

Division of Solid and Hazardous Waste
P.O. Box 414
Trenton, New Jersey
Tel.#(609)984-6650
Fax.#(609)633-9839

RECYCLING CENTER
GENERAL APPROVAL CONDITIONS
FOR RECEIPT, STORAGE, PROCESSING OR TRANSFER
OF CLASS B RECYCLABLE MATERIALS

Under the provision of N.J.S.A. 13:1E-1 et seq. and N.J.S.A. 13:1E-99.11 et seq., known as the Solid Waste Management Act and the New Jersey Statewide Mandatory Source Separation and Recycling Act, respectively, and pursuant to N.J.A.C. 7:26A-1 et seq., known as the Recycling Regulations, this Approval is hereby issued to:

RESOURCE MANAGEMENT TECHNOLOGIES, INC.

MUNICIPALITY:	<u>North Bergen Township</u>
BLOCK NO.(S):	<u>480</u>
LOT NO.(S):	<u>1</u>
COUNTY:	<u>Hudson</u>
CAPACITY:	<u>700 TPD-Masonry</u>
	<u>200 TPD-Wood</u>
	<u>50 TPD-Leaves</u>
RECYCLING CENTER NUMBER:	<u>0908001373</u>
APPROVAL EXPIRATION DATE:	<u>April 13, 2003</u>

This Approval is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection or as may be amended in the future. All references to specific regulations include any future amendments thereto.

This Approval shall not prejudice any claim the State may have to riparian land, nor does it allow Resource Management Technologies, Inc. or its principals to fill or alter, in any way, lands that are deemed to riparian, wetlands, stream encroachment areas or flood plains, or that are with the Coastal Area Facility Review Act (CAFRA) Zone or are subject to the Pinelands Protection Act of 1979, nor shall it allow the discharge of pollutants to waters of this State without prior acquisition of the necessary grants, permits, or approvals from the Department of Environmental Protection.

Compliance with the terms of this Approval does not relieve Resource Management Technologies, Inc. or its principals of the obligation to comply with all applicable local, State and federal statutes, rules and other permits and municipal approvals or ordinances which are not preempted by the DEP solid waste regulations at N.J.A.C. 7:26-1 et seq. and the recycling regulations at N.J.A.C. 7:26A-1 et seq.

Failure to comply with all the conditions specified herein may result in revocation of this Approval and/or may result in other regulatory or legal actions which the Department is authorized to institute by law.

An Approval renewal shall be obtained from the Department prior to any activities which are to occur after the expiration of this Approval. In applying for a renewal, applicants shall follow the renewal submission requirements and procedures set forth in N.J.A.C. 7:26A-3.6.

This Approval is non-transferable, except as set for in N.J.A.C. 7:26A-3.15.

April 23, 1998
Issuance Date

Signed by Thomas Sherman, Assistant Director
Thomas Sherman
Assistant Director
Office of Permitting and
Technical Programs

June 1, 1999
Modification Date

April 13, 2003
Expiration Date

**Recycling Center General Approval
for
Resource Management Technologies, Inc.**

A. AUTHORIZED RECYCLABLE MATERIALS

1. Permitted Class B Recyclable Materials

The following source separated Class B recyclable materials which have been separated at the point of generation from other waste materials or separated at a permitted solid waste facility authorized to separate recyclable materials may be received, stored, processed or transferred at this facility:

Asphalt	Ceramic
Concrete	Trees (tree parts, brush, and stumps)
Brick	Leaves
Block	
Wood (unpainted and non-chemically treated)	

At no time shall the receipt, storage, processing or transferring of non-source separated construction and demolition material be allowed at this facility. The prohibition of this material shall be strictly enforced and any incident shall be considered a serious violation to the conditions of this Approval.

2. By-Products

Incidental amounts of rebar, metal, soil and other by-products which adhere to the Class B recyclable materials as specified in Condition A.1 and returned to the economic mainstream as raw material or products may be received, stored, processed or transferred at this facility. Its receipt shall not be separately accounted for but its storage and end-markets shall be subject to specific conditions of this Approval.

3. Contaminants

The maximum amount of contaminants allowed, as defined at N.J.A.C. 7:26A-1.3, in each incoming load of Class B recyclable materials for acceptance shall be limited to 1% by volume.

Incidental by-product materials included within the Class B recyclable materials shall not be considered to be contaminants.

B. DESIGN AND CONSTRUCTION

The construction of this facility shall be in accordance with the provisions of N.J.A.C. 7:26A-1 et seq., the New Jersey Uniform Construction Code, the approved documents listed below and this Approval.

1. Approved Documents (Revised 6/1/99)

Site Plan: prepared for Resource Management Technologies, Inc. by Macdel Engineering, signed and sealed by David L. Beesley, P.E., license number 28144, dated December 13, 1995 and last revised April 23, 1996.

Resource Management Technologies, Inc., Application for Recycling Center General Approval, submitted by Thomas DiBiasi, Esq., prepared by Anthony J. Cavalier, dated December 24, 1997.

Resource Management Technologies, Inc., Addendum to the December 24, 1997 application, prepared and signed by Anthony J. Cavalier, dated February 26, 1998.

Resource Management Technologies, Inc., Application for Modification for the increase of daily capacity from 500 tons per day to 700 tons per day for masonry material, submitted by Anthony J. Cavalier, dated February 17, 1999.

C. RECYCLING CENTER OPERATIONAL STANDARDS

The operation of this facility shall be in accordance with the provisions of N.J.A.C. 7:26A-1 et seq., the standards set forth herein and the approved documents specified in Condition B.1. Where any discrepancy exists, the terms of this Approval shall prevail.

1. Hours of Operation

Hours of operation for receiving, storing, processing or transferring source separated recyclable material as specified in Condition A.1 of this Approval shall be limited to 7:00 a.m. to 5:00 p.m., Monday through Friday and 7:00 a.m. to 3:00 p.m. on Saturday.

2. Residue

Residue generated as a result of processing source separated recyclable materials shall not exceed 1% by volume of the daily amount accepted.

Residue defined as solid waste, shall be transported by a NJDEP registered collector/hauler to the facilities in compliance with the Hudson County District Solid Waste Plan.

Residue shall be stored separately from recyclable material in containers and in a manner which prevents run-off, leakage or seepage from the residue storage area into, on or around the soil of the residue storage area.

No residue shall be stored on site for a period exceeding six (6) months without prior approval of the NJDEP.

3. Maximum Daily Capacity (Revised 6/1/99)

The Resource Management Technologies, Inc. recycling center may receive no more than 950 tons per day of recyclable materials, consisting of 700 tons per day of concrete, asphalt, block, brick and ceramic material, 200 tons per day of wood (unpainted and non-chemically treated) and trees (tree parts, brush, and stumps, and 50 tons per day of leaves, as specified in Condition A.1 of this Approval.

4. Maximum Weekly Capacity (Revised 6/1/99)

The Resource Management Technologies, Inc. recycling center may receive no more than 5,700 tons per week of recyclable materials, consisting of 4,200 tons per week of concrete, asphalt, block, brick, and ceramic material, 1,200 tons per week of wood (unpainted and non-chemically treated) and trees (tree parts, brush, and stumps, and 300 tons per week of leaves, as specified in Condition A.1 of this Approval.

5. Unprocessed Materials Storage

- a. The total amount of unprocessed concrete, asphalt, block, brick and ceramic material stored on site shall not exceed 46,814 cubic yards. Unprocessed concrete, asphalt, block, brick and ceramic material shall be stored only in those areas as designated for that purpose as indicated on the approved site plan drawings.

If at any time, the amount of unprocessed concrete, asphalt, block, brick and ceramic material stored on site exceeds 46,814 cubic yards, Resource Management Technologies, Inc. shall immediately cease receiving concrete, asphalt, block, brick and ceramic material until the amount of processed concrete, asphalt, block, brick and ceramic material stored on site falls below 46,814 cubic yards.

- b. The total amount of unprocessed wood materials stored on site shall not exceed 13,439 cubic yards. Unprocessed wood materials stored on site shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawing.

If at any time, the total amount of unprocessed wood materials stored on site exceeds 13,439 cubic yards, Resource Management Technologies, Inc. shall immediately cease receiving unprocessed wood materials until the amount of recyclable wood materials stored on site falls below 13,439 cubic yards.

Unprocessed recyclable material shall not remain on site, in its unprocessed form, for more than one (1) year.

6. Processed Materials Storage

- a. The total amount of processed concrete, asphalt, block, brick and ceramic material stored on site shall not exceed 77,900 cubic yards. Processed concrete, asphalt, block, brick and ceramic material shall be stored only in those areas as designated for that purpose as indicated on the approved site plan drawings.

If at any time, the amount of processed concrete, asphalt, block, brick and ceramic material stored on site exceeds 77,900 cubic yards, Resource Management Technologies, Inc. shall immediately cease processing concrete, asphalt, block, brick and ceramic material until the amount of processed concrete, asphalt, block, brick and ceramic material stored on site falls below 77,900 cubic yards.

- b. The total amount of processed wood material stored on site shall not exceed 12,100 cubic yards. Processed wood material shall be stored only in those areas as designated for that purpose as indicated on the approved site plan drawings.

If at any time, the amount of processed wood material stored on site exceeds 12,100 cubic yards, Resource Management Technologies, Inc. shall immediately cease processing wood material until the amount of processed wood material stored on site falls below 12,100 cubic yards.

All processed material shall be stored separately from residues.

7. Specific Conditions for the Acceptance of Leaves

- a. Resource Management Technologies, Inc. shall be permitted to receive leaves at any time of the year.
- b. All leaves delivered to the facility for processing shall be removed from bags, boxes or similar containers used in its transport to the site. The discarded bags, boxes, and similar containers shall be placed in a suitable refuse receptacle at the facility for its eventual removal off-site for disposal at an approved solid waste disposal facility.
- c. The leaves shall be stored only in the area designated as "Leaf Stockpile, as indicated on the approved site plan drawing. The maximum height of this stockpile shall not exceed thirteen (13) feet, and the maximum volume on site shall not exceed 600 cubic yards.
- d. All leaves accepted will be mixed with wood chips only and processed by a tub grinder within forty-eight (48) hours of delivery to the site. The mixture shall be soaked with water without producing excessive run-off.
- e. The ratio of the mixture shall be one part leaves to ten parts wood chips, processed from a high carbon source of material such as pallets and clean wood.
- f. Resource Management Technologies, Inc. may accept a maximum of fifty (50) tons per day of leaves.

8. By-Products Storage

By-Products shall be stored in the container(s) or area(s) as depicted on the approved site plan and shall be removed off-site to the end markets as referenced in the approved documents.

9. Horizontal and Vertical Controls

Horizontal and vertical control points for the unprocessed and processed materials stockpile areas shall be set and maintained on site. Horizontal limitation markers shall be set at the corners of the stockpile areas as depicted on the approved site plan. Vertical limitation markers shall be set at locations in close proximity of the stockpile areas and shall clearly establish elevation heights of 25 feet above the existing grade for both the unprocessed and processed masonry and wood stockpile areas and 13 feet above the existing grade for the leaf stockpile area.

10. Commingling

Resource Management Technologies, Inc. may receive, store, process or transfer source separated concrete, asphalt, block, brick and ceramic material separately or in a commingled manner.

Resource Management Technologies, Inc. may receive, store, process or transfer source separated wood products separately or in a commingled manner. At no time may any wood products be commingled with concrete and asphalt materials. Resource Management Technologies, Inc. may not receive, store, process or transfer

source separated leaves commingled with any other material. The commingling of materials other than described above is prohibited.

11. Applicable Regulations

The operation and related activities of this recycling center shall be in conformance with all applicable federal, State, county, municipal and local statutes, rules and ordinances including but not limited to nuisance, noise, fire and safety codes.

12. Safety Procedures

The operation of the recycling center shall be in conformance with the Occupational Safety and Health Act (OSHA) regulations as contained in the General Industry Standards 29 CFR 1910. Construction activities shall be in conformance with the OSHA regulations as contained in the Construction Industry Standards 29 CFR 1926. A copy of the safety procedures shall be posted on site.

13. Housekeeping

Routine housekeeping and maintenance procedures shall be implemented within the recycling center interior to prevent the accumulation of litter, dust and debris, and to maintain general cleanliness in the working environment.

14. Odor Control

The operation of this recycling center shall not cause any air contaminant, including an air contaminant detectable by the sense of smell, to be present in the outdoor atmosphere in such quantity and duration which is, or tends to be, injurious to human health or welfare, animal or plant life or property, except for malodorous emissions emanating from the recycling center which result in odors in areas over which the owner and/or operator has exclusive use or occupancy.

15. Vector Control

The recycling center shall institute and maintain an effective vector control program at the center, directed by a qualified applicator of pesticides as set forth in the New Jersey Pesticide Control Code N.J.A.C. 7:30.

16. Fire Protection and Emergency Response

Fire fighting and emergency procedures shall be posted, and shall include the telephone number of local fire, police, ambulance and hospital facilities.

If a fire occurs on-site, the facility shall immediately notify the local fire official and within 24 hours report the incident to the DEP Hotline at (609) 292-7172.

17. Entrance Sign

A legible sign shall be posted and maintained at the entrance to the recycling center and indicate the hours of operation of the recycling center as well as the following information:

- a. A listing of the approved recyclable materials as specified in Condition A.1 of this Approval.
- b. The size, weight or other restrictions regarding materials to be received.
- c. A notice that all vehicles delivering materials to the recycling center will be inspected, and if found to contain contaminants greater than 1% by volume, will be rejected.
- d. A notice that all vehicles delivering materials to the recycling center shall complete and certify a materials receipt form.

18. Soil Tracking Control

Mud, soils or other materials shall not be tracked onto any public roads by any exiting vehicles. Effective measures shall be implemented to comply with this condition.

19. Site Access

Ingress and egress of the facility shall be restricted to 94th Street only, as shown on the Plot Plan.

20. Hazardous Waste

Any suspected or prohibited hazardous waste, as defined at N.J.A.C. 7:26G-5, found in a load accepted at the facility shall not be returned to the generator. Such materials shall be segregated and stored in a secure manner and shall be immediately reported to the N.J.D.E.P. Environmental Action Hotline at (609) 292-7172. The owner/operator shall secure the name of the collector/hauler suspected of delivering such waste to the facility and related information surrounding the incident, if available, and shall make this information known to the Department's enforcement personnel.

21. Air Pollution Control Permits

All processing equipment shall be operated in a manner which is in compliance with any air pollution control permits issued pursuant to N.J.A.C. 7:27-8 and 7:27-22.

22. Dust Control

Dust shall be controlled by the spraying of water, the spreading of calcium chloride or equivalent means as approved by this Division.

23. Noise Control

Noise controls shall be implemented so that noise levels generated at the recycling operation shall not exceed the standards set forth by New Jersey Noise Control Regulations under N.J.A.C. 7:29-1.2.

24. Documents On-Site

A copy of the approved documents as referenced in Condition B.1 and a copy of this Approval shall be maintained at the facility and shall be made available for inspection by Department personnel or its designated representatives.

25. End-Markets

All end-markets to which recyclable materials are transported from the recycling center shall remain consistent with those end-markets specified in the approved documents. Any modification in the actual end-market for a recyclable material specified in Condition A.1 shall be in conformance with N.J.A.C. 7:26A-3.10(f).

26. Right of Entry

The New Jersey Department of Environmental Protection shall have the right to enter and inspect, without prior notice, any building or other portion of the recycling center, or any other location of the company or its affiliated companies at any time.

This right to inspect includes, but not limited to, the right to engage in the following activities:

- a. Sample any materials on site;
- b. Photographing or videotaping any portion of the recycling center;
- c. Investigating an actual or suspected source of pollution of the environment;
- d. Ascertaining compliance or non-compliance with the statutes, rules or regulations of the NJDEP, including conditions of the recycling center approval issued by the NJDEP; or
- e. Reviewing and copying all applicable records, which shall be made available to the NJDEP during an inspection and submitted to the NJDEP upon request.

D. RECORDKEEPING AND REPORTING

1. Recordkeeping

In accordance with N.J.A.C. 7:26A-3.17, Resource Management Technologies, Inc. shall maintain daily records of all materials received, stored, processed or transferred at the site. Said records shall be available at all times for inspection and shall indicate, at a minimum, the following:

- a. A daily record of the amounts of each recyclable material by type and municipality of origin which are received, stored, processed or transferred at the site. Those operators specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons.
- b. The name, address, and telephone number of the end-markets for all recyclable materials transported from the recycling center, including the amount, in tons or cubic yards, transported to each end-market. Those persons specifying this information in cubic yards shall also indicate the

conversion ratio of the materials from cubic yards to tons. NJDEP reserves the right to verify all end-market information submitted by Resource Management Technologies, Inc.

- c. The amount of residue disposed of, expressed in tons or cubic yards, including the name and the New Jersey Department of Environmental Protection solid waste registration number of the solid waste collector/hauler contracted to provide the haulage/disposal service. Those persons specifying the amount of residue in cubic yards shall also indicate the conversion ratio of residue from cubic yards to tons.

Resource Management Technologies, Inc. shall retain the information for three (3) calendar years following the calendar year for which reporting is required.

2. Reporting

- a. Annual Report

In accordance with N.J.A.C. 7:26A-3.17, Resource Management Technologies, Inc. shall submit an annual report containing monthly summary statements of the information required pursuant to Condition D.1 above to the New Jersey Department of Environmental Protection on or before February 1 of each year, for the previous calendar year. The summaries shall include monthly totals of the amount of recyclable product transferred to each end-market. The summaries shall also include the amount of residue disposed of during each month. An annual fee will be paid to the Department on May 1, in accordance with N.J.A.C. 7:26A-2.1(b)1;

- b. Residue Disposal

Resource Management Technologies, Inc. shall certify in writing that all residue generated at the recycling center has been disposed of in accordance with the solid waste management rules at N.J.A.C. 7:26. The certification shall be submitted annually as part of the annual report;

- c. Tonnage Report

Resource Management Technologies, Inc. shall provide a recycling tonnage report by February 1 of each year to all municipalities from which recyclable material was received in the previous calendar year. The report shall detail the amount of each source separated recyclable material, expressed in tons or cubic yards, brought to the recycling center. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons.

One original and one copy of the annual report and tonnage report shall be submitted to:

New Jersey Department of Environmental Protection
Division of Solid and Hazardous Waste
P.O. Box 414
Trenton, New Jersey 08625-0414

Failure to comply with any or all conditions of this Approval will result in the NJDEP seeking relief under the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq. Specifically, each day of failure to so comply shall constitute a separate violation on the basis of which a penalty shall be assessed pursuant to N.J.S.A. 13:1E-9 and may subject Resource Management Technologies, Inc. to regulation as a solid waste facility pursuant to N.J.S.A. 13:1E-1 et seq. and N.J.A.C. 7:26-1 et seq.

The issuance of this Approval and the conditions of operation identified herein shall not be interpreted as relieving the applicant of his responsibility to secure and maintain all other applicable federal, State and local permits or similar forms of authorization relating to the construction and operation of this facility.

Division of Solid and Hazardous Waste
P.O. Box 414
Trenton, N. J. 08625
Tel.#(609)984-6650
Fax.#(609)633-9839

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Mike Hillis, Manager
Resource Management Technologies, Inc.
2531 94th Street
North Bergen, New Jersey 07047

RE: Resource Management Technologies, Inc.
North Bergen, Hudson County
Facility No. 1805001178
General Class B Recycling Center Approval Modification

Dear Mr. Hillis:

This is in response to the modification request of February 17, 1999, submitted on your behalf by Anthony Cavalier, wherein it was requested the following modifications to your General Class B Recycling Center Approval dated April 23, 1998.

1. Increase the maximum daily capacity of masonry materials from 500 tons per day to 700 tons per day.
2. Increase the facility's maximum daily capacity from 750 tons per day to 950 tons per day.
3. Increase the maximum weekly capacity of masonry materials from 3,000 tons to 4,200 tons.
4. Increase the facility's maximum weekly capacity from 4,500 tons to 5,700 tons.

Our review of each of these modification requests has been completed and as a result we have found each to be acceptable.

Enclosed is the revised approval, which indicates the modification to the conditions effected, Conditions B.1, C.3, and C.4. Be also advised that all of the conditions as contained in your General Approval issued on April 23, 1998 shall remain in effect.

If you have any further questions regarding this matter, you may contact James Pagano, of my staff, at (609) 984-6650 or by e-mail at JPAGANO@dep.state.nj.us.

Sincerely,

Thomas Sherman
Assistant Director
Office of Permitting &
Technical Programs

TS:JJP

Enclosure

C: Rai Belonzi, Chief, Bureau of Inspections and Investigations
Scott Brubaker, Bureau of Inspections and Investigations
Nick Staniewicz, Recycling Coordinator, Hudson County Improvement Authority
Thomas Calvanico, Director, Hudson County Improvement Authority
Municipal Clerk, North Bergen Township
Health Officer, Hudson County Health Department
Sukhdev S. Bhalla, DSHW, NJDEP
James J. Pagano, DSHW, NJDEP

