



“Class A” Recycling Facility Opens in Morris County

FCR Morris, Inc., a private recycling company located in the Mine Hill Industrial Park off Route 46 in Mine Hill Township, opened for business in January. The facility accepts and processes ten types of commingled recyclable materials.

Those materials are:

- Aluminum beverage & food containers
- Steel food & beverage containers
- Clear glass
- Green glass
- Amber glass
- PET plastic bottles
- HDPE pigmented plastic bottles
- HDPE natural plastic bottles
- Aerosol cans
- Paint cans (empty with lids removed)

The Morris County MUA has entered into an agreement with FCR which states that all materials listed above that are collected from municipalities in the MUA Curbside Recycling Collection Program will be delivered to FCR. In turn, FCR will pay \$5/ton for the first 5,000 tons to participating municipalities. The payments will increase as higher quantities are delivered. If any municipalities are not participating in the MUA Curbside Recycling Program or any haulers would like information about the program, they should call FCR directly at 201-328-7001.

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Household Hazardous Waste Disposal Day All Year Round! It's On Its Way...

In an effort to make managing household hazardous waste (HHW) more convenient for residents, Morris County is in the process of developing a permanent HHW facility which will accept hazardous waste from residents throughout the year. It will be located at the Morris County transfer station, which is on Gold Mine Road in Mt. Olive Township.

The facility will be open on Friday and Saturday mornings initially by

appointment only for Morris County residents and small quantity commercial HHW generators. The permanent HHW facility is expected to open in the summer of 1996.

In addition to developing this permanent facility, the MUA will continue to conduct periodic HHW disposal days as it has done in the past. This program will help to serve the eastern portion of Morris County.



Undaunted by ominous clouds overhead, Larry Gindoff is clearly pleased that so few items remain on the swap table at the conclusion of the September 16 Household Hazardous Waste Disposal Day.

"Ride the Recycling Bus!" Seminar Rolls on November 30



At the seminar for school administrators, facilities managers, and municipal recycling coordinators, Judy Murphy, MUA Recycling Specialist, and Raj Gona, summer intern, take the audience through a sample waste audit.



During a break, attendees exchange stories about their school recycling programs.



Nadine Bello, Marcal Recycling Coordinator, tells Paul Miller of the Morristown Partnership that Marcal is currently collecting polycoated paperboard (e.g., milk and juice cartons), aseptic drink boxes, frozen food packaging, and cake and dessert boxes.



John Caffrey of Wilenta Feed, Inc. sports a pig-covered tie, which is most appropriate since Wilenta collects and processes food waste for pigs to devour.

Sharing the Recycling Benefits

The objectives stated when the MUA opened the Recycling Consolidation Center in the Town of Dover in August 1991, were as follows:

- To supplement and complement existing municipal programs by accepting materials difficult to store and handle at the local level;
- To provide a convenient recycling outlet for those materials as they are generated by the commercial sector, particularly small businesses;
- To clean, glean and bale materials in truckload quantities to create highly marketable commodities; and
- To promote recycling by providing a convenient option for handling these traditional materials that are now part of all local programs.

To ensure a consistent supply of recyclable materials and to provide monetary assistance to municipalities for their recycling programs, an agreement was formulated encouraging the use of the Center by municipalities. The agreement specified that the municipalities which brought materials to the Center would be paid a 15% rebate for their proportionate share of the net revenue generated from the sale of the materials. The rebate percentage has recently been increased to 25% if MUA vehicles deliver to the Center and 45% if municipal vehicles deliver directly to the Center. Twenty-six municipalities currently have agreements to deliver materials to the Center.

The period from mid-1994 through mid-1995 was an extraordinary time for revenue generation. Prices for most materials hit all-time highs. Unfortunately, the economics of supply/demand determine market prices. As fast and high as prices rose, so have they fallen. Nevertheless, the important point is that recyclable materials are being recognized as important commodities. In fact, since

The following statistics demonstrate the success of the revenue – sharing program and the growth of recycling.

Year	# of Municipalities Participating	Total Tons Delivered	Revenues Paid to Participating Municipalities
1991	16	496.6	\$ 6,797.49
1992	25	7,147.9	10,720.15
1993	26	8,242.6	21,694.87
1994	26	9,082.8	78,965.69
1995	26	8,989.0	293,588.92
TOTAL		33,958.9	\$ 405,767.12

October 17, 1995, recyclable materials have been traded on the Chicago Board of Trade. The commodity exchange creation should add efficiency and stability to markets. What that means to the

municipalities of Morris County is that recyclable materials will be needed, and the MUA can continue to share revenues with its participating partners — the municipalities.



A “captivating” reuse idea: First grade teacher Ruth Herr removes some bottle and jar caps from a polyvinyl chloride (PVC) pretzel barrel to distribute to her students at Ironia School, Randolph. Mrs. Herr uses the barrelful of caps as manipulatives in the “Math Their Way” course. The children group the caps according to color, size, shape, texture, and then construct graphs based on the grouping. They also estimate how many caps are nestled in the barrel at a given time. Along with providing a practical reuse opportunity for the caps and the barrel, these experiences enhance the children’s understanding of mathematical concepts.

Municipal Recycling Personnel Update

Eileen Centalozza is the new recycling coordinator for Chatham Township, replacing Jim Robertson who retired after several years in that position.

Ed Pullan has moved as administrator from Montville Township to Jefferson Township, replacing **Bob Cutler**. Both Ed and Bob also held the titles of recycling coordinator; however, new recycling coordinators have not yet been named for either municipality.

A new addition is Paul Miller of The Morristown Partnership, who is assisting Jim Cutler with Morristown's recycling education program.

Morristown Commercial Recycling Program

The Morris County Curbside Recycling Program expanded its commercial pickup program this year to include businesses in Morristown. Richard Bishop, a consultant to the Morristown Partnership, and Judy Murphy, recruited several businesses to participate in the program. The Bishop/Murphy team visited the businesses and later sent out brochures and schedules. The commercial pick-up schedule is either (1) every other week, (2) once a week, or (3) once a month, depending upon the size of the business and how many recyclables are generated.

This is the culmination of a two-year study on small business recycling, funded by an NJDEP grant. A commit-

tee consisting of the following was formed: small business owners, waste haulers, state, county and municipal staff, and members from the Tellus Institute. Various options were discussed — from having a private hauler pick up all the businesses, to having the town collect the recyclables. A door-to-door survey was done by the environmental club at Morristown High School, a letter from the mayor was sent out, and a telephone survey was also conducted. The results showed that some businesses were already dealing with the recyclables by having a hauler collect them on site, or the business was delivering them to the Morristown Recycling Depot on Lake Road. Others who were not recycling did, however, exhibit good "green" interest by expressing a desire to recycle.

Out of all the options available, the MUA, with its existing residential and commercial curbside programs, was decided to be the best suited for the pickup. The program started operating in June, and as of December 1995 there were 22 businesses of all sizes participating. Approximately three tons of recyclable materials have been picked up since the program started. Handling the billing is Kathleen Hourihan, MUA employee. Recruiting of businesses will continue this year.

A business interested in participating in the recycling program may contact either Judy Murphy at (201) 285-8393 or Paul Miller at (201) 292-1116.

Morris County MUA on the Information Superhighway

Look for the MUA home page on the Internet's World Wide Web. The address is:

<http://www.cns-nj.com/morris/mua.html>

For more information, e-mail us at lgindoff@ios.com



Herbert Franke, a member of the board of directors of the ARC/Morris County Chapter, presents the Employer of the Year Award to Glenn Schweizer, Executive Director of the Morris County MUA. Also pictured at the ARC's annual dinner meeting are (l. to r.) Vince Novak, District Recycling Coordinator; Joe Florio, Warehouse Supervisor; and John Ciaramella, Superintendent, Recycling Operation/Recycling Consolidation Center. (photo courtesy of Stella Hart, Inc./Roberta Harley)

Morris County MUA Service Update

Transfer Stations:

The MUA has just successfully completed its first year of operating the two transfer stations. One of the transfer stations is located on New Road in Parsippany - Troy Hills, and the other transfer station is located in Mt. Olive Township on Gold Mine Road. These two transfer stations receive waste from local trash haulers and contractors for eventual trucking to out-of-state landfills.

The law requires that all garbage generated in Morris County, with the exception of construction and demolition debris, go through these transfer stations. In addition, the law states that waste haulers must transport garbage to authorized facilities. To find out about using the Morris County transfer stations for waste disposal of setting up an account, call (201) 829-8585.

Curbside Recycling Collection Service:

The MUA operates its own curbside recycling collection service for Morris County municipalities. Currently, 12 municipalities enjoy this comprehensive recycling service. Benefits of contracting with the MUA for curbside recycling include very competitive pricing, free hauling of materials from the municipal recycling depot to market, the ability to commingle virtually all materials, documentation of recycling tonnages and cash back in the form of recycling rebates for materials delivered to market. With all of these benefits, it is difficult for a town to find a better deal, the MUA believes. For information about the service, call (201) 285-8392.

"Class A" Recycling

(continued from page 1)

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The Morris County Recycling Consolidation Center in Dover will continue to accept all fibrous materials, including newspaper, corrugated cardboard, junk mail/magazines, office paper, chipboard/grayboard (gift boxes, shoe boxes, etc.), brown paper bags and polycoated milk and juice cartons.

MUA's Larry G. is the Catalyst for a "Lighter Side" Award Category

The "Picric Acid" Award, given annually by the North American Hazardous Materials Association, is so named because of Larry Gindoff's involvement in a nearly volatile situation at a Household Hazardous Waste Day. Fortunately, proper safety precautions were taken and no one was hurt when someone delivered that kind of acid.

New Staff Member Joins the MUA

Laura Osborne recently joined the MUA team as a solid waste planner. Laura, a graduate of the Rochester Institute of Technology Environmental Management Program, assists the MUA in planning and implementing solid waste, hazardous waste, and recycling programs. Her phone number is (201) 829-8006.

A Line on Some Lingo

The MUA office recently had an inquiry about the meaning of "white goods," a term which is included on the list of Morris County mandated recyclable materials.

In the event that anyone else is curious about the meaning of that term, **The Recyclers' Lexicon: A Glossary of Contemporary Terms and Acronyms** defines "white goods" as follows: A generic term for obsolete major appliances such as refrigerators, water heaters and stoves. The term derives from the white enameled metal used in many appliances.

WANTED...

A home for reusable "people-sized" bags of mixed packaging peanuts.

Please call Mary, the Environmental Health and Safety Consultant for Hewlett-Packard Company in Rockaway, at (201) 586-5898 if you'd like to avail yourself of some of this clean packaging material.

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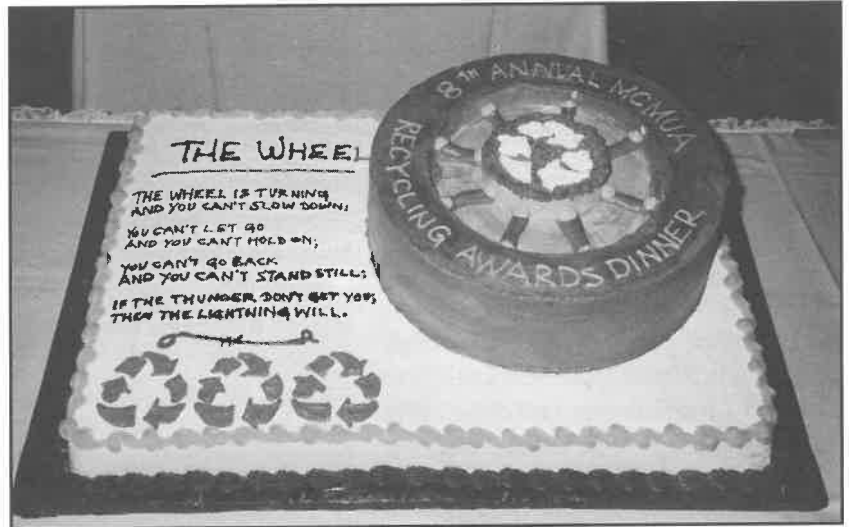
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Eighth Annual "Wheel" Excitement Generated As County Honors Its "We-cyclers" Recycling Awards Dinner Staged on November 1, 1995

The wheel is turning and you can't slow down,
You can't let go and you can't hold on.
You can't go back and you can't stand still.
If the thunder don't get you, then the lightning will."

—from the song "Wheel," music by
Jerome Garcia, lyrics by Robert Hunter

The song titled "Wheel" appears in edible form,
created by Hy Nadel, the Cake Man, who also
chairs the MUA Board of Directors.



Steve Bernstein, Marty Reisinger and Ed Sroczyński, collectively known as Shot of Redemption, entertain the audience with "Wheel" and other songs.



Accepting certificates of achievement for substantial adherence to Morris County recycling requirements are these municipal representatives: Back row (l. to r.): Debra Ward, Roxbury; Mark Aluzzo, Kinnelon; Doug Smith, Madison; Steve Ransome, Boonton Twp.; Joe Lowell, Denville; Richard Walter, Morris Twp.; Herb Berman, Mt. Olive; Hal Birmingham, Morris Plains. Front row (l. to r.): Clem Ferdinando, Randolph; Sue Ruiz, Rockaway Twp.; Sylvia Banbor, Rockaway Borough; Karen Becker, Butler; Rich Lovallo, Lincoln Park; Steve Koval, Boonton Town; Sarah Jane Noll, Chester Twp.; Penny Newell, Mendham Twp.; Joe Barilla, Chatham Twp.; Pete Cuozzo, Parsippany. Additional recipients were Hanover Twp., Mendham Borough, Pequannock and Riverdale.



Vince Novak; Joan Bramhall, Freeholder Director; and Muffy Gutshall, member of the Morris Plains Recycling Committee and recipient of the Creative Energy Award, chat before the awards ceremony begins.



Glenn Schweizer presents the Inter-Agency Cooperation Award to Ed Milewski, Senior Agricultural County Agent, for his participation in the Morris County Master Composter Program.

The "Top of the Heap" Vermicomposting Award goes to Lauren Meier, a fourth-grade teacher at Lakeview School, Denville. Lauren and her class had an exemplary redworm composting project in their classroom.



Russell Kendig of Hanover Township (center), with his Adept Master Composter Award, is flanked by Vince Novak and Glenn Schweizer.





Nabisco Foods Group employees Bill Lane, Campus Manager, East Hanover Facilities (l.) and David Haggerty, Manager, Operations Facilities, accept the Corporate Award for the thorough recycling/reuse program at the East Hanover cam-



Wendy Parsons accepts the Small Business Award on behalf of Joe Matkowski, owner of J&M Plant & Wicker Imports, Madison. Joe saves plastic flower pots and trays which are collected and recycled by a West Virginia plastics firm.



Stephen Mountain, Assistant Manager in Randolph (l.) and Joseph Sauder, Senior Television Producer-Director at the County College of Morris, pose with their Education and Public Information awards given for the cable TV public service announcements which they created.



Marty Epstein, owner of Marty's Reliable Cycle and winner of the Recycle the Cycle Award, shows Glenn Schweizer his trusty "shop bicycle." Marty collects used bicycles which are then donated to the Pedals for Progress Program.





(left) Penny Jones models "Lady Who Lunches," the Philadelphia College of Textiles and Science third place winner in the 1995 Wellman Award for Design Excellence contest. PCTS student Thuong Ringel designed "Lady...."



The models (all of whom are wearing clothes or accessories made from recycled material) gather together after taking the final walk down the runway. (l. to r.: Penny Jones, Gerald Ratliff, Laura Osborne, Louise Abato, Larry Gindoff, Gary Rieth, Judy Murphy, Kathleen Hourihan, Joan Bramhall.)

Assemblyman Art Albohn, Legislative District 25, currently chairs the Assembly Solid and Hazardous Waste Committee. He also was a co-sponsor of the state source separation and recycling law which was signed by Governor Kean on April 20, 1987. He is the recipient of the "Can Do" Approach to Recycling Award. (Note: Assemblyman Albohn retired at the end of 1995.)



Modeling a tee shirt and a cap made from recycled soda bottles is Gerald Ratliff, MUA Curbside Operations Manager.



Dolores Madison, secretary at the Randolph Department of Public Works and Engineering, receives the special "Star Recycler" Award for all of the energy and enthusiasm which she has voluntarily devoted to the Randolph recycling program.



Sergeant Steve Ackerman of the Office of the Morris County Sheriff receives the Appreciation Award for all of the hours which he, along with other officers, has spent at the household hazardous waste disposal days sponsored by the MUA.



Mt. Olive Twp. is a good neighbor to all of the other municipalities in Morris County because it currently serves as a site for one of the transfer stations where the permanent HHW facility will be located. Recycling Coordinator Herb Berman holds the Good Neighbor Award plaque.



Sylvia Banbor, Rockaway Borough Recycling Coordinator, smiles as she is named recipient of the Persevering Recycling Coordinator Award.



Stellar Recycling Coordinator Award winner Karen Becker of Butler wears jewelry which is coordinated with the name of her award; note the star pin on her left lapel.



With the Devoted Volunteer Award plaque are Long Hill Township First Aid Squad members (l. to r.) Helen Eckel, Chaplain, Martha Wyatt, Vice President, and Irene Sacks, President.



Dr. JoAnn Hino, Principal of Cedar Hill School, Montville, accepts the Education Program Award on behalf of the Blue Sky Committee which conducted an intensive environmental consciousness-raising program during the spring of 1995.



And there were door prizes, too! Gerry Grube (l.) an AT&T employee who received the "High-Tech" Reuse Award, also took home the recycling container which Laura Osborne is handing to him.

The shutterbugs who took the photos which appear in this newsletter are
Ed Byrnes,
Kate Coronari,
Jim DelGuidice and
Larry Gindoff

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INSIDE...

- Memories of the 8th Annual Recycling Awards Dinner
 - Morris County's Permanent HHW Facility
 - FCR's Arrival
- ...AND MUCH, MUCH MORE!

Name the Newsletter Contest!

We would like to change the name of our newsletter.
Any ideas? Submit a choice and the winner will receive
a prize! Call Laura at 829-8006
or fax your suggestions to (201) 285-8397.

RESOURCE RECOVERY REPORT

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Solid Waste Division
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