



Maryland
Department of
the Environment

Larry Hogan, Governor
Boyd K. Rutherford, Lt. Governor
Ben Grumbles, Secretary
Horacio Tablada, Deputy Secretary

March 25, 2021

Mr. Daniel Donovan, Information Officer
Recovermat Mid-Atlantic, LLC
2202 Halethorpe Farms Road
Halethorpe, Maryland 21227

Dear Mr. Donovan:

Enclosed herewith is the State of Maryland Refuse Disposal Permit No. 2021-WPF-0341, which is being renewed in accordance with your renewal application of December 29, 2020. This permit authorizes the continued operation of the Recovermat Mid-Atlantic Processing Facility located at 2202 Halethorpe Farms Road in Halethorpe, Baltimore County. This permit supersedes and replaces Refuse Disposal Permit No. 2015-WPF-0341.

Please note that this permit is subject to the enclosed terms and conditions. This permit may be appealed by filing a written request for a hearing within thirty (30) days of receipt of the service. The request should be addressed to Ms. Kaley Laleker, Director, Land and Materials Administration, at the Department address. You will subsequently be contacted regarding a hearing date. All permit hearings will be conducted in accordance with the Administrative Procedure Act. If no appeal is received within the specified time period, this constitutes acceptance of the terms and conditions of this permit.

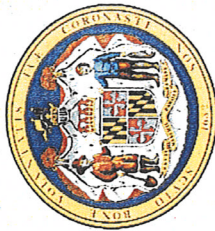
If you have any questions regarding this matter, please contact Andy Moghadam, Project Manager, at (410) 537-3315 or andy.moghadam@maryland.gov.

Edward M. Dexter, Administrator
Solid Waste Program

Enclosure

cc: Kaley Laleker, Director, Land and Materials Administration (LMA)
Brian Coblentz, Chief, Compliance Division, LMA (w/encl.)
Andy Moghadam, Project Manager, Solid Waste Operations Division, LMA

MARYLAND DEPARTMENT OF THE ENVIRONMENT



Larry Hogan
Governor



Ben Grumbles
Secretary

Land and Materials Administration
Solid Waste Program
1800 Washington Boulevard, Suite 605, Baltimore, Maryland 21230-1719

Refuse Disposal Permit No. 2021-WPF-0341

ISSUE DATE: March 25, 2021

EXPIRATION DATE: March 24, 2026

Issued to: Recovermat Mid-Atlantic, LLC

Authorizing: the continued operation of the Recovermat Mid-Atlantic Processing Facility

Located at: 2202 Halethorpe Farms Road, Halethorpe, Baltimore County, Maryland 21227.

This permit is renewed pursuant to the provisions of Title 9 of the Environment Article, Annotated Code of Maryland, and regulations promulgated thereunder, and is subject to the attached terms and conditions, and compliance with all applicable laws and regulations.

Edward M. Dexter, Administrator
Solid Waste Program

Kaley Laleker, Director
Land and Materials Administration

REFUSE DISPOSAL PERMIT

No.: 2021-WPF-0341

Issue Date: March 25, 2021

Expiration Date: March 24, 2026

This Refuse Disposal Permit is renewed pursuant to the provisions of Title 9 of the Environment Article, Annotated Code of Maryland, by the Maryland Department of the Environment, Land Management Administration (the "Department"), to:

**Recovermat Mid-Atlantic, LLC (the "permittee")
2202 Halethorpe Farms Road
Halethorpe MD 21227**

for the continued operation of the

Recovermat Mid-Atlantic Processing Facility

encompassing a

9.0-acre site

located at

**2202 Halethorpe Farms Road
Halethorpe, Baltimore County, Maryland 21227.**

This permit is granted in accordance with the referenced documents in Part I, and subject to the terms and conditions specified in Parts II, III, and IV of this permit as follows:

- Part I:** Referenced Documents - permit application, plans and specifications and other pertinent documents submitted to the Department.
- Part II:** Facility Specific Conditions - conditions that amend all other permit conditions applicable to this facility should any discrepancies or conflicts exist.
- Part III:** General Conditions - conditions which are generally applicable to solid waste acceptance facilities similar to this facility.
- Part IV:** Standard Conditions - conditions which are generally applicable to all solid waste acceptance facilities.

Part I: Referenced Documents:

1. A Refuse Disposal Permit Renewal Application submitted by Recovermat Mid-Atlantic, LLC, dated December 9, 2020 and received on January 7, 2021.
2. A Refuse Disposal Permit Renewal Application submitted by Recovermat Mid-Atlantic, LLC, dated October 26, 2015 and received on October 28, 2015.
3. A Refuse Disposal Permit Renewal Application submitted by Recovermat Mid-Atlantic, LLC, dated August 16, 2010 and received on August 17, 2010.
4. A letter and a revised operating manual entitled "Operational Manual for Scrap Metal Processing, Recovermat™ Mid-Atlantic, L.L.C., Baltimore, Maryland", prepared by Environmental Resources Management, Inc. (ERM), dated July 2008 and received on July 8, 2008.
5. A Refuse Disposal Permit Renewal Application submitted by Recovermat Mid-Atlantic, LLC, dated June 3, 2005 and received on June 7, 2005.
6. A letter and a plan for a concrete pad showing the concrete core samples location submitted by EBA Engineering, Inc., dated October 27, 2000 and received on November 3, 2000.
7. A revised manual entitled "Recovermat™ Operations Manual, Recovermat Mid-Atlantic, L.L.C., Baltimore, Maryland", prepared by ERM, dated October 6, 2000 and received on October 10, 2000.
8. An updated operating manual entitled "Recovermat™ Operations Manual, Recovermat Mid-Atlantic, L.L.C., Baltimore, Maryland", prepared by ERM, dated July 2000 and received on September 21, 2000.
9. A Refuse Disposal Permit Renewal Application submitted by Recovermat Mid-Atlantic, LLC, dated June 6, 2000 and received on June 8, 2000.
10. A report entitled "Petition to Reclassify Recovermat™ as a Commercial Product", prepared by ERM, dated July 1999 and received on July 8, 1999.
11. A Refuse Disposal Permit Application submitted by Recovermat Mid-Atlantic, LLC for a change in the company's operating status, and transfer of Refuse Disposal Permit from Percontee, LLC, dated May 10, 1995 and received on May 19, 1995.
12. A letter from Percontee, Inc. requesting to modify the Refuse Disposal Permit Application to reflect a change in waste accepted, dated July 8, 1994 and received on July 12, 1994.
13. Eight sets of the Refuse Disposal Permit Application submitted by Percontee, Inc., dated and received on June 17, 1994.
14. Site Grading and Stormwater Management Plans prepared by Chisholm-Weber Associates, and approved by Baltimore County Department of Environmental Protection and Resource Management, dated September 1993 and received on March 31, 1994.

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15. Sediment and Erosion Control Plans prepared by Chisholm-Weber Associates, and approved by the Baltimore County Soil Conservation Service, dated September 1993 and received on February 8, 1994.
 16. Phase I Environmental Site Assessment, Iron City Sash and Door Property, prepared by ECO Dynamics, Inc., dated December 22, 1993.
 17. Official Zoning Map, Baltimore County Office of Planning and Zoning, BM Nos. 183-92, dated October 15, 1992.
 18. A Boundary Plat prepared by Kidde Consultants, Inc., as approved by the Baltimore County Office of Planning and Zoning, dated February 1, 1991 and received on February 4, 1992.

Part II: Facility Specific Conditions:

The purpose of this facility is to accept, sort, process, and recycle select waste materials as authorized in this permit in order to produce a select, processed waste known as Recovermat™. However, the permittee is currently operating the facility only for the processing of scrap metal while maintaining the Refuse Disposal Permit. The permittee is required to notify the Department thirty (30) days prior to accepting and processing solid waste at which point the Department will inspect the facility for conformance with the conditions of this permit and the approved plans. The permittee may accept and process solid waste as follows:

A. Acceptable Waste:

1. The permittee may only accept and process solid waste as specified in this facility's Refuse Disposal Permit Application and its supporting documents identified in Part I of this permit. The acceptable solid waste includes the following classes of waste with the exceptions noted:
 - a. construction debris is limited to structural building materials:
 - i. acceptable construction debris shall include cement, concrete, bricks (excluding refractory type), lumber, plaster and plasterboard, insulation, shingles, floor, wall and ceiling tile, pipes, glass, wires, carpet, wallpaper, roofing, felt, or other structural fabrics. Paper or cardboard packaging, spacing, or building materials, provided that they do not exceed 10% by volume of any given load of waste, may be accepted at this facility. Paint containers, caulk containers, or glaze containers are acceptable provided that they are empty, and any residual material is dried before acceptance at this facility, and further provided that this waste category does not exceed 1% by volume of the waste accepted.
 - ii. unacceptable construction debris shall include commercial, domestic, or industrial wastes or byproducts, paint, tar or tar containers, caulking compounds, glazing compounds, paint thinner or other solvents or their containers, creosote or other preservatives or their containers, tile adhesives, paneling adhesives, carpet adhesives, or other adhesives, and other solid waste which may contain an unacceptable waste or substance as may be determined by the Department to be unacceptable.
 - b. demolition debris may include waste associated with the razing of buildings, roads, bridges and other structures:
 - i. acceptable demolition debris shall include structural steel, concrete, bricks (excluding refractory type), lumber, plaster and plasterboard, insulation material, cement, shingles and roofing material, floor and wall tiles, asphalt, pipes, wires, and other materials physically attached to the structure, including appliances if they have been or

will be compacted to their smallest practical volume.

- ii. unacceptable demolition debris shall include, but is not limited to, industrial waste or byproducts, any waste materials contained within the structure or on the grounds of the structure being demolished that are not physically part of the structure, or which are comprised of or contain materials that pose an undue risk to public health or the environment.
 - c. land clearing debris including wastes derived from the clearing of silvicultural or agricultural land:
 - i. acceptable land clearing wastes include earthen material such as clays, sands, gravels, silts, topsoil, tree stumps, root mats, brush and limbs, logs, vegetation, and rock.
 - ii. unacceptable land clearing wastes include, but are not limited to, the following materials in greater than *de minimus* quantities: animal manure, pesticides, herbicides, animal bedding, agricultural produce, animal feed, putrescible waste, and fertilizers.
 - d. household appliances and white goods may be accepted at the facility, provided that any refrigerant is removed from the appliances and handled in accordance with Section 608 of the Federal Clean Air Act. And further, provided that they are accepted only for shredding and the recovery of scrap metal in a separate process. The residues from this process shall be removed for proper disposal and shall not be incorporated into the Recovermat™ product.
2. The following waste materials are specifically prohibited from being accepted at this site, regardless of their origin or type:
- a. putrescible wastes;
 - b. incineration ash;
 - c. processed debris as defined in COMAR 26.04.07.02B(22); and
 - d. friable asbestos wastes.

The permittee shall inspect all waste received at the facility to insure that no unacceptable waste as defined in Facility Specific Condition A is accepted at the facility. The permittee shall provide sufficient training to all facility employees so as to be able to identify all wastes specifically prohibited by this permit. Upon discovery of any unacceptable waste, the permittee shall immediately notify the Department at (410) 537-3315 and provide a written report to the Solid Waste Program within five working days. This report shall specify the type of material, quantity, source or origin, and final disposition.

B. Hours of Construction and Operation:

1. The permittee may operate this facility between the hours of 7:00 a.m. and 6:00 p.m., Monday through Saturday, for the acceptance of solid waste, removal to market of Recovermat™ and recyclable materials, and for facility maintenance. Production of Recovermat™ shall be restricted to the hours between 9:00 p.m. and 7:00 a.m., Monday through Saturday. These specified hours may be changed upon written approval by the Department. For approval, a letter from the permittee requesting the change of hours, and a letter from the appropriate local government office stating that the change is consistent with local zoning and land use requirements must be submitted.
2. A statement of the days and hours of operation shall be posted at the entrance to the facility.
3. Emergency conditions or unusual circumstances which require the performance of the activities which are authorized under B.1, after hours, shall be reported to the Department at (410) 537-3315 during normal business hours, or via the Department's Emergency Network at (866) 633-4686 at other times.
4. The Department may authorize an extension of the facility's hours of operation in emergency conditions. This approval does not authorize any infringement of federal, State or local laws or regulations, such as local zoning and land use requirements.

C. Capacity:

1. The maximum amount of solid waste accepted at this facility shall not exceed 1,000 tons per day. Under no circumstances shall more than 4,000 tons of combined solid waste and feedstock be allowed to accumulate on the tipping pad. Solid waste not actually being processed and stockpiles of feedstock for the production of Recovermat™ shall be stored in the designated areas of the facility as described in the approved plans. Excess accumulated materials shall be removed from the site for disposal at a permitted solid waste disposal facility.
2. The Department reserves the right to restrict the volume of solid waste accepted at this facility upon a determination that nuisance conditions, harborage of disease vectors, fugitive dust, blowing litter, odors, or other conditions which are prejudicial to quality of the environment or the public health, safety or comfort have occurred or are likely to occur as a result of this practice.

D. Prevention of Explosions:

The permittee shall take necessary measures to prevent explosion. Such measures include, but are not limited to, closely monitoring the feedstock for prohibited materials. Any suspicious materials shall be segregated from the in-feed for further analysis. Water

cannons and fire hydrants shall be available for emergency situations.

E. Bond:

As a condition for obtaining and maintaining this permit, the permittee shall maintain evidence of a surety bond or equivalent security payable to Baltimore County in the amount of \$200,000.00. The amount of the surety bond may be reviewed and approved by the Department whenever the permit is renewed.

F. Storage, Quality Control and Testing Requirements for Recovermat™ Production:

1. No more than four lots of Recovermat™ shall be maintained at the processing facility at any given time. Each lot shall not exceed 1000 tons. No lot of Recovermat™ shall be stored at the facility for more than 90 days after its production. All product parameters shall be maintained during storage, or be reestablished prior to shipment of product off-site. Each shipment of Recovermat™ product to end users in Maryland must be accompanied by a copy of most recent analysis conducted in accordance with the Operations Manual, dated October 6, 2000, for the facility. All residual solid wastes and recyclable materials resulting from the processing operation shall be stored in closed and covered containers until transported off-site for disposal. Scrap metal, which is unlikely to cause nuisance conditions, is exempt from this requirement.
2. Containers for each type of recovered material must be filled one at a time with timely removal of full containers from the site.
3. The uniformity and quality of the Recovermat™ product shall be ensured via established controls over the importation of the construction/demolition debris, feedstock inspection and stockpiling, material processing and screening, and product stockpiling, as provided in the facility's Operations Manual, dated October 6, 2000.
 - a. the minimum moisture content (total weight) of the Recovermat™ product, as delivered for use at Maryland landfills, shall be 20%.
 - b. the minimum content (dry weight) of inert material in the Recovermat™ product, as delivered for use at Maryland landfills, shall be 65%.
4. The uniformity and quality of the Recovermat™ product shall be verified via routine representative sampling and analyses as provided in the facility's Operations Manual, dated October 6, 2000.
5. The permittee may apply to the Department for approval to conduct *limited and controlled* test projects to further define the operational characteristics of the Recovermat™ product with different formulations, but not less than 65% inert content (dry weight) for any landfill cover application. Test projects shall be at least one year in duration so as to take into account the effect of different climatic conditions, unless terminated earlier by the Department. Any test project is

immediately terminated upon suspension or revocation of this permit.

G. Pollution Monitoring and Control Requirements:

The installation of additional pollution control or monitoring devices may be required at any time by the Department upon demonstration of need following written notification to the permittee. Such devices shall be installed within the period of time specified in the notification. Upon approval by the Department, the operation, location, and design of any device shall be subject to the provisions of this permit.

H. Plans and Specifications:

Approved plans and specifications under Part I and Part II will satisfy the requirements under Parts III and IV of the permit conditions. The approved plans and specifications override the requirements under these conditions to the extent that they do not conflict with applicable laws or regulations unless a variance has been granted under the Code of Maryland Regulations 26.04.07.26, which conserves and protects the public health, the natural resources, and environment of the State, and to control air, water, and land pollution to at least the same extent as would be obtained by compliance with the regulation. However, these conditions do remain valid and enforceable.

