



# Resource Recovery Report

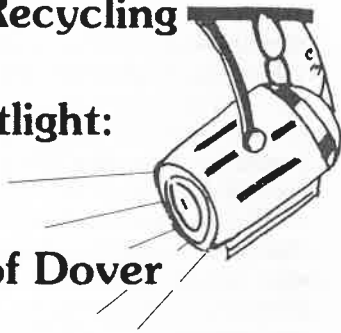
Volume 2, No. 3

Summer, 1983

## Recycling

### Spotlight:

### Town of Dover



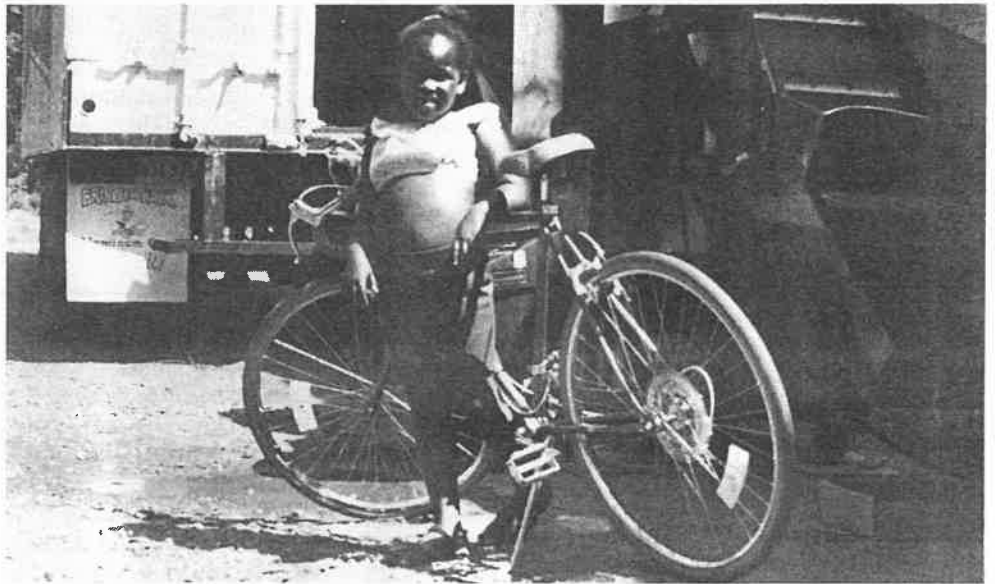
If there is one thing that municipal officials in Dover know for certain, it is that money does talk. Dover's new aluminum can buy-back center has collected over 2,000 lbs. of aluminum since its April 15, 1983 opening. The new operation enhances the Town's existing recycling program where newspapers are picked up weekly at the curb under a mandatory ordinance.

The buy-back center, located at the Town's new Public Works yard on North Sussex Street, pays recyclers 20¢ per pound of aluminum cans delivered. The center is operated by 2 Dover Public Works employees and is opened 3 p.m. to 5 p.m. on Wednesdays and from 10 a.m. to 12 noon on Saturdays.

The cans are processed through a can flattener which cancels out all non-aluminum cans (bi-metals) and blows the flattened aluminum cans into a 40 foot trailer. The trailer and can flattener are supplied to Dover by High Grade Beverage at a cost of \$1 per year.

According to Bud Downing, Dover Town Engineer, the Town should process 17,000 lbs. of aluminum every six months in order to maintain the arrangement with High Grade. A community-wide educational program will help the Town in meeting this goal.

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Tina Davis, first prize winner in Dover's Recycling Contest, proudly displays her new 10-speed bicycle at the Dover Recycling Center.

## Tonnage Grant Distribution Begins

The New Jersey Office of Recycling has issued the first round of checks to New Jersey municipalities for Recycling Tax Rebates, or "tonnage grants."

Twenty-eight of Morris County's 39 municipalities reported a total of 27,725 tons of material recycled during 1982. Because that material was not landfilled, all municipalities reporting recycling activities received \$7.12 per ton for materials recycled.

Grant recipients for the first stage of tonnage grant payments are listed in column 3, page 3.

## "No Time For Recycling!"

The single largest barrier to municipal recycling programs is the lack of spare time to devote to recycling. And, with municipal budgets tighter than ever, funding to create a position for a municipal Recycling Coordinator does not exist. There is an answer to this widespread problem.

The Voluntary Action Center of Morris County, and the Retired Seniors Volunteer Program (R.S.V.P.) are two local agencies solely devoted to the promotion and provision of volunteerism. **Volunteers are available for program planning, education, and maintenance of municipal recycling programs.**

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Dover... Continued From Page 1

High Grade Beverage, in cooperation with the Dover Recycling Committee, sponsored a Recycling Contest to advertise the new center. Open to all students attending Dover schools, the contest awarded prizes to the four students recycling the most aluminum cans in one month.

The first place winner was Tina Davis, who received a new 10 speed bicycle for recycling 245 lbs. of cans. The second, third and fourth prize winners were, in order, Billy Costello Sheila Zeiner and Joann Rodenbaugh, all of whom received AM-FM stereo cassette players with headphones.

In addition to the attention that aluminum can recycling has received in Dover, the Dover Recycling Committee reports that monthly income from newspaper collected at the curb has doubled since this time last year.

Dover's efforts exemplify yet another Morris County municipality which has shown a strong commitment to recycling for waste stream reduction.

## Restaurants Recycle!

Recycling for waste stream reduction can prove cost effective for any large generator of solid waste. At the Claridge Hotel and Casino in Atlantic City, N.J., recycling has become an integral part of business.

Under the guidance of the New Jersey Office of Recycling, the Claridge has developed a system whereby all food wastes and glass from their restaurant-casino operation are removed from the waste stream and recycled.

Food wastes are separated in the dish room and stored in 35 gallon containers. A southern New Jersey farmer removes the food waste and delivers it to his farm for swine feed. The Claridge currently recycles about four to six of the 35 gallon containers every day.

All glass bottles from the restaurant and casino are sent to the "empties room" where they are separated into clear and colored before crushing. The glass crusher was supplied to the casino free of charge in exchange for the glass cullet. Three 55 gallon drums of cullet are recycled at the Claridge every day.

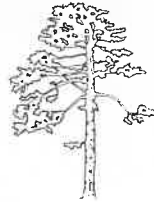
## Recycling Dinner Preview

Now is the time to make arrangements for this year's "Recycling in the 80's" dinner scheduled for November 20, 1983 at the Hyatt Regency in New Brunswick. By reserving tickets now you may save up to \$50 off the cost of a regular ticket.

A limited number (150) free "Guest" tickets will be available for mayors, legislators and freeholders. An additional 150 tickets are limited to "Recyclers" at \$18 per ticket. Any manager, coordinator or chief organizer of a recycling program is eligible for a "recycler" ticket. The remainder of the tickets will be available to any interested party at \$50 each.

Anyone wishing to reserve one or more tickets in advance, please contact Lauren Roman at 285-6183.

**KEEP THE SUMMER BEAUTIFUL. TELL A FRIEND, "PLEASE DON'T LITTER!"**



Initial start up of the recycling program did require extra equipment and labor expenses. However, according to Jack Kenny, Vice President of Operations, the success of the recycling operation will soon allow the Claridge to reduce their garbage collections from every day to every other day. At this point, Kenny explains, recycling will be a break-even operation.

The Claridge is also in the planning stages of expanding their program to include office paper and corrugated. They hope to have a baler for the new operation by the fall.

Morris County is probably not an area where food waste recycling would prove feasible. But glass and corrugated remain as a significant part of the restaurant/bar waste stream. Municipalities and local volunteer recyclers should encourage these establishments to recycle these materials. For information on markets for recyclable materials, contact Tim Edmunds at 285-6183.

## Special Congratulations

On behalf of the Morris County Board of Freeholders, I would like to extend a special congratulations to the 28 Morris County municipalities who have participated in the 1982 Recycling Grant "Tonnage Rebate" program.

The combined efforts of County residents, volunteers, municipal officials and businesses delivered a total of 27,725 tons of documented materials recycled in 1982. This represents approximately 83,175 cubic yards of landfill space spared through recycling.

The first distribution of grant monies to Morris County municipalities totaled \$55,700.00 and there is more to come. When these funds are reinvested into the enhancement of municipal recycling, it will bring Morris County nearer to our goal of 25% waste stream reduction through recycling by 1986.

We congratulate all municipalities on their grant awards and sincerely thank all of the people who make recycling in Morris County a success. Keep up the good work!

Sincerely,

Walter J. Luger  
Freeholder Director

## A Recycler's Reflection

"Recyclers are, for the most part, wonderful people. To a person, they are optimists by nature because municipal recycling is no place for the pessimist or the weak of heart. One recycler's reputation would be ruined if it became known that his baby wears disposable diapers. As for myself I'll never forget the time at a recycling center when I blithely threw my pop bottle I had just drained into the trash can."

*Chaz Miller (former employee of EPA's Resource Recovery Division)*

## Plastic... not so Fantastic ?

It is no easy job for individuals and municipalities to recycle plastics. For a complete report on plastic recycling conditions in Morris County, look for our Autumn, 1983 issue.

## SWAC Tours Transfer Stations

On June 17, 1983, the Morris County Solid Waste Advisory Council (SWAC) and the Solid Waste Staff visited the Greenwich and Darien transfer stations in southwest Connecticut.

Transfer stations are facilities where a designated service area delivers its solid waste. The solid waste is then transferred into larger vehicles for transport to a disposal site.

The Greenwich and Darien facilities represent 2 of a 4 station system. The buildings are owned by the Connecticut Resource Recovery Authority (CRRA) and operated privately under contract.

The Greenwich facility is located in the city's old incinerator building and is capable of processing 400 tons per day (TPD) into 65 cubic yard trailers. The municipal waste is dumped onto the "tipping floor" where it is pushed by front end loaders into chutes which feed the compactors. Net capacity for each trailer is 17 tons. Tipping fee at the transfer station is \$32.80/ton which includes a \$17/ton tipping fee at the Milford Landfill, 45 miles away.

The Darien transfer station is a new facility built around 1979 behind the town's public works garage at a cost of \$900,000.00. Here, the municipal waste is dumped directly from the collection vehicle into an open pit which feeds the compactors. The Darien station is capable of handling 300 TPD of municipal solid waste.

Both transfer stations also featured recycling depots, compost facilities, and bulky waste handling areas. The Greenwich station was located in direct proximity to single family houses and corporate centers. The continuous, ordered processing of all materials accepted has eliminated any complaints from these neighbors.

## Newsletter Articles

Does your recycling program include projects which would interest our readers? Do you have a new program you would like to see announced? Does a particular aspect of your program help to make it a success? If so, contact the editor at 285-6183 and your story may appear in a future issue!



Trucks dispose of municipal solid waste at the Greenwich transfer facility for transfer to 65 yd<sup>3</sup> vehicles for disposal at Milford landfill, 45 miles away.

## Municipal Update

**Butler:** The Mayor and Borough Council of Butler has appointed a five member Recycling Committee to propose a recycling program for Butler. Headed by Mr. Edward Silk, the committee foresees a municipally sponsored and volunteer run recycling depot as the most appropriate system to serve Butler residents.

**Chatham:** The Recycling Committee of the Chathams displayed a recycling float at the 30th Annual Firemans Parade on July 4th. This year's float displayed color separation of glass bottles to educate residents on the new preparation standards.

**Pequannock:** The Pequannock Township Council appointed a Recycling Committee at their July 12th meeting. The Committee will study the ramifications of both curbside and depot recycling and make a final recommendation to the Council for approval.

**Roxbury:** On July 1, 1983 Roxbury implemented their mandatory recycling program for newspapers, glass and aluminum. Actual program start-up began in May and June with collection of newspaper only. During the last week in June over 7,000 fliers announcing the July 1st full scale recycling date were hand delivered to each household.

Tonnage... Continued From Page 1

Municipality	Amount Awarded
Boonton Town*	\$ 3292.12
Chatham Borough	1826.89
Chatham Twp.*	1826.89
Chester Borough*	754.36
Chester Twp.*	206.17
Denville*	1955.78
Dover*	1101.79
Florham Park	1904.11
Hanover*	5231.39
Harding	1070.33
Jefferson	1843.19
Kinnelon*	2113.91
Lincoln Park*	1850.31
Madison*	3693.50
Mendham Borough	2009.64
Mine Hill	666.04
Montville*	1928.66
Mountain Lakes	641.91
Mount Olive*	873.62
Par-Troy*	8605.92
Passaic*	1856.64
Randolph*	5404.04
Roxbury*	1909.87
Washington*	1508.71
Wharton	1277.42

Municipalities marked with an \*, along with **Morris Twp., Pequannock Township and Rockaway Township** will receive additional funds in the second round of rebate distribution. These municipalities reported either commercial recycling activities (i.e. a supermarket recycling fat and bones), composting operations, or both. Selected auditing of these tonnages is now being conducted. Distribution of the remaining grant money is expected in late August.

The Voluntary Action Center, located in Morristown, interviewed 700 volunteers in 1982 for placement in a variety of agencies. By completing an application describing the position available, a municipality may locate a volunteer interested in that position. The Voluntary Action Center assigns volunteers under the titles of Administrative (Project Directors, e.g.), Service (ongoing, regular work), Temporary (special events, projects) and Youth (high school and college).

R.S.V.P. located in Morris Plains, currently employs 500 volunteers. These volunteers (many retired professionals) are 60 years or older, and prefer to work at least four hours every day. To obtain an R.S.V.P. volunteer, a municipality must contact R.S.V.P. and describe exactly what the needs for the recycling program are. After locating an interested volunteer, R.S.V.P. will set up an appointment between the potential worker and the municipal official involved in the recycling program.

Many of the Voluntary Action Center and R.S.V.P. clients are extremely talented and have the willingness and time to invest in a recycling program. Arrangements to acquire a volunteer for your recycling program may be made by contacting the following:

**Voluntary Action Center of Morris County**, 35 Elm Street, Morristown, N.J. 07960. (Jane Kruzan, Executive Director — tel.: 538-7200).

**Retired Seniors Volunteer Program**  
P.O. Box 371, Morris Plains, N.J. 07950. (Donna Earner, Executive Director — tel.: 538-7947).

## County Hires Recycling Intern

Since June 6, 1983, Morris County has added recycling intern Tim Edmunds to its Solid Waste staff.

A resident of Succasunna, Tim will help to expand recycling activities in Morris County by working with the County's industries. Tim has surveyed over 700 industries in Morris County requesting information on current recycling activities and soliciting interest in recycling materials which are currently a part of industrial waste streams. Thus far, 28 industries have received recycling information which could lead to the removal of over 1,500 tons of recyclable material from the large industrial component of county waste.

His efforts will also focus on providing assistance to municipalities in the areas of recycling program promotion and expansion.

This fall Tim will be entering his senior year at Shippensburg University, where his major is Geo-Environmental Studies with a minor in Urban and Rural Planning. Extra-curricular activities include the position of President of the Lambda Chi Alpha fraternity and membership in Gamma Tau Upsilon, an international honorary fraternity for Geographers.

*A Publication of  
The Board of Chosen Freeholders*

## New Publication

The New Jersey Office of Recycling has released a new informational brochure entitled *Recycle Your Tires... Buy Retreads*. The publication describes the tire disposal problem, the environmental and economical benefits of retreading, and all about retreaded tires and where to buy them. For free brochures, send publication request designating quantity desired to:

**New Jersey Office of Recycling**  
101 Commerce Street  
Newark, N.J. 07102  
648-6295

## Recycling Internships

Many local colleges require students to spend one full semester working in their field. Municipalities can hire an intern, cost-free, to work on recycling programs. The experience gained in an internship is invaluable to the career of a college student.

Contact your local colleges and universities for more information on internship programs.

## Mailing List

If you would like to be on our newsletter mailing list, call the County Planning Board at 285-6183.



## MORRIS COUNTY PLANNING BOARD

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