

AMENDMENT

to the

OCEAN COUNTY DISTRICT
SOLID WASTE MANAGEMENT PLAN

August 4, 1992

Adopted by
THE OCEAN COUNTY BOARD OF CHOSE FREEHOLDERS

Prepared by:
Ocean County Department of Solid Waste Management
Courthouse Annex
Toms River, New Jersey

I. INTRODUCTION

This document is a proposed Amendment to the Ocean County District Solid Waste Management Plan. The Solid Waste Management Act (N.J.S.A. 13:1E-1 et seq.) requires that each county adopt such a plan and that it be amended as required by the passage of time and by changing circumstances. The original Plan was adopted by the Board of Chosen Freeholders on July 18, 1979.

Since that time there have been remarkable changes in the ways that the community manages its solid waste in Ocean County and elsewhere. These changes were occasioned by increased sensitivity to the environment, technology improvements and an awareness of rising costs.

To accommodate, encourage and, in some cases, to create these changes the Board from time to time has amended its Solid Waste Management Plan.

The amendment that is presented on the following pages is intended to accomplish further improvements as well as to respond to questions raised by the Commissioner of Environmental Protection and Energy in his July 26, 1991 Certification of the Board's most recent amendment.

It is the purpose of this proposed amendment to do the following:

- o To present a current list of all solid waste handling, transfer, recovery, treatment and disposal facilities and recycling centers, now included in the County plan.

- o To adopt, in accordance with N.J.S.A. 13:1E-150, a plan for the proposed uses of Ocean County's share of the Resource Recovery Investment Tax Fund.
- o To make a cogent presentation of statistics that describe the effectiveness of the solid waste recycling program of Ocean County and its municipalities.
- o To establish a procedure for expedited inclusion in the Plan of yard waste composting facilities and recycling centers.
- o To set forth a description and a schedule of the evaluations that the County is making of prospective source reduction programs and intercounty arrangements to improve its conformity with the Policy Guidelines arising from the work of the State Emergency Solid Waste Assessment Task Force.
- o To extend the date for submission to the County by the Township of Ocean of information concerning the feasibility of a compost facility in that municipality.

II. PLAN-APPROVED FACILITIES

The Original Solid Waste Management Act (N.J.S.A. 13:1E-21) requires that the County Plan contain "An inventory and appraisal...of all solid waste facilities within the solid waste management district...". A listing of all such facilities then in use was presented in the County's original Plan adopted July 18, 1979. Subsequently, from time to time, Plan Amendments adopted by the Board incorporated new solid waste facilities to meet the County's changing needs. Under the statute, such facilities must be identified in the Plan in order to be eligible to receive the required permit from the State Department of Environmental Protection and Energy. Also, over the years solid waste facilities have closed or otherwise been discontinued for environmental, economic or other reasons.

The County's current inventory of solid waste management facilities, presented on the following table, is hereby incorporated in the County Plan.

In response to the recommendation of the Solid Waste Advisory Council, made by its resolution of February 24, 1992, the Bil-Jim Construction Company Recycling and Material Reclamation Center, Jackson Township, is excluded from the list of Plan Approved Facilities.

Based on comments at the public hearing of July 13, 1992 for the proposed Plan Amendment and written comments received during the public comment period, revisions are hereby made to the listing of approved solid waste facilities in the County's District Plan. The revisions are as follows: minor corrections to some facility mailing addresses; the inclusion of three municipal leaf compost facilities (Brick, Jackson and Lacey Townships), which were inadvertently omitted; a clarification on the materials accepted by the Rosetto Recycling Center and the Ocean County Utilities Authority; the exclusion of five hospitals (Community Memorial, Ocean County Veterinary, Paul Kimball, Point Pleasant and Stafford Veterinary Hospital) from the District Plan since their usage of on-site incinerators has terminated.

OCEAN COUNTY DISTRICT SOLID WASTE MANAGEMENT PLAN - APPROVED FACILITIES AS OF JULY, 1992

FACILITY NAME	MAILING ADDRESS/ CONTACT-PHONE	MATERIALS ACCEPTED	STREET LOCATION/TWP. BLOCK-LOT	CURRENT STATUS	COMMENTS
ANDREW NENETH FARM	P.O. Box 55 Crema Ridge, NJ 08514 Andrew Nemetz phone # not available	farm leaf mulching facility	Hillstream Rd., Plumsted Twp. Block 58, Lot 13	Inactive	
ASSOCIATED HUMANE SOCIETIES, INC. (POPCORN ZOO)	Huane Way (off Lacey Rd.) P.O. Box 43 Forked River, NJ 08731 Lee Bernstein (609) 693-1900	small incinerator on-site for animal carcasses and medical waste	V. Lacey Rd. Lacey Twp. Block 2811, Lot 2	Operating	
BEACHWOOD LEAF COMPOST FACILITY	315 Atlantic City Blvd. Beachwood, NJ 08722 John Weigand, Jr. (908) 349-2522	compost facility for vegetative waste (leaves and light brush)	Hickory St. & Longpost Ave. Boro of Beachwood Block H49, Lots 1-60; Block H64, Lots 1-30; Block H65, Lots 1-30	Operating	
BERKELEY LEAF COMPOST FACILITY	P.O. Box B Bayville, NJ 08721 Sanford Alter (908) 349-4616	compost facility for vegetative waste (leaves and light brush)	Pinehald-Keswick Rd. Berkeley Twp. Block 25, Lot 2	Operating	Operating under a 20,000 cubic yard exemption
BRICK LEAF COMPOST FACILITY	401 Chambers Bridge Rd. Brick, NJ 08723 Jack Hyden (908) 477-3000	compost facility for vegetative waste (leaves and light brush)	Ridge Rd. Brick Twp. Block 1422, Lots 4,20,21 and 25	Operating	
DOVER LEAF COMPOST FACILITY	33 Washington St. Toms River, NJ 08753 Jim Shannon (908) 341-1000	compost facility for vegetative waste (leaves and light brush)	Church Rd. & Bay Ave. Dover Twp. Block 231, Lots 7 and 10	Operating	
DOVER LEAF COMPOST FACILITY #2	33 Washington St. Toms River, NJ 08753 Jim Shannon (908) 341-1000	compost facility for vegetative waste (leaves and light brush)	Whiteville Rd., Dover Twp. Block 539, Lot 5	Operating	Not open to public. Operating under a 20,000 cubic yard exemption.
EARLE ENVIRONMENTAL CORP.	P.O. Box 757 Farmingdale, NJ 07727 Walter Earle, Jr. (908) 657-8551	private recycling facility for 10/27 non-hazardous petroleum contaminated soils	Rt. 547, Jackson Twp. Block 13.01, Lot 1	Operating	
JACKSON LEAF COMPOST FACILITY	R.D. 4, Box 1000 Jackson, NJ 08527 John Santusik, Jr. (908) 928-0995	compost facility for vegetative waste (leaves and light brush)	Kierych Dr. (Hulse Rd.), Jackson Twp. Block 80, Lot 8.02	Operating	
JOHN KUMMINGS STUMP REDUCTION CTR.	55 Cox Avenue West Creek, NJ 08092 John Kummings (609) 296-0968	private recycling facility that processes stumps	Old Country Rd., Englewood Twp. Block 34, Lot 1	Proposed, not in operation.	Needs recycling center approval from NJDEP

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FACILITY NAME	MAILING ADDRESS/ CONTACT-PHONE	MATERIALS ACCEPTED	STREET LOCATION/TWP. BLOCK-LOT	CURRENT STATUS	COMMENTS
LACEY LEAF COMPOST FACILITY	820 Municipal Lane Forted River, NJ 08731 Henry Egolf (609) 693-1100	compost facility for vegetative waste (leaves and light brush	Municipal Lane, Lacey Twp. Block 1837, Lot 5	Operating	Open to Lacey Twp. residents only
MANCHESTER LEAF COMPOST FACILITY	1 Colonial Drive Lakewood, NJ 08733 Walter Richardson (908) 657-8121	compost facility for vegetative waste (leaves and light brush)	Rt. 70, Manchester Twp. Block 116, Lot 13	Operating	
MATHIS LANDFILL (TUCKERTON SAND & GRAVEL STUMP DUMP)	Box 1080, Rt. 539 Tuckerton, NJ 08087 Clarence Mathis (609) 296-3728	private landfill for disposal of trees, branches, brush and stumps.	Otis Bog Rd. & Center St., Little Egg Harbor Twp. Block 284, Lot 4, Block 286, Lot 2	Operating	
OCEAN COUNTY LANDFILL, INC.	P.O. Box Drawer #4 Belford, NJ 07718 Charles Hesse (908) 341-6982	private landfill that accepts type 10, 13, 23, 25, 27 waste	Rt. 70, Manchester Twp. Block 2, Lots 1, 2, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 30, 31, 32, 33, 34, 35, 36, 37, 59, 60, 61, 62, 64, 65, 768, 769, 770, 771, 772, 777, and 778; Block 3, 02, Lot 642; and Block 33, Lot 783	Operating	
OCEAN COUNTY LANDFILL, INC. MATERIALS RECOVERY FACILITY	P.O. Box Drawer #4 Belford, NJ 07718 Charles Hesse (908) 341-6982	proposed private facility that will process type 10 waste and recyclable material	Rt. 70, Manchester Twp. Block 2, Lots 31, 32, and 33	Proposed, not in operation.	Requires solid waste facility permit
OCEAN COUNTY LANDFILL, INC. SOLID WASTE COMPOST OPERATION	P.O. Box Drawer #4 Belford, NJ 07718 Charles Hesse (908) 341-6982	proposed private facility that will process type 10 waste for compost	Rt. 70, Manchester Twp. Block 2, Lots 31 and 32	Proposed, not in operation.	Requires solid waste facility permit
OCEAN COUNTY LANDFILL, INC./ RUTGERS PILOT COMPOST OPERATION	P.O. Box Drawer #4 Belford, NJ 07718 Charles Hesse (908) 341-6982	proposed field facility that will process type 10 waste for compost	Rt. 70, Manchester Twp.	Operating	Temporary permit
OCEAN COUNTY LEAF COMPOST FACILITY	601 New Hampshire Avenue Lakewood, NJ 08701 Joe Johnson (908) 367-0802	compost facility for vegetative waste (leaves and light brush)	601 New Hampshire Ave. Lakewood Twp. Block 1160.06, Lot 241	Operating	

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FACILITY NAME	MAILING ADDRESS/ CONTACT-PHONE	MATERIALS ACCEPTED	STREET LOCATION/TWP. BLOCK-LOT	CURRENT STATUS	COMMENTS
OCEAN COUNTY NORTHERN REGIONAL RECYCLING CENTER	601 New Hampshire Ave. Lakewood, NJ 08701 Joe Hummel (908) 367-0802	County recycling facility that processes aluminum cans, tin cans, glass containers, newspapers, commercial/ residential cardboard, mixed paper, office paper, plastic beverage containers, other plastic, and pvc containers (5/92)	601 New Hampshire Ave. Lakewood Twp. Block 1160.06, Lot 241	Operating	
OCEAN COUNTY RECYCLING CENTER, INC.	1497 Lakewood Rd. Toas River, NJ 08755 Harvey Onore (908) 244-1716	private recycling facility that processes concrete, asphalt, masonry products, cement blocks, bricks, tree stumps	Rt. 9 Dover Twp. Block 410, Lot 26	Operating	NJDEPE approval for only concrete and asphalt
OCEAN COUNTY SOUTHERN REGIONAL RECYCLING CENTER	Recovery & Hay Rd. Mannahkin, NJ 08050 Joe Carter (609) 978-0913	County recycling transfer station facility that collects aluminum cans, tin cans, glass containers, newspapers, commercial/residential cardboard, mixed paper, office paper, plastic beverage containers, other plastic, and pvc containers (5/92) for processing at Northern facility	Recovery & Hay Rd. Stafford Twp. Block 25, Lot 59	Operating	
OCEAN COUNTY UTILITIES AUTHORITY	501 Hickory Lane Bayville, NJ 08721 Robert Holland William Fine (908) 269-4500	small incinerator on-site for grease and sludge oil	501 Hickory Lane Berkeley Twp. Block 620, Lot 1	Operating	
OCEAN GATE TRANSFER STATION	Ocean Gate Boro Municipal Office Bldg., Margaret Boice (908) 269-3171	transfer station that accepts type 10 waste	E. Avene & Wildwood Aves., Boro of Ocean Gate Block 36.01, Lot 1	Operating	
RALPH CLAYTON & SONS	515 Lakewood-New Egypt Rd. Lakewood, NJ 08701 John Barr (908) 363-1995	private recycling facility that processes concrete, asphalt, brick and block	515 Lakewood-New Egypt Rd. Lakewood Twp. Block 11.5, Lot 70	Operating	Needs recycling center approval from NJDEPE
ROBERT GOFF FARM	Magnolia Avenue RD #1, P. O. Box 110 New Egypt, NJ 08533 Robert Goff (609) 738-7370	farm leaf mulching facility	Magnolia Ave., Plumsted Twp. Block 10, Lot 61 Q	Operating	
ROSETTO MATERIAL RECOVERY FACILITY	CR-2021 Toas River, NJ 08754-2021 Bruce Rosetto (908) 341-3333	proposed private facility that will process type 10, 13, 27 waste, and recyclable materials	Rt. 37 W. Dover Twp. Block 411, Lot 1.2	Proposed, not in operation.	1) Requires solid waste permit 2) Operation must be in accordance w/ Rosetto & Count.

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FACILITY NAME	MAILING ADDRESS/ CONTACT PHONE	MATERIALS ACCEPTED	STREET LOCATION/TWP. BLOCK-LOT	CURRENT STATUS	COMMENTS
ROSETO RECYCLING CENTER	CH-2021 Toms River, NJ 08754-2021 Bob Dixon (908) 341-3333	private recycling facility that processes wood (2x4's, plywood) and asphalt shingles	1301 Rt. 37 W. Dover Twp. Block 506-1, Lots 1 thru 7	Operating	Needs recycling center approval from NJDEP
SOUTH BRUNSWICK ASPHALT	Mizzen & R.R. Avenue Box 352 Beachwood, NJ 08122 Eugene Johnson Jim Lowery (908) 349-0481	private recycling facility that processes stumps, trees, concrete and asphalt	Mizzen & R.R. Ave. Berkeley Twp. Block 824, Lot 1	Operating	NJDEP approval for only tree stumps, tree parts and asphalt
SOUTH JERSEY RECYCLING CENTER	P. O. Box 31 Berlin, NJ 08009 Ed Stella, Jr. (609) 768-1510	private recycling facility that processes stumps, tree trunks and limbs for wood chips	Whiting-Hornerstown Rd. Plumsted Twp. Block 79, Lot 28	Proposed, not in operation.	
STAFFORD LEAF COMPOST FACILITY	775 East Bay Avenue Manahawkin, NJ 08050 Ron Cop (609) 978-0239	compost facility for vegetative waste (leaves and light brush)	Hay Rd., Stafford Twp. Block 25, Lots 13, 14, and 15	Operating	
TANNER LANDFILL (STUMP DUMP)	691 E. Bay Ave., Barnegat, NJ 08005, Francis Tanner, Jr. (609) 698-2188	private landfill for vegetative waste, and stumps	Gunning River Rd. Barnegat Twp. Block 114, Lot 13; Block 174, Lots 13, 37, 47 and 47.01	Operating	
TOMS RIVER REGIONAL SCHOOL DISTRICT	Toms River H.S. North Old Freehold Rd. Toms River, NJ 08753 Raymond Ryan (908) 341-9200	small incinerator on-site for confidential student files and non-toxic school nurse waste	Toms River H.S. North Old Freehold Rd. Dover Twp. Block 410-C, Lot 30	Operating	
TOMS RIVER VETERINARY HOSPITAL	769 Rt. 37 West Toms River, NJ 08753 Louise Reynolds (908) 349-4599	small incinerator on-site for animal carcasses	769 Rt. 37 W. Dover Twp. Block 00507, Lot 00031	Operating	

III. RESOURCE RECOVERY INVESTMENT TAX FUND

N.J.S.A. 13:1E-138 (L.1985 c. 38 effective May 1, 1985) imposed a resource recovery investment tax upon the owner or operator of every sanitary landfill facility. The tax was set at \$1 per ton rising to \$4 in the third year. The revenue created the Resource Recovery Investment Tax Fund payable to counties to subsidize the costs of all forms of solid waste resource recovery processes. N.J.S.A. 13:1E-150 required that each county, as a part of its District Solid Waste Management Plan, prepare a plan to define its proposed uses of the Investment Tax Fund.

Funds Available

Ocean County's share of the proceeds of the RRIT for each of the six years that the statute has thus far operated is shown in the following Table I:

Table I

Ocean County Share of State
Resource Recovery Investment Tax Fund

<u>Fiscal Year</u> (ending June 30)	<u>Tax Amount</u>
1986	\$ 835,866
1987	\$ 1,378,753
1988	\$ 1,962,904
1989	\$ 2,134,450
1990	\$ 2,033,706
1991	\$ 1,965,279

On June 7, 1989 the Board of Freeholders approved an amendment to the County Plan that set forth a plan to use its Fund share for site acquisition, capital construction, subsequent bond redemption and tipping fee offset at the resource recovery facility then

proposed. In its Certification of December 21, 1989 the DEP approved the Plan and thereafter transferred \$4.177 million to the County for site acquisition.

Funds on Hand (initial balance)

Accrued interest on the \$4.177 million as of the end of fiscal 1991 was \$1.149 million. On deposit in the County account as of that date was \$5.326 million.

\$4.177 million received by County
1.149 million interest
 \$5.326 million on deposit at the end of 1991

As of the end of fiscal 1991, \$6.134 million ascribable to Ocean County had accrued in the State account in addition to the \$4.177 million previously conveyed to the County.

Funds Forecast

Table II estimates the tons per year to be landfilled at the Ocean County Landfill and the tax amount at \$4 per ton for the period of July 1, 1991 through December 31, 1995 when the law sunsets.

Table II

Estimated Ocean County Share
 of Resource Recovery Investment Tax
 Collectible after June 30, 1991

<u>Calendar Year</u>	<u>Landfill tons</u>	<u>Tax Amount</u>
1991 (2nd half)	182,836 tons ('91 total tons 365,672)	\$ 731,344
1992	372,967 tons	1,491,868
1993	378,931 tons	1,515,724
1994	336,687 tons	1,346,748
1995	342,099 tons	1,368,396
		<u>\$ 6,454,080</u>

Therefore, total proceeds from the RRIT to be made available for appropriate Ocean County use are:

\$ 5.326 million in County account
 \$ 6.134 million in State account
\$ 6.454 million forecast receivables
 \$17,914 million

Proposed Uses of the Funds

Ocean County has established two recycling centers to process the residentially-generated recyclables whose separation at the curb is mandated by the County and its municipalities. The Southern Ocean County Recycling Center located in Stafford Township essentially consolidates materials for shipment to the Northern Ocean County Recycling Center which is located in Lakewood.

In 1988 the County acquired the Lakewood site at a cost of \$2.4 million to be the locus of the Northern Recycling Center. The County proceeded to construct the following components of the Recycling Center with the costs as indicated:

<u>Item</u>	<u>Cost</u>	<u>Year of Purchase</u>
Materials Recovery Facility	\$ 7,400,000	1990/1991
Scale and Scale House	350,000	1991
Compost Vehicle Storage Building	550,000	1989/1990
Lining of Retention Basin	250,000	1990/1991
Utility Improvements	150,000	1989/1991
Water Booster Pump Station	80,000	1991
Materials for Tipping Wall	50,000	1992
Deceleration Lane	25,000	1991
	<u>\$ 8,855,000</u>	

These are contractor capital construction costs. These costs were paid for out of the County's current appropriation and through the sale of \$7.2 million in general improvement bonds dated December 1, 1990. The Materials Recovery Facility, built at the

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Lakewood Center, began operations in July of 1991. It has a design capacity of 300 tons per day. Following are the categories of recyclables that are processed at the MRF and made ready for market:

- o Aluminum cans
- o glass containers
- o newspapers
- o ferrous metal (tin) cans
- o plastic containers
- o corrugated cardboard
- o mixed paper

Comparable costs for the Southern Ocean County Recycling Center were as follows:

<u>Item</u>	<u>Cost</u>	<u>Year of Purchase</u>
Recyclable Materials Transfer Station	\$ 1,100,000	1989/1990
Materials & Construction of Tipping Wall	90,000	1990
	<u>\$ 1,190,000</u>	

By this Plan Amendment the County expresses its intentions to use its proceeds from the Resource Recovery Investment Tax to reimburse the County for these costs recapitulated as follows:

1. Northern Ocean County Recycling Center	\$ 8,855,000
2. Acquisition of Lakewood site	2,400,000
3. Southern Ocean County Recycling Center	1,190,000
	<u>\$12,445,000</u>

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Upon certification of this amendment by the Commissioner, and transfer of available funds to the Ocean County account, the County will immediately establish a debt reserve to pay off the \$7.2 million bond issue for the MRF.

RRIT Fund proceeds thus far accumulated in the County and State accounts, and all such funds still to be accumulated until the law sunsets including earned interest, are to be spent to reimburse the County for eligible costs described above, for other related capital and operating costs to be incurred in the future by the County recycling program, and to defray the costs of an expanded program of collection and proper disposal of household hazardous waste.

IV. RECYCLING

The February 19, 1991 Plan Amendment contained Table B, "Table of Projected Solid Waste Generation and Planned Wasteflow Distribution". While comprehensive, the Table did not fully address all of the recycling types included in the State's tonnage grant program. Hence, the Commissioner's 1991 Plan Certification requested that the County recalculate its total quantities of recyclables. In order to present total recycling percentages, more current recycling data were analyzed and the results of new studies at the OCLF were incorporated. This resulted in the Revised Table B which appears at the end of this section.

Following are the main factors used in this revision:

- o Current 1991 waste disposal quantities at OCLF are included. These values are substantially lower than previous years and show the effects of increased recycling in the County.
- o The recycling quantities for Type 10, 13, 23 and 27 wastes are taken from the 1990 municipal reports to the NJDEPE for the tonnage grant program. The values used in the Table for 1991 are modestly assumed to be the same as the verified 1990 tonnage grant numbers.
- o The Compost Processing tonnages are based on percentages from the "Ocean County Solid Waste Composition Study, April, 1991" prepared for the OCLF by Wehran Engineering. The percentage of "Recovered Material" (Col. 11) is 15.4% and represents miscellaneous paper, books and magazines, glass, plastics, ferrous metal and aluminum recovered at

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the front end of the proposed compost processing facility. The "Type 10 Compost" (Col. 12) is 23.7% of incoming Type 10 waste and includes miscellaneous paper, food, corrugated paper, newspaper, books and magazines and office paper judged too contaminated in the solid waste stream to be recovered. The "Type 23 Compost" (Col. 13) is yard waste comprising 10.2% of the incoming Type 10. The compost percentages are based on a 70% capture rate from Type 10 waste. 1994 and 1995 values reflect 1/3 capacity at the compost facility.

- o The "Waste Disposed at OCLF" (Col. 15) reflects deductions for all recycling operations as well as organic processing and moisture losses at the compost facility.

- o The "Total Percent Recycled" (Col. 16) includes credit for all NJDEPE tonnage grant values plus the addition of compost values divided by the 1991 waste generation values. The NJDEPE goal is 60%.

- o The "Percent Type 10 Recycled" (Col. 17) reflects the sum of "Recovered Materials", "Type 10 Recycling" plus "Type 10 Composting" divided by "Type 10 Generation". The NJDEPE goal is 50%.

Summary

Revised Table B accurately reflects the total recycling picture in Ocean County based on inclusion of all recycling operations in the County. The Table shows that the County will achieve both the total recycling goal of 60% and the Type 10 goal of 50% in 1996 and subsequent years.

Additional Prospects

The County Recycling Plan designates as mandatory recyclables

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the following: newspaper, aluminum, beverage containers, bi-metal cans, flint, amber and green glass containers, PET, HDPE and PVC plastic containers; corrugated cardboard at commercial establishments and office paper in institutions and offices with more than 25 employees.

Under consideration as additional mandated recyclable materials for curbside residential collection are the following candidate materials: film plastic, aluminum foil, corrugated cardboard, motor oil and mixed paper which is already a strong contender. Decisions as to which materials to designate will be made during the next 12 months on the basis of ongoing evaluations of market opportunities and logistics.

V. EXPEDITED PLAN INCLUSION

This section establishes and describes an expedited arrangement for inclusion in the County Plan of vegetative waste compost facilities and recycling centers.

An application for such a facility or a center must be submitted to the County. The application must contain the information required under Sections 300 and 500 of "Procedures to Consider Proposed Solid Waste and Recycling Facilities for Inclusion in the Ocean County District Solid Waste Management Plan". These procedures, which are available from the County Department of Solid Waste Management, were presented as Appendix B of the County Plan Amendment adopted in February 1991.

The applicant must submit written documentation that all applicable local approvals and permits have been secured.

When the application is found to be complete, the County will advise the applicant to publish two notices of the proposed application, one each week for two consecutive weeks, in a newspaper of general circulation within the host municipality. The notice shall set forth:

1. The nature of the project;
2. The block and lot numbers of the site location;
3. The generally recognized address of the site;
4. The location of the depositories (which in all cases shall be the municipal building and the County Department of Solid Waste Management) for inspection of the complete application and supporting documents; and

5. A statement that written comments on the proposed application will be accepted by the County Department of Solid Waste Management for a period of 30 days from the date of the first notice.

The applicant must also notify by certified, return receipt mail, all property owners within 200 feet of the property proposed for use for the facility or the center. The applicant must forward a copy of the notice to the municipal clerk of the host municipality and of contiguous municipalities and to the New Jersey Department of Environmental Protection and Energy, Office of Recycling, upon its publication.

If no substantive objections are presented the County may, by a resolution of the Board of Chosen Freeholders, include the proposed facility in the Plan.

If a substantive objection is received than a public hearing will be held by the Solid Waste Advisory Council, for the County. Notice of the hearing must be published by the applicant in the same manner as the first notice. Thereafter, upon receiving the recommendation of the Solid Waste Advisory Council, the Board may by resolution reject or adopt, in whole or in part, with or without change, Solid Waste Advisory Council's recommendation concerning proposed inclusion of the proposed facility in the County Plan.

The applicant and the DEPE will be properly notified of the action of the Board.

Inclusion in the Plan does not relieve the applicant from any obligation to secure from DEPE, or the Pinelands Commission, any permits or other required approvals.

VI. OBSERVANCE OF SOLID WASTE POLICY GUIDELINES

In June of 1991 the DEPE published Solid Waste Policy Guidelines. These were derived from the report and recommendations of the Governor's Emergency Solid Waste Assessment Task Force which were published August 6, 1990.

The three most important guidelines concern recycling of 60% of total solid waste, regionalization of waste management and source reduction of waste. Ocean County's recycling forecast is presented in Section IV of this Amendment. With regard to regionalization and source reduction opportunities, Ocean County has had informal conversations with solid waste management representatives of Burlington, Atlantic, Monmouth, Warren, Somerset, Middlesex and Passaic counties. A delegation from the County of Monmouth, including members of the Board of Chosen Freeholders and the County Administrator, toured Ocean County's Materials Recovery Facility in Lakewood in December.

The Ocean County solid waste management system described in the County Plan is self-sufficient. There are not, at the present time, any deficiencies requiring that solid waste management services be provided outside of the County. As the County's composting feasibility studies proceed to completion, conclusions can be drawn as to cost, reliability, product quality, marketability, and particularly relating to the processing of greenbag waste or mixed MSW, or both, and as to the required capacities that such decisions would define.

During 1993 this integrated recycling, composting, landfilling waste management system will be examined as to the possibility of its regional use. The controlling factor, however, is likely to be the limited availability of landfill space which the Freeholders do not want to fill with imported waste to the detriment of County objectives.

There are sensible arrangements that can be made for the use of materials processing and recycling facilities in Ocean County for materials generated in other counties.

There are also opportunities not yet explored for the most productive form of waste management, that is, avoidance of it through reduction at the source.

It is becoming more apparent that good waste control is really proper resource management which includes finding the right place for everything whose first use is finished. This is so not just for the simple recyclables, returnables or reuseables but even the intractables like hundreds of sources of small quantities of hazardous waste, and millions of consumer batteries.

Ocean County will add the following new or expanded solid waste management activities to its Plan:

Regionalization

1. A consideration of the opportunities and their costs, that may exist to join with other counties in the receipt, handling and disposition of household hazardous waste either with a single disposal contract or simply a sharing of facilities based upon geographic convenience.

Conversations with officials of Monmouth and Atlantic Counties indicate a readiness to discuss a beneficial sharing of arrangements. A determination will be made during 1992.

2. An inventory to determine the feasibility of regular pickup of hazardous waste from small quantity generators to avoid the entry of that material into the regular solid waste stream. Ocean County officials will consult with their counterpart associates in Burlington County to determine the outcome of the New Jersey Institute of Technology project underway in that county concerning small quantity generation of hazardous waste. A decision as to the feasibility of this separate collection will be made during 1993.

3. A sharing of facilities for the processing of recyclable materials. There will, in fact, be a free market sharing of the process capacity of the John Kummings' Stump Reduction Center in Eagleswood Township, the Ocean County Recycling Center, Inc. in Lakewood, the South Brunswick Asphalt facility in Beachwood, the Ralph Clayton and Sons facility in Lakewood and the proposed Rosetto Commercial Materials Recovery Facility in Dover Township, for the processing of non-hazardous industrial, commercial/institutional waste, tree stumps, asphalt,

concrete and other construction and demolition waste. In addition, facility operation efficiencies at the Ocean County Northern Recycling Center and the fact that its capacity was designed to accommodate summer peak flow of recyclables make capacity available to receive residential recyclables generated outside of the County. Such use is already a reality. Recyclables are being received in 1992 from Camden and Cape May Counties with other sources to be added. Arrangements to receive these materials are directly being made by the County and by authorized contracts entered into by RRT Empire Returns Corporation, the operator of the Center.

4. Joint purchasing of recycled materials by two, three or four counties including collaboration with the State Division of Procurement and Central Services (Purchase Bureau). Discussions have been held among the Purchasing Directors of Monmouth, Atlantic and Ocean Counties. A tour of the Northern Ocean County Recycling Center was given to representatives of the State Purchase Bureau in connection with conversations about optimum procurement by County governments of post-consumer recycled materials in accordance with State defined recyclable content standards.

Source Reduction

An emphatic public education program, conducted by the

County Recycling Coordinator, aimed at residences, industries, institutions, offices and commercial establishments as to the opportunities available to limit the generation of waste. By the end of 1992, the Solid Waste Advisory Council will establish a subcommittee on source reduction to help define the most effective approaches to waste prevention.

6. Exclusion of grass clippings. The County will expand its "Cut It and Leave It" program for grass clippings. The County will conduct demonstrations with its Toro Recycler Mower. In addition, the County will modify its bid specifications so additional mulching mowers can be purchased by various County Departments.

The County will also expand its public information and educational effort to keep grass clippings out of the waste stream.

7. More backyard composting. The County will encourage backyard composting by developing a cooperative program with the municipalities. The County will provide backyard composting units to several typical large and small municipalities to demonstrate the effectiveness of backyard composting as a source reduction program. The County will develop an operating manual for these units, set up a backyard composting demonstration area at the Ocean County Northern Regional Recycling Center and prepare a summary report on the usefulness of the demonstration units.

8. A dry cell battery management program. Ocean County already has in place arrangements for citizens to drop off automobile batteries at either the Northern or Southern County Recycling Centers. However, it is estimated that approximately 7 million dry cell batteries of the kinds used in cameras, clocks, electronic equipment, etc. are purchased by Ocean County consumers each year. Most of these, after their use is terminated, probably end up in a landfill.

The Governor signed new legislation S-3157 (Dry Cell Battery Management Act) which became effective January 1, 1992. The new law imposes restrictions on the kinds of batteries that may henceforth be sold mostly in terms of permissible content of heavy metals.

In addition, however, manufacturers of consumer batteries must, by September 1992, submit to the State a dry cell battery collection plan which must include a strategy for expanding and increasing collection, recycling and proper disposal of all dry cell batteries in each county. The County, with the advise of the Solid Waste Advisory Council, will establish a public education program concerning the importance of battery recycling and identifying the places to which used batteries can be returned. The County will monitor progress to determine whether the purposes of the manufacturer's plans, with the cooperation of retail establishments, are being accomplished.

9. The County will advise and assist the proprietors of commercial establishments, offices and institutions in the completion of waste audits. The purpose of these audits will be to assure efficient recycling arrangements, purchase of recycled materials, paper

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conservation and other waste prevention activities. This effort will begin before the end of calendar year 1992 with initial attention given to establishments with more than 25 employees. Based on the County's experience with this new activity, the waste audits will be extended to smaller establishments in 1993.

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In the Plan Amendment adopted on February 19, 1991, the Board of Chosen Freeholders authorized the Township of Ocean to initiate planning for a second compost facility to be located with that municipality. That effort was intended to provide the County with information which is required by the New Jersey DEPE for a facility to be included in the Solid Waste Management Plan.

The Plan stated that the required feasibility information must be submitted to the County for review no later than July 1992. At the request of the engineering consultants on behalf of Ocean Township that submission time is extended to January 1993.