



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MATERIALS MANAGEMENT DIVISION

**SOLID WASTE DISPOSAL AREA 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: Granger Grand River Avenue Landfill

LICENSEE/OPERATOR: Granger Waste Services, Inc.

FACILITY OWNER: Granger Land Development Company

PROPERTY OWNER: Granger Grand River LF, LLC.

FACILITY TYPE(S): Municipal Solid Waste Landfill

FACILITY ID NUMBER: 397449

COUNTY: Clinton

LICENSE NUMBER: 9798

ISSUE DATE: March 24, 2026

EXPIRATION DATE: March 24, 2031

FACILITY DESCRIPTION: The Granger Grand River Avenue Landfill, a municipal solid waste landfill, consists of 181 acres located in Section 29, T5N, R3W, Watertown Township, Clinton County, Michigan, as identified in Attachment A and fully described in this license.

AREA AUTHORIZED FOR DISPOSAL OF SOLID WASTE: See Attachment A, and items 2 and 3 of this license.

RESPONSIBLE PARTY: Timothy Krause, P.E.  
Granger Waste Services, Inc.  
16980 Wood Road  
Lansing, Michigan 48906  
517-372-2800

**RENEWAL OPERATING LICENSE:** This License Number 9798 supersedes and replaces Solid Waste Disposal Area Operating License Number 9634 issued to Granger Waste Services, Inc. on January 14, 2021.

This license is subject to revocation by the Director of the Michigan Department of Environment, Great Lakes, and Energy, 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.**

Rhonda S. Oyer, Manager, Solid Waste Section  
Materials Management Division

Licensee: Granger Waste Services, Inc.  
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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:
  - a. **ACTIVE PORTIONS NOT AT FINAL GRADE:** The area(s) identified as Cells 1-86, 2-87, 3-88, 4-89, 5-90, 6-94, 7-02, and 8-10 were authorized to receive waste by the previous license. This area's total acreage is 57.3 acres.
  - b. **CONSTRUCTED AREAS CERTIFIED WITH THIS APPLICATION:** The area(s) identified as Cell 9-25 were not authorized to receive solid waste by the previous license but are authorized to receive waste by this license. This area's total acreage is 6.8 acres.
3. The following portions of the Facility **WILL BE** authorized to receive solid waste by this license following approval by EGLE 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 Cells east of Cells 8-10 and 9-25 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 11.1 acres.
  - b. **CLOSED UNIT(S) OR A PORTION OF A UNIT WHERE THE FINAL COVER HAS BEEN CERTIFIED CLOSED AND ACCEPTED BY EGLE:** The following unit(s) and/or portion(s) are closed:
    - i. **EXISTING UNIT(S):** The unit(s) or portion(s) of unit(s) identified as the west slope of the 16-acre area and portions of Cells 1-86 and 2-87 had final closure certified on January 28, 2009, November 5, 2012, and July 8, 2019. This certification was reviewed and approved by EGLE on April 21, 2009, November 30, 2012, and September 5, 2019. This area's total acreage is 3.2 acres, 4.9 acres, and 2.4 acres respectively for a total of 10.5 acres.
    - ii. **OTHER DISPOSAL AREAS:** A separate, closed 60-acre area (Part 111)
  - c. **ISOLATION AND ANCILLARY AREAS:** 35.3-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 EGLE on January 7, 2026, 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 EGLE's MMD Lansing District Supervisor of any inaccuracies in the information in the Application upon discovery.

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7. This license is issued based on EGLE's review of the Application, submitted by Granger Waste Services, Inc., for the Granger Grand River Avenue Landfill, dated January 6, 2026. The Application consists of the following:

- a. Application Form EQP 5507.
- b. Application fee in the amount of \$4,000.00.
- c. Certification of construction by Kimberly Smelker, PE, dated February 9, 2026,
- d. Waste Characterization: N/A.
- e. Restrictive Covenant:

The declaration of restrictive covenant on 112.53 acres is on file at the Clinton County Register of Deeds recorded on July 25, 1995, as Liber 667 pages 411-413. A copy is on file with EGLE.

f. Landfill Care Fund Agreements (LCFs), established as a standby escrow account, signed by Todd Granger, Secretary, Granger Landfill Development, Inc., on January 6, 2026, was executed by EGLE on January 27, 2026, and an escrow account signed by Todd Granger, Secretary, Granger Landfill Development, Inc., on July 31, 2025, was executed by EGLE on August 5, 2025.

g. Financial Assurance.

i. Financial Assurance Required:

The amount of financial assurance required for this Facility was calculated based on the calculation worksheet form EQP5507 entitled, "Form A, Financial Assurance Required," and is \$14,597,099.40.

The Facility has provided financial assurance totaling \$14,810,475.63, 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, a Landfill Care Fund established under Section 11525d, 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, iii, iv and v, respectively.

ii. Financial Assurance Provided Via Bond:

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

Escrow Account	\$40,401.36
Total Amount Received:	\$40,401.36

iii. Financial Assurance Provided Via a Landfill Care Fund:

The Landfill Care Fund escrow account statement showed a balance of \$4,252,104.69 as of January 5, 2026. The Landfill Care fund also includes a \$300,000.00 Irrevocable Letter of Credit.

iv. Financial Assurance Provided Via a Perpetual Care Fund: N/A.

v. Financial Assurance Provided Via a Financial Test for a Type II Landfill:

A financial test may be used by the owner of a landfill as a means to meet an amount up to, but not exceeding, 95 percent of the closure, postclosure, and corrective action cost

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estimate pursuant to Section 11523a of Part 115. This Facility has provided a financial test in the amount of \$10,217,969.58. Financial capability demonstrated by a financial test must be updated each fiscal year. The next update is due March 31, 2026 and each year thereafter. If the owner/operator fails to update the test, or is no longer able to satisfy the test, the owner/operator must obtain alternate financial assurance within 210 days following the close of the owner/operator's fiscal year.

vi. Financial Assurance Updates Required:

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 one year from the date of this license, and each year thereafter.

vii. Other Required Financial Assurance: N/A.

8. The following documents approved with Construction Permit Number(s) 0059 issued to Granger Land Development Company on November 6, 1981, are incorporated in this license by reference:
  - a. "Hydrogeologic Investigation of the Grand River Landfill in Watertown Township, Clinton County," by A. G. Ostrander, dated 1977.
  - b. "Hydrogeologic Investigation, Granger Landfill Expansion, Section 29, T5N, R3W, Watertown Township, Clinton County, Michigan," by Keck Consulting Services, Inc., dated 1981.
  - c. "Hydrogeologic Investigation, Modification of Existing Facility, Granger Landfill, Section 29, T5N, R3W, Watertown Township, Clinton County, Michigan," by Keck Consulting Services, Inc., dated 1981.
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:
  - a. "Granger Grand River Landfill Hydrogeological Monitoring Plan," prepared by Granger Land Development Company, dated October 6, 1999, and revised November 9, 1999.
  - b. Leachate Recirculation Plan dated September 1999.
10. Consent Order/Judgment Number/Legally Enforceable Agreement: 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 EGLE.
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 EGLE before receiving waste in that portion of the certified liner or leachate collection system. The licensee shall submit the recertification to EGLE's MMD Lansing District Supervisor, for review and approval.
13. The licensee shall conduct hydrogeological monitoring in accordance with the approved hydrogeological monitoring plan, dated October 6, 1999, and revised November 9, 1999. The sampling analytical results shall be submitted to EGLE's MMD Lansing District Office.
14. Modifications to the approved hydrogeological monitoring plan referenced in Item 13 may be approved, in writing, by EGLE's MMD Lansing Supervisor. Proposed revisions must be submitted in a format specified by EGLE.
15. Leachate may be recirculated if a leachate recirculation plan has been approved, in writing, by EGLE's MMD Lansing District Supervisor.

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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 EGLE's MMD Lansing District Supervisor.
17. Requests for alternate daily cover may be approved, in writing, by EGLE's MMD Lansing District Supervisor.
18. Leakage Control Criteria:
  - a. The active portions (except Cell 7 and beyond) 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.
  - b. The active portions (Cell 7 and beyond) of the unit(s) authorized to receive waste by this license is a monitorable unit(s) designed with a double-liner system that is in compliance with the provisions of R 299.4422(3) of the Part 115 Rules and that is capable of detecting and collecting leakage through the primary composite liner. The action flow rate for each unit containing a secondary collection system is 25 gallons/acre/day.
19. **VARIANCES:** The licensee is granted the following variance(s) from Part 115 and/or the Part 115 Rules: 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 MMD, 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:

Product/Waste Material

      - (1) Sanicover 250 or equivalent geotextile cover;
      - (2) Tire chips;
      - (3) Composted yard waste;
      - (4) Sure Cover Corporation's Land Cover Formula 480;
      - (5) Inert concrete and brick rubble;
      - (6) Bottom ash, which must be stockpiled in the active landfill cell and must be covered with clean soil, a geotextile, or an approved dust control product, prior to use as an alternate daily cover;
      - (7) Sure Cover Corporation's Clay Emulsion Coating;
      - (8) Landfill Service Corporation's Posi-Shell Cover System;
      - (9) Alum Sludge, from municipally owned water treatment facilities;
      - (10) Ground shingles and other roofing materials, which do not contain friable asbestos;
      - (11) Chipped wood;
      - (12) Incidental waste wood from construction and demolition sites;
      - (13) ConCover product SB;
      - (14) Hydro Green Hydro Seeding Mulch;
      - (15) Filter cake from the wastewater treatment facility at the GMC, Lansing Center; and
      - (16) Process sand from Shultz, Inc.
    - 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.

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- (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 EGLE 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 Appendix 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.
  - (7) This approval to use alternative cover shall expire upon expiration of this operating license.
- b. Additional authorizations and/or reporting obligations may be required by Part 115. If material recovery, composting, waste diversion, electronics recycling, scrap tire collection, or solid waste processing/transfer activities are also being conducted at this Facility, please contact your MMD District Office to evaluate the need for additional authorizations and/or reporting.
- c. The licensee shall dispose of large and bulky items in compliance with the plan, dated November 27, 1990.
- d. The licensee shall store white goods and other recyclable metals, which are not source separated in accordance with the plan dated November 26, 1990, and letters dated November 27, 1990, and November 28, 1990, and in accordance with R 299.4315(11). The licensee may only store such material for up to one year.
- e. Based upon information supplied by the licensee to date, the area originally defined in Construction Permit 0059, has been determined to be composed of two separate and discreet areas with regulation under their respective part of Part 115, Solid Waste Management, and Part 111, Hazardous Waste Management of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), and relevant administrative rules. Therefore, financial assurance, hydrogeological monitoring plans, and licensing, are separate for each of the areas, with the only exception that some monitoring wells are identified in both hydrogeological monitoring plans due to the fact that there is contiguous waste in a portion of both areas. Thus, some discretion by EGLE is inherent as to which Part of the NREPA and rules pertinent to that Part (Part 111 vs. Part 115) apply to a release condition, to the extent of the area encompassed by the common monitoring wells. Otherwise, mention of the closed Part 111 area in this license is for reference purposes only.
- f. Electrical Generation:
- i. A registered professional engineer has certified that the electrical generation plant was constructed in accordance with all applicable building codes.
  - ii. The licensee shall operate and maintain the electrical generation plant in accordance with Part 115 of the NREPA and its administrative rules.

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- iii. The electrical generation plant is located within the area described in the Declaration of Restrictive Covenant, signed by the licensee on February 14, 1989, and recorded by the Register of Deeds of Clinton County on January 9, 1990. The operation of the electrical generation plant is in compliance with this restrictive covenant.
  - iv. The licensee shall operate the electrical generation plant, shown in as-built drawings, transmitted to EGLE (now EGLE) on February 20, 1991, and February 25, 1991, in a manner consistent with the operations outlined in the licensee's August 1, 1991, letter to EGLE.
  - v. The licensee shall operate the electrical generation plant so that noise is controlled, in compliance with R 299.4305(15) of Part 115.
  - vi. The licensee shall discharge all gas condensate from the generator station to the sanitary sewer system through the leachate collection system. This discharge shall comply with applicable discharge regulations. Leachate from the leachate wet well shall not be reintroduced to the landfill area without EGLE's approval.
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

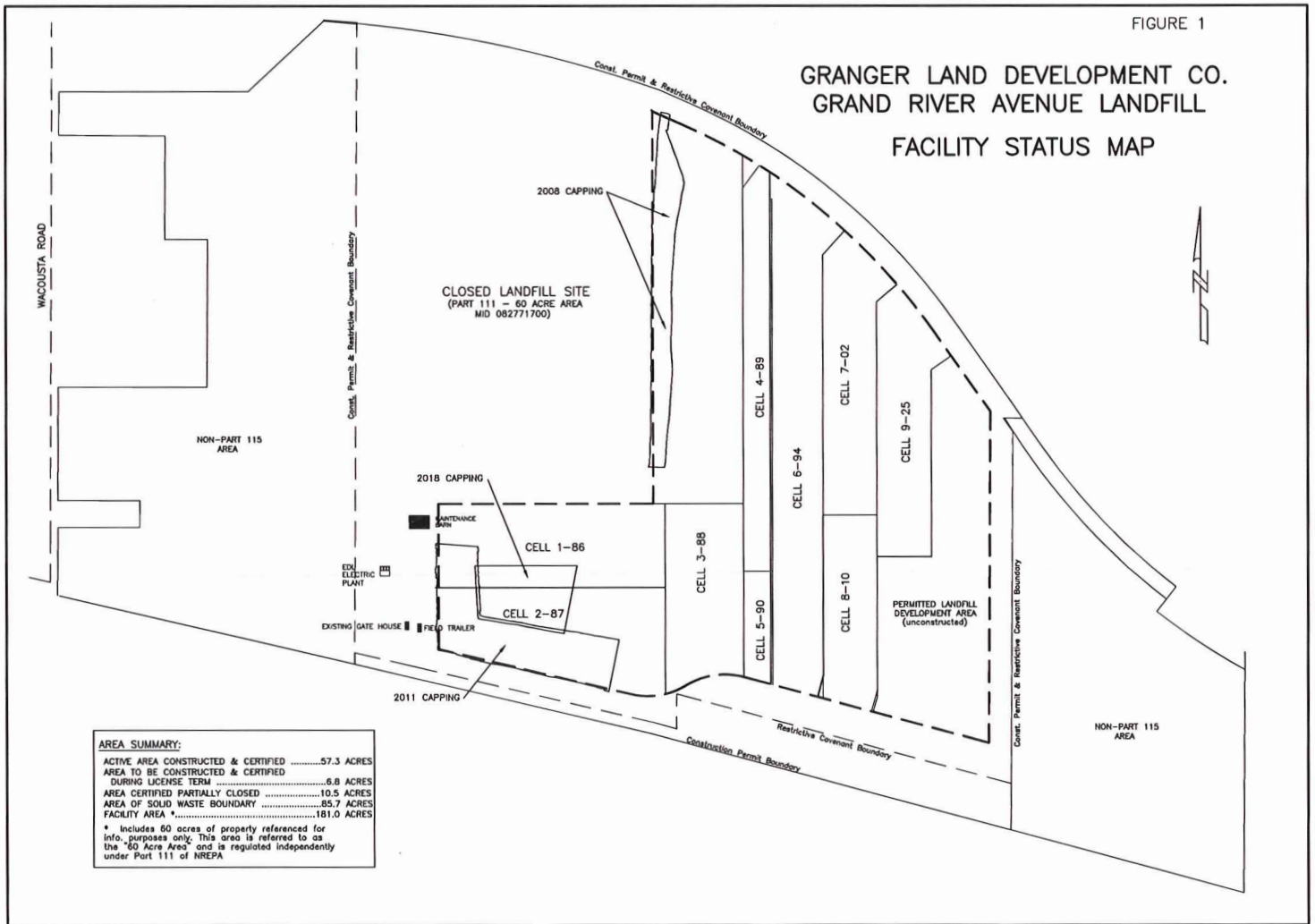
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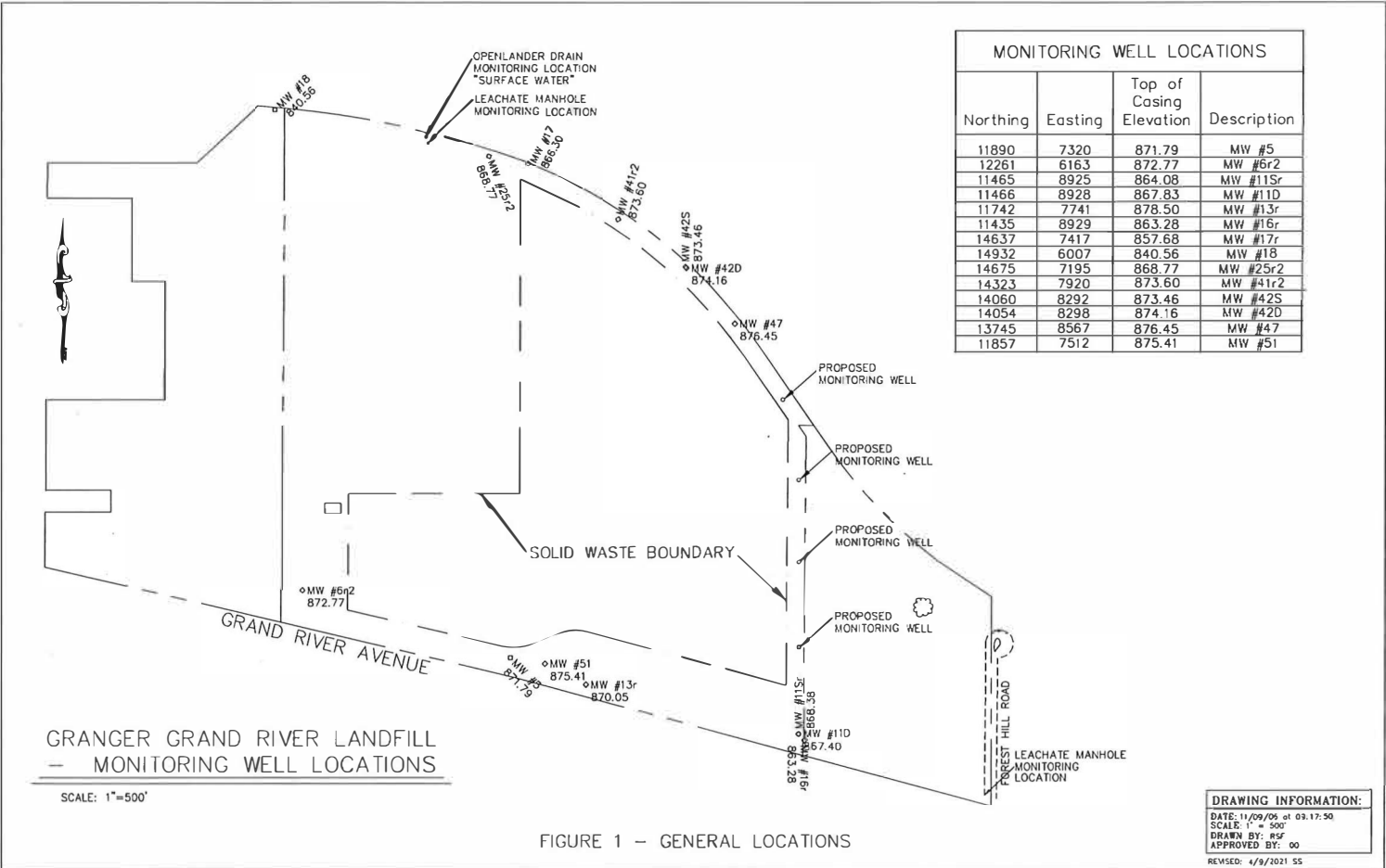
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This form and its contents are subject to the Freedom of Information Act and may be released to the public.

# Attachment A





MONITORING WELL LOCATIONS			
Northing	Easting	Top of Casing Elevation	Description
11890	7320	871.79	MW #5
12261	6163	872.77	MW #6r2
11465	8925	864.08	MW #11Sr
11466	8928	867.83	MW #11D
11742	7741	878.50	MW #13r
11435	8929	863.28	MW #16r
14637	7417	857.68	MW #17r
14932	6007	840.56	MW #18
14675	7195	868.77	MW #25r2
14323	7920	873.60	MW #41r2
14060	8292	873.46	MW #42S
14054	8298	874.16	MW #42D
13745	8567	876.45	MW #47
11857	7512	875.41	MW #51

GRANGER GRAND RIVER LANDFILL  
 - MONITORING WELL LOCATIONS

SCALE: 1"=500'

FIGURE 1 - GENERAL LOCATIONS

**DRAWING INFORMATION:**  
 DATE: 11/09/05 at 09:17:50  
 SCALE: 1" = 500'  
 DRAWN BY: RSF  
 APPROVED BY: 00  
 REVISED: 4/9/2021 SS