well Installation/Subsurface Investigation Report, prepared by ATEC Associates, Inc., dated November 11, 1993.
 - b. Piezometer Installation Work Plan, prepared by RMT, Inc., dated October 1993, received by the MDEQ on October 11, 1993.
 - c. Well logs for piezometers, prepared by ATEC, Inc., dated October 11, 1994.
 - d. Hydrogeological Monitoring Plan dated August 30, 1995, and revised July 5, 1996, July 11, 1996, July 30, 1996, September 6, 1996, August 26, 1997, June 4, 1997, June 3, 1998 and July 2005.
 - e. Piezometer Installation Work Plan prepared by Edw. C. Levy Co., dated April 11, 1997.

Licensee: Edw. C. Levy Co.
Facility Name: Edw. C. Levy Co. Landfill
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- f. Engineering Plans titled "Edw. C. Levy Co. Landfill" and "Grid Ticks Showing Volume between Permitted 1993 Grades and Proposed Expansion Grades," prepared by RMT, Inc., dated April 1997, and May 1997, respectively. Approved by the MDEQ on June 4, 1997.
- g. Letter titled "Modification to Construction Permit Condition" prepared by Edw. C. Levy Co., dated April 4, 1997.
- h. Piezometer Installation Report prepared by RMT, Inc., dated August 1997, received by the MDEQ on November 12, 1997.
- i. Piezometer Installation and Abandonment Report prepared by RMT, Inc., dated April 1997, and received by the MDEQ on November 12, 1997.
- j. Performance Evaluation of the Perimeter Collection System (PCS) prepared by RMT, Inc., dated November 1997.
- k. Addendum 1 - Inward Gradient Achievement PCS Evaluation prepared by RMT, Inc., dated December 3, 1997, and revised August 12, 1998, and December 10, 1998.
- l. Construction Certification for Phase A titled "Certification of In-Place Final Cover" prepared by RMT, Inc., dated January 1998, and revised in subsequent submittal dated February 24, 1999. Approved with conditions by MDEQ on May 12, 1999.
- m. Construction Certification titled "Phase B and C Closure Construction Documentation Report" prepared by RMT, Inc., dated January 1998, and revised in subsequent submittal dated February 24, 1999. Approved with conditions by the MDEQ on May 12, 1999.
- n. "New Waste Stream Petition" prepared by Edw. C. Levy Co., dated June 1, 1999, received by the MDEQ on June 7, 1999.
- o. "Quarterly Report for the Second Quarter 1999, Leachate Collection System Evaluation," prepared by RMT, Inc., dated October 11, 1999.
- p. "Quarterly Report for the Third Quarter 1999, Leachate Collection System Evaluation," prepared by RMT, Inc., dated November 15, 1999.
- q. Leachate Extraction Trench T-10 Construction Certification Report, prepared by RMT, Inc., and dated November 1999.
- r. "Quarterly Report for the Fourth Quarter 1999, Leachate Collection System Evaluation," prepared by RMT, Inc., dated February 23, 2000.
- s. "Quarterly Report for the First Quarter 2000, Leachate Collection System Evaluation," prepared by RMT, Inc., dated May 26, 2000.
- t. "Leachate Collection System Evaluation" prepared by RMT, Inc., dated May 31, 2001.
- u. Engineering Plans titled "Edw. C. Levy Co. Landfill, Addendum No. 1 to the Vertical Expansion Construction Permit Application," prepared by RMT, Inc., dated June 2002.
- v. Approval Letter from the MDEQ titled "Request for use of EC-46 as an Alternative Interim and Daily Cover," dated May 5, 2003.
- w. "Leachate Collection System Evaluation - Reporting Period: March 2000 - March 2003," prepared by RMT, Inc., dated May 12, 2003.

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- x. "Facility Operation and Maintenance Plan," prepared by RMT, Inc., dated August 2003, and revised with letter titled "Facility Operation and Maintenance Plan," dated August 29, 2003, and also revised on April 19, 2007, and approved on June 21, 2007.
 - y. Technical Memorandum titled "Penn Landfill Breakdown of Landfill Area," prepared by RMT, Inc., dated August 12, 2003.
 - z. "Piezometer and Monitor Well Replacement Work Plan" prepared by RMT, Inc., dated November 3, 2003.
 - aa. "Leachate Recirculation Plan" prepared by RMT, Inc., dated March 26, 2004.
 - bb. Construction Certification titled "Phase D Closure Documentation Report" prepared by RMT, Inc., dated April 2000, and "Phase D Construction Certification Report Revisions" prepared by RMT, Inc., dated June 4, 2001, and approved on April 27, 2005.
 - cc. Construction Certification titled "Phase E Closure Documentation Report" prepared by RMT, Inc., dated May 2002 and approved on December 2, 2005.
 - dd. Letter titled "Modification to Traffic Route - 2.4, Facility Operation and Maintenance Plan," prepared by RMT, Inc. dated March 29, 2006, and approved on May 18, 2006.
 - ee. Construction Certification titled "Phase F Closure Construction Documentation Report" prepared by RMT, Inc., dated April 2003, revised October 31, 2006, and approved on November 2, 2006.
 - ff. Letter titled "Acceptance of New Waste Stream" prepared by Edw. C. Levy Co., dated October 23, 200, and approved on December 21, 2007.
12. Consent Order/Judgment Number: WHMD Consent Order Number 115-06-03 entered on December 4, 2003 is incorporated into this license by reference.
13. 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 DNRE.
14. 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 DNRE before receiving waste in that portion of the certified liner or leachate collection system. The licensee shall submit the recertification to the DNRE's ERMD, Southeast Michigan District Supervisor, for review and approval.
15. The licensee shall conduct hydrogeological monitoring in accordance with the approved hydrogeological monitoring plan, dated August 30, 1995, and revised July 5, 1996, July 30, 1996, September 6, 1996, August 26, 1997, June 4, 1997, June 3, 1998, and July 2005. The sampling analytical results shall be submitted to the DNRE's ERMD, Southeast Michigan District Office.
16. Modifications to the approved hydrogeological monitoring plan referenced in Item 15 may be approved, in writing, by the ERMD, Southeast Michigan District Supervisor. Proposed revisions must be submitted in a format specified by the DNRE.
17. Leachate may be recirculated if a leachate recirculation plan has been approved, in writing, by the ERMD, Southeast Michigan District Supervisor.
18. 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 ERMD, Southeast Michigan District Supervisor.
19. Requests for alternate daily cover may be approved, in writing, by the ERMD, Southeast Michigan District Supervisor.

Licensee: Edw. C. Levy Co.
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20. Leakage Control Criteria:

This Type III Facility is a monitorable unit and, therefore, does not need to be in compliance with the leakage control criteria of R 299.4422 of the Part 115 Rules.

21. **VARIANCES:** The licensee is granted the following variance(s) from Part 115 and/or the Part 115 Rules: *or None*
The licensee has received approval for a waiver of the daily cover requirements for the Facility in a letter from the MDEQ dated March 5, 1991.

22. **SPECIAL CONDITIONS:**

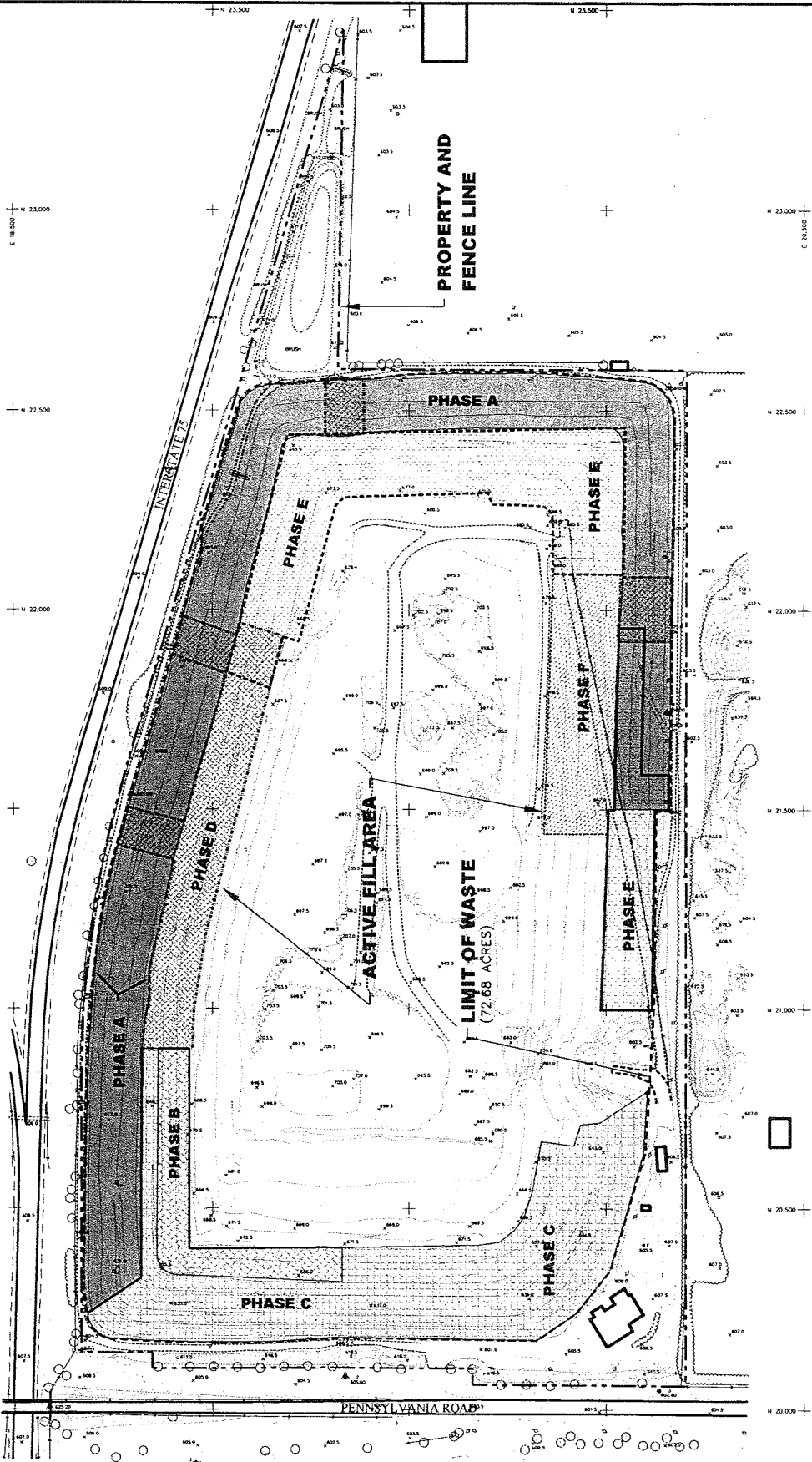
- a. The licensee has constructed a perimeter leachate collection system with partial lateral trenches that extend into the landfill. The licensee has demonstrated that an inward gradient does not exist at the site, but rather an inward flow. The licensee shall continue to evaluate the effectiveness of the perimeter leachate collection system and continue to submit to the DNRE quarterly Leachate Collection System Evaluation reports. The reports shall include all of the information required in the Facility's Construction Permit No. 0282 issued in August 1993. Based on the information presented in the reports, the DNRE shall inform the licensee if further actions are necessary to address leachate levels in the landfill.
- b. The licensee may accept any waste, which is appropriate for disposal at the Facility per the requirements in Part 115, and the Administrative Rules promulgated under Part 115, including the following specific waste streams:
 - i. Lime Plant Fines - Road Sweepings
 - ii. Levy Plant #1 - Road Sweepings
 - iii. US Steel (National Steel)
 - #2 BOP ESP Dust
 - #2 BOP - #1 Baghouse Dust
 - #2 BOP - #2 Baghouse Dust
 - #2 BOP Ladle (Alum) Brick
 - #2 BOP Flux Basement Lime
 - #2 Ladle (Basic) Brick
 - VAC Degas Baghouse Dust
 - VAC Degas Bottom Brick
 - Vacuum Degasser Gas Cooler Dust
 - C.MN. #5 Pickler Baghouse Dust
 - M.P. Road Sweepings
 - iv. Severstal N.A. Inc. (Rouge Steel Company)
 - Blast Furnace Debris Pile
 - Blast Furnace Filter Cake
 - Caster Filter Cake
 - BOF Reladle Baghouse Dust
 - BOF ESP Dust
 - Degasser Sludge
 - Desulf Baghouse Dust
 - Ladle Refining Furnace Dust
 - Ladle Refining Furnace Slag
 - v. Concrete Returns and Concrete Wash Out
 - vi. Inert Material

Licensee: Edw. C. Levy Co.
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- vii. Other materials upon written approval by the DNRE
 - c. The licensee shall annually characterize each waste accepted at the landfill as required by R 299.4302 and R 299.4311.
 - d. The licensee shall fully comply with the terms and conditions of the Facility Operation and Maintenance Plan for the Penn Landfill (landfill), which is hereby incorporated by reference, and made an enforceable part of this license.
 - e. Any accepted dust waste streams shall be agglomerated or sufficiently saturated and mixed with other debris prior to disposal at the landfill to prevent generation of fugitive dust in violation of Part 115.
 - f. A wheel wash system shall be used to clean all vehicles leaving the active area of the landfill unless maintenance is being performed on the wheel wash system or freezing weather conditions cause the wheel wash system to be inoperable or unsafe to Pennsylvania Road traffic. When the wheel wash system is not operating, the licensee shall use a road sweeper as a backup for prevention of track out, as necessary.
 - g. Unvegetated and areas disturbed during construction shall either be vegetated as soon as practicable following interim or final cover construction or have a dust suppressant applied, as necessary.
 - h. A daily operating log shall be kept on-site documenting operation of the on-site sweeper truck, water truck, and wheel wash. In addition, records shall be kept on-site for each day any chemical dust suppressant is applied and for each day, contracted vacuum services are purchased.
23. **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

CITY:NOVI DIV:GROUP:ENV DB: PIC: PM: TM: TR: W:\M2FP1\Data\ENVCAD\Novi\AC\DE000379_Levy_Taylor\MLLevy_Landfill.dwg LAYOUT: FACILITYMAP.SAVED: 8/11/2010 9:33 AM ACADVER: 18.08 (LMS TECH) PAGESETUP: PLOTSTYLETABLE: ARCADIS.NOV1.CTB PLOTTED: 8/11/2010 9:39 AM BY: SMITH, ANTONIO



- LEGEND**
- APPROXIMATE PROPERTY LINE
 - EXISTING BUILDING
 - EXISTING SPOT ELEVATION
 - EXISTING UNPAVED ROAD
 - 640 EXISTING 10' CONTOUR
 - FENCE LINE
 - SURFACE WATER DRAINAGE DITCH AND FLOW DIRECTION
 - AREAS THAT HAVE RECEIVED FINAL COVER
 - GAS EXISTING GAS LINE
 - WATER LINE
 - SAN EXISTING SANITARY SEWER
 - STM EXISTING STORM SEWER
 - TREES AND / OR BRUSH
 - TREES
 - UTILITY POLE
 - CULVERT

- KEY (FOR CLOSED AREAS)**
- PHASE A
 - PHASE B
 - PHASE C
 - PHASE D
 - PHASE E
 - PHASE F
 - LIMIT OF WASTE

PROPERTY - 84.62 ACRES
 ACTIVE FILL AREA - 36.82 ACRES
 UNCLOSED AREA AT FINAL GRADE (PHASES E - F) - 11.01 ACRES
 CLOSED EXISTING UNITS (PHASES A - D) - 24.85 ACRES
 ISOLATION AREAS (AREAS OUTSIDE LIMITS OF WASTE) - 11.94 ACRES

- NOTES**
1. BASE MAP DEVELOPED FROM AERIAL PHOTO PREPARED BY AEROCOM PHOTOGAMMETRIC SERVICES, INC., SUNFIELD, MICHIGAN. APS PROJECT NO: 9032, DRAWING DATED AUGUST 25, 2009.
 2. ALL ELEVATIONS SHOWN ARE BASED UPON THE U.S.G.S. VERTICAL DATUM OF 1929. ALL MEASUREMENTS ARE IN FEET AND DECIMAL PARTS THEREOF.
 3. GRID SHOWN IS SITE SPECIFIC AS ESTABLISHED BY ABRAMS AERIAL SURVEY CORPORATION, LANSING, MICHIGAN.
 4. CONTOURS SHOWN REPRESENT DESIGN TOP OF FINAL COVER GRADES. CONTOUR INTERVAL IS 2 FEET.
 5. PROPERTY LINE IS PROVIDED BY EDW. C. LEVY CO. AND IS APPROXIMATE.

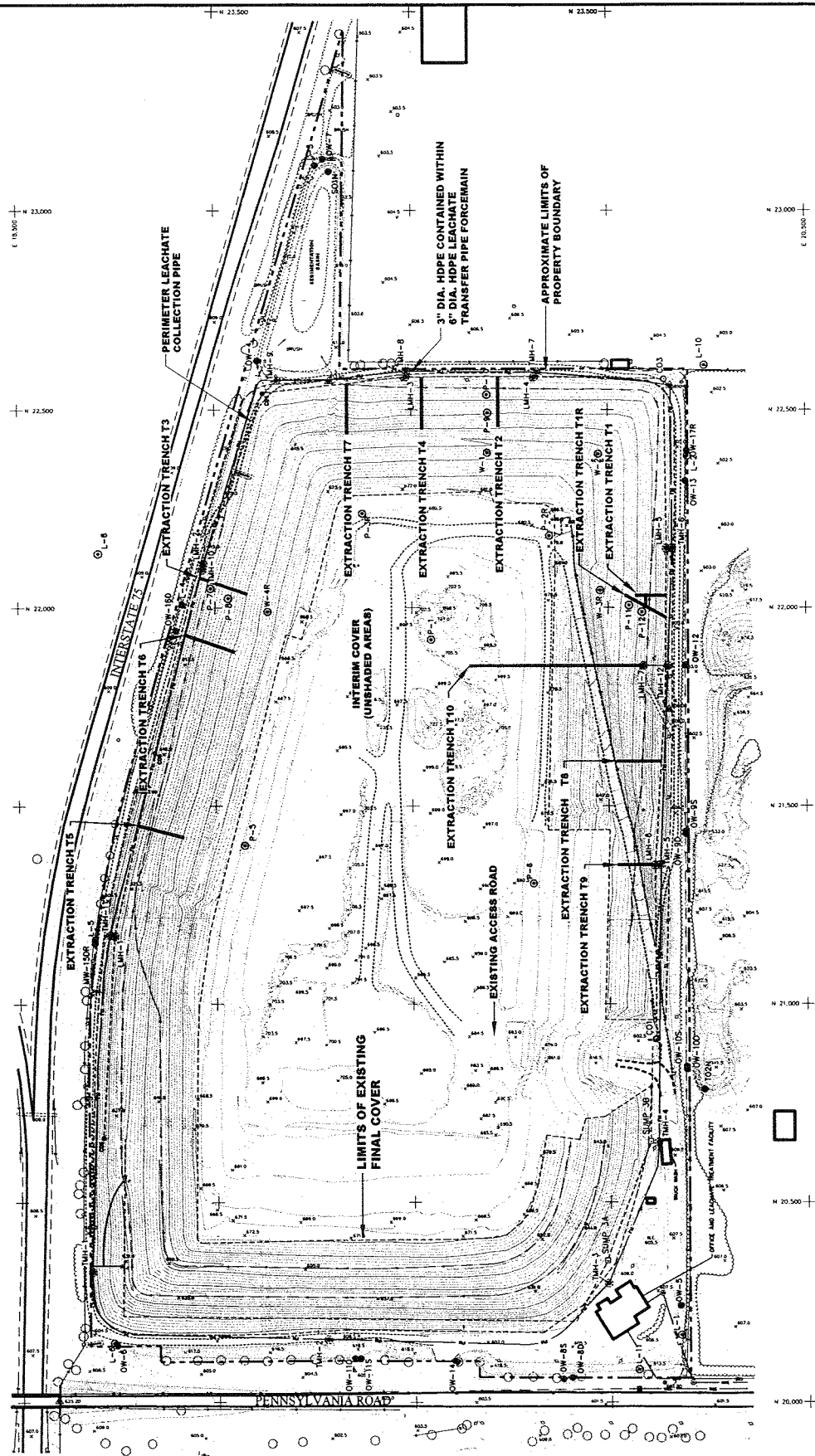


EDW C. LEVY CO. LANDFILL • TAYLOR, MICHIGAN

FACILITY MAP

ARCADIS Project No.
DE000379.0002.00001
Date
(08.10.2010)
ARCADIS
28550 CABOT DRIVE
SUITE 500
NOVI, MICHIGAN
TEL. 248.994.2240

Attachment
A



- LEGEND**
- APPROXIMATE PROPERTY LINE
 - ▭ EXISTING BUILDING
 - EXISTING SPOT ELEVATION
 - EXISTING UNPAVED ROAD
 - 640 --- EXISTING 10' CONTOUR
 - FENCE LINE
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 - ▭ AREAS THAT HAVE RECEIVED FINAL COVER
 - GAS --- EXISTING GAS LINE
 - WATER LINE
 - SAN --- EXISTING SANITARY SEWER
 - STM --- EXISTING STORM SEWER
 - TREES AND / OR BRUSH
 - TREES
 - UTILITY POLE
 - CULVERT
 - LEACHATE COLLECTION / LEACHATE TRANSFER MANHOLE LOCATION AND NUMBER
 - LEACHATE COLLECTION PIPE
 - SB LEACHATE COLLECTION SUMP LOCATION AND NUMBER
 - CO-1 CLEANOUT LOCATION AND NUMBER
 - P-1 PIEZOMETER LOCATION AND NUMBER
 - OW-4 MONITORING WELL LOCATION AND NUMBER

- NOTES**
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- ENVIRONMENTAL MONITORING PLAN**
- SPZ UNIT SAMPLING LOCATIONS**
- UPGRADIENT WELLS**
- OW4, OW7, OW15D, OW16D
- DOWNGRADIENT WELLS**
- OW5, OW6, OW9D, OW10D, OW11D, OW12D, OW14, OW17
- SURFACE WATER SAMPLING LOCATIONS**
- SD1N - N. END OF SEDIMENTATION BASIN, BEFORE DISCHARGE
 - TO2N - 35 FT. N. OF SEDIMENTATION BASIN DISCHARGE POINT, E. SIDE OF CLARK DRAIN
- PIEZOMETERS FOR MEASUREMENT OF STATIC WATER LEVELS ONLY**



EDW C. LEVY CO. LANDFILL • TAYLOR, MICHIGAN

EXISTING CONDITIONS AND MONITORING PLAN

ARCADIS Project No. DE000379.0002.00001

Date (08.10.2010)

ARCADIS
28550 CABOT DRIVE
SUITE 500
NOVI, MICHIGAN
TEL. 248.994.2240

Attachment

B

