

The WRAGTIMES

The Water, Recycling And Garbage Times

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April 22, 2005: 35 Candles Adorn the Birthday Cake

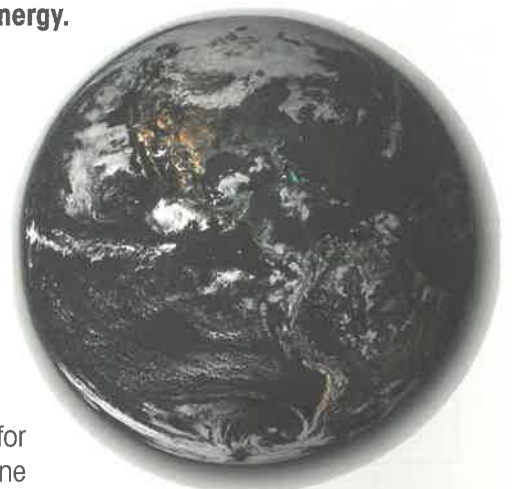
April 22, 2005, is the 35th anniversary of Earth Day. April 22, 1970, the first Earth Day, is known as the day on which the environmental movement in the United States was born.

According to the Web site www.earthday.net, "the first Earth Day led to the creation of the U.S. Environmental Protection Agency (established in July 1970), the passage of the Clean Air Act, the Clean Water Act and the Endangered Species Act."

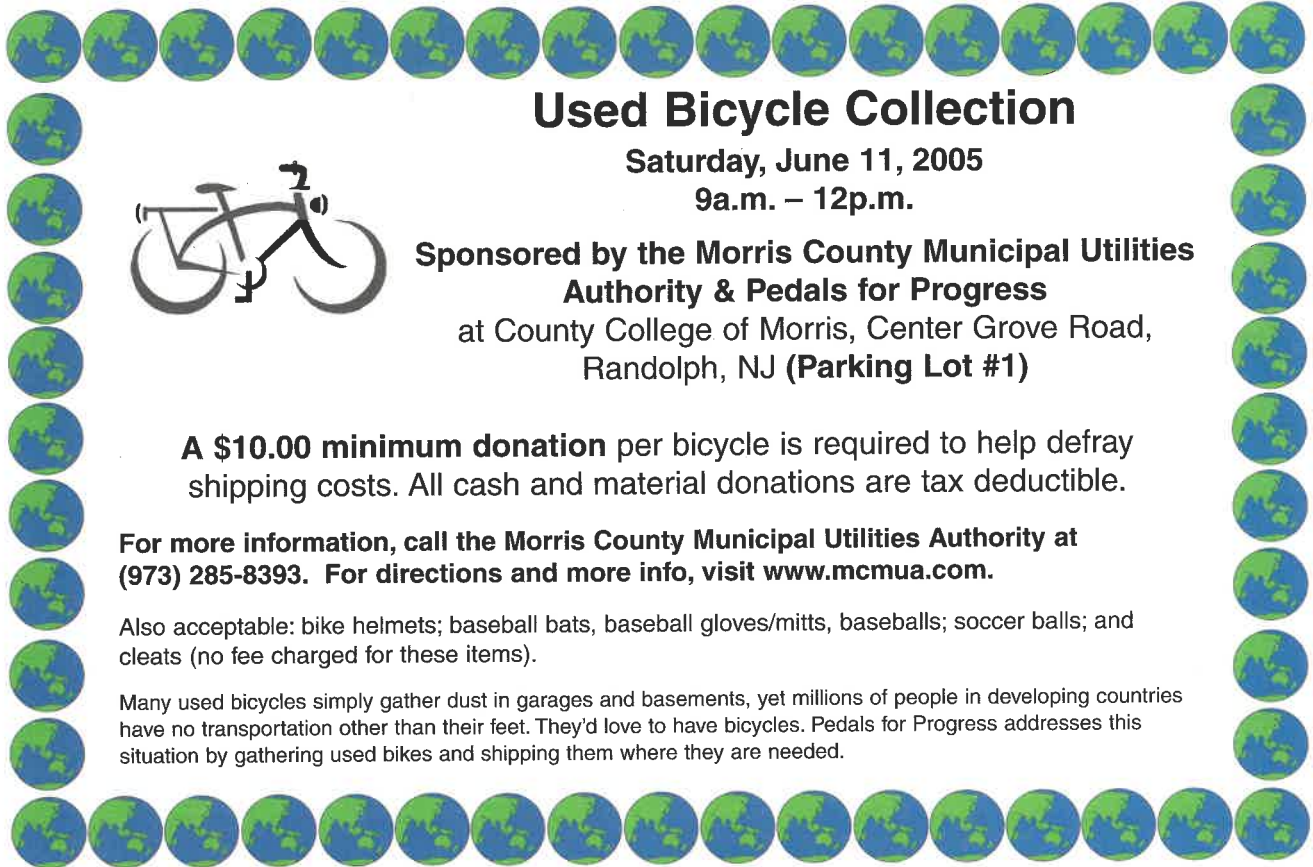
Here are seven ways to celebrate Earth Day 2005 in a personal way:

- **Become familiar with your town's recycling requirements, and be sure to recycle properly.** If you don't have this information, call your town to request it or visit your town's Web site. Read this information carefully! Avoid putting anything into your recycling bin that is unacceptable. Please note that the only kinds of plastics that are acceptable in most Morris County municipal recycling programs are bottles coded with a #1 or #2. If you have questions, call your local recycling coordinator.
- **The next time you see litter, pick it up and take it to a garbage can.** Unfortunately, much litter eventually finds its way into storm drains whose contents flow directly into streams, rivers and oceans, polluting those bodies of water.
- **When you mow the lawn, Cut It and Leave It!** Call 973-285-8394 to request a brochure that explains how to mow your lawn properly by leaving the clippings on the lawn instead of bagging them. In addition, we can send you a brochure about backyard composting. If you compost vegetable waste from your kitchen, you can use the resulting compost in your garden or around trees and shrubs.

- **Donate reusable items or sell them on Internet sites rather than throw them away.** In Morris County, Good Will, the Market Street Mission and the Salvation Army, along with a variety of thrift shops, accept used clothing, household items, etc. Internet sites such as eBay and Freecycle.org are vehicles through which material can be sold and given away, respectively. If you have used bicycles that you no longer want, donate them to Pedals for Progress (see page 2 for details about a June 11th bicycle collection event).
- **Clean out old herbicides, pesticides, paints, stains and other hazardous materials you've accumulated over the years.** Our household hazardous waste facility is open most Tuesday, Friday and Saturday mornings by appointment only. Call 973-829-8006 to make an appointment. See page 3 for information about upcoming household hazardous waste and computer/TV drop-off events.
- **Conserve water.** We may not be in the midst of a drought right now; however, quite recently we were, and droughts do occur in warmer weather (think: summer). Visit www.earth911.org for specifics on water conservation.
- **Consume less energy.** Turn off lights, televisions and other appliances when you don't need to use them. Turn the heat down prior to going to sleep or when you leave your home. If you're shopping for a new car, buy one that gets 30 mpg or more.



Got Used Bicycles? Need Compost or Mulch? Want to Nominate Someone for an Award? If So, There Are Opportunities for You!



Used Bicycle Collection

Saturday, June 11, 2005
9a.m. – 12p.m.

Sponsored by the Morris County Municipal Utilities Authority & Pedals for Progress
at County College of Morris, Center Grove Road,
Randolph, NJ (Parking Lot #1)

A \$10.00 minimum donation per bicycle is required to help defray shipping costs. All cash and material donations are tax deductible.

For more information, call the Morris County Municipal Utilities Authority at (973) 285-8393. For directions and more info, visit www.mcmua.com.

Also acceptable: bike helmets; baseball bats, baseball gloves/mitts, baseballs; soccer balls; and cleats (no fee charged for these items).

Many used bicycles simply gather dust in garages and basements, yet millions of people in developing countries have no transportation other than their feet. They'd love to have bicycles. Pedals for Progress addresses this situation by gathering used bikes and shipping them where they are needed.

Compost and mulch for sale at "dirt cheap" prices

Morris County residents may order screened compost and double-ground wood mulch by calling 973-285-2928 or 973-631-5185. Because April to June is the busy season for ordering compost and mulch, we ask residents to be very patient when ordering. Deliveries will begin in late April 2005, and continue through early October 2005.

Home delivery free with purchase:


Screened Compost

- 5 cubic yards = \$85.00
- 8-10 cubic yards = \$140.00

Wood Mulch

- 5 cubic yards = \$65.00
- 8-10 cubic yards = \$100.00

The Faces of Recycling
The 18th Annual Morris County
Recycling Awards Dinner
Friday, November 4, 2005
Hanover Manor, East Hanover, New Jersey



To request more information or a nomination form, call 973-285-8395.

New Hazardous Waste Coordinator Tom Burbridge Sees Clear Skies Ahead

Although he was born during a thunderstorm, Tom Burbridge, the new Morris County hazardous waste coordinator, envisions clear skies ahead for the hazardous waste program.



Tom models "Stripes Forever," a vintage vest purchased at the Morris Thrift Store in Dover that has been embellished with yellow strapping from packages delivered to Bath Unlimited in Randolph. (photo by Pam Hasegawa)

Tom has a long history of involvement with hazardous waste. During his 24-year tenure at Novartis (once known as Sandoz) in East Hanover, his responsibilities at different times included the following: overseeing the collection, storage, shipping and disposal of hazardous and solid

waste; serving as the site shift manager, an emergency response position created as a result of damage that had occurred on a 100-mile stretch of the Rhine River; working in the wastewater treatment department; and, wearing the hat of the health, safety and environmental specialist at the East Hanover, Summit and Suffern, NY, sites.

Tom says that over the years many people have viewed hazardous waste simply as trash - something to be tossed into the garbage - but that as a result of heightened awareness, more and more residents are trying to dispose properly of that kind of waste.

"One man who lives in another county drove all the way to our permanent facility to drop off just one thermometer containing mercury. And he even had to pay to leave it with us," Tom recalls.

"When I first began working here in August 2004, I felt I'd died and gone to heaven. But then the vest episode occurred and reality set in," Tom said, in tongue-in-cheek manner as he reflected on the six months he's worked at the MCMUA. (Note: Tom is a very good sport, as evidenced by his modeling a black vest trimmed with strips of bright yellow strapping at the 2004 Morris County Recycling Awards Dinner.)

Household hazardous waste & computer/TV drop-off events for Morris County residential waste are scheduled

First event: Saturday, June 18, 2005, 9 a.m. – 2 p.m.

Morris County Firefighters & Police Training Academy • 500 West Hanover Avenue, Parsippany, NJ

Second event: Saturday, September 10, 2005, 9 a.m. – 2 p.m.

Morris County Firefighters & Police Training Academy • 500 West Hanover Avenue, Parsippany, NJ

Third event: Sunday, November 6, 2005, 9 a.m. – 2 p.m.

Jefferson Township Department of Public Works • 1033 Weldon Road, Lake Hopatcong, NJ

Cost: No charges, with the exception of the following:

- Computers/monitors, televisions, printers, scanners, phones, fax machines
\$3/item or \$5/computer and monitor or laptop.
- Propane and helium cylinders (bbq-sized or smaller) -
\$5/20-lb. cylinder or helium tank (no charge for smaller cylinders).

Very important: No latex paint accepted.
No commercial, institutional or non-residential waste accepted.

Questions? Call 973-829-8006 or visit www.MCMUA.com.



Question: What Has Morris County Been Doing? Answer: Raising the Environmental Bar

Water

Between 1974 and 1997, the MCMUA developed the Alamatong Wellfield consisting of six wells with a combined diversion of 128 million gallons per month (mgm).

In 1991, the MCMUA developed the Flanders Valley Wellfield consisting of two wells with a combined diversion of 72 mgm.

In 2004, the MCMUA launched a habitat restoration program at Alamatong Wellfield intended to rid the area of invasive exotic plant species. The program also involves the planting of native grasses.

The MCMUA supplies water to several municipalities and to two private water companies.

Statistic: Since 1970, the MCMUA has constructed over 25 miles of 12" through 24" transmission main, five water storage tanks with a combined storage capacity of 14 million gallons, three pumping stations and ten meter pits throughout west central Morris County.



The well-maintained pump room at Markewicz Pump Station contains high-capacity pumps that deliver water to MCMUA customers.



This is just one sign that illustrates the effort the MCMUA makes to protect the water supply.

Open Space

In 1995, the MCMUA launched a major initiative to acquire key properties within the wellhead protection area for both its Alamatong and Flanders Valley wellfields.

As of March 2005, the MCMUA has acquired approximately 400 acres of valuable water resource property

lying within the Raritan River Basin. In addition, the MCMUA has partnered with other interested parties to acquire important recharge properties within the headwaters in this basin.

The MCMUA has also acquired properties in the Passaic River Basin to help protect existing and future wellfields there, one of which includes the Rockaway Basin Wellfield currently under construction by the MCMUA.

Statistic: The total to date exceeds 1,000 acres of protected water resource property.

Solid Waste

Between 1972 and 1984, the four landfills where most Morris County waste and some out-of-county waste was deposited, closed: Sharkey's, Combe Fill South, Combe Fill North and Hamm's.

In 1979, Morris County submitted its first solid waste management plan to the state.

As early as 1981, the state ordered the county to site a landfill within its borders. In 1982, the county identified Site 5-5 in Roxbury but withdrew that proposal based on environmental concerns.

In 1985, the state mandated the development of Site 6-1B in Rockaway Township for a landfill and a waste-to-energy (w-t-e) facility. Again, because of concerns regarding the potential impact on surface and ground water, that project was unrealized. Another contributing factor was a change in the state's policy regarding w-t-e facilities.

In 1988, Morris County Transfer Stations, Inc. (MCTS) opened transfer stations in Mt. Olive and Parsippany where waste was transferred into large vehicles prior to being delivered to a Pennsylvania landfill.

The MCMUA purchased the transfer stations from MCTS in 1993. The transfer stations continue to operate, and waste is still taken to Pennsylvania.

Statistic: The amount of solid waste managed at the transfer stations between 1988 and the end of 2004 totaled just under six million tons.

Household Hazardous Waste

In May 1985, the first Pesticide Disposal Day was held at the County Garage in Hanover Township.

Since then, numerous one-day drop-off events for household hazardous waste and consumer electronics have been staged at the Morris County Firefighters & Police Training Academy, as well as at several municipal locations.



At the Mt. Olive Transfer Station, a front-end loader pushes waste towards the tunnel where a tractor-trailer is parked. When the tractor-trailer is full, the waste will begin its journey to Pennsylvania for disposal.

ing Since April 22, 1970, the First Earth Day? onmental Flag, Of Course!

In April 1998, the permanent household hazardous waste facility opened, and in 2004 the first one-day collection event solely for consumer electronics took place at the Firefighters & Police Training Academy.



Used consumer electronics are stored in clamshell containers at the hazardous waste facility prior to being transported to a demanufacturing facility.

Statistic: Between December 2003 and the end of November 2004, 4,091 customers delivered a total of 135,073 pounds of consumer electronics and 283,971 pounds of hazardous waste to drop-off events and the permanent facility.

Vegetative Waste Processing

Vegetative material such as brush, wood chips, leaves and grass has been processed since the late 1980s at the Morris County regional vegetative waste facilities in Mt. Olive and Parsippany.

Leaves and grass are composted, and brush and wood chips are turned into mulch. Using compost, often referred to as "black gold," helps to rejuvenate and restore the soil. Using wood chips minimizes weed growth, reduces water evaporation and makes an attractive groundcover.



Steam escapes from a windrow (a large pile of vegetative material). Before too long, the contents of the windrow will evolve into screened compost.

After the material is processed, it is available for sale to commercial landscapers and bulk haulers. In addition, it is delivered to county residents for a nominal fee.

Statistic: During 2004, 78,000 cubic yards of vegetative material was processed, and 41,200 cubic yards were distributed and/or sold throughout the county.

Recycling

Morris County was one of the first counties in New Jersey to include mandated recycling in its solid waste management plan by requiring all municipalities to pass mandatory recycling ordinances by September 1, 1985.

In 1986, the Morris County Curbside Recycling Program (MCCRP) began collecting newspapers at curbside in



Three MCCRP employees collect newspapers: Ken Smith, James Britton and Felipe Garcia.

several municipalities with the help of the Occupational Training Center. MCCRP currently collects bottles, cans, newspapers, mixed paper, corrugated cardboard and chipboard at curbside in 15 municipalities.

In April 1987, Governor Thomas Kean signed the Statewide Mandatory Source Separation and Recycling Act into law. Assemblyman Arthur Albohn, a Morris County legislator, was a co-sponsor of that law.

By 1990, 20 Morris County municipalities, along with the MCMUA, were involved in the Clean Communities program, the litter abatement effort sponsored by the state. Recyclable material that is collected during Clean Communities litter pick-ups is to be recycled.

In 1991, the Morris County Recycling Consolidation Center opened, accepting recyclables from businesses and municipalities.

In 1996, FCR Morris, Inc., a private recycling company that processes bottles and cans in Morris County, celebrated its opening at a ribbon cutting ceremony.

Statistics: Clean Communities – Between April 2003 and the end of November 2004, 21,220 pounds of waste and 14,725 pounds of recyclables were collected during litter cleanups in Morris County. Recycling - Between 1988 and the end of 2004, the amount of material recycled in Morris County was six and a half million tons.



Early one morning, bottles and cans, corrugated cardboard, mixed paper and newspapers wait at curbside for the MCCRP crew to arrive. (photos by Kate Coronari)

The Sounds of Recycling



Fifteen Awards Presented at "The Sounds of Recycling" on November 5, 2004

The MCMUA Presented the Following Awards for Exceptional Achievement at the 17th Annual Morris County Recycling Awards Dinner:

Individuals Who Have Made A Difference Awards

Styro-Gyro

Jaclyn Vanderhoof, Randolph

D. Queen Bee

Donna Bangiola, Morristown

It's Scout of This World

Boy Scout Troop 173, Parsippany

Roads Scholar

Hank Muller and Bob Riker, Denville

Testa-ment to Recycling

Jerry Testa, Long Hill

Eye of the Tiger

Rocky Metzger, Jefferson

Recyclers' Watchdog

Russell Santos, Mt. Arlington

Vivace Recycling Coordinator

Patty DiCenzo, Boonton Township



Patty DiCenzo, Boonton Township recycling coordinator, poses with the Vivace Recycling Coordinator Award that she has accepted from Art Nusbaum, MCMUA Board member.



The Lake Road Irregulars, recipients of the "Why pay?" Award are experts at foraging through cast-offs to cull reusable material. Here they pose in their "Why pay?" tee shirts: reclining, Derek Polzer, Morristown recycling coordinator; standing (l. to r.), David Greene, Fred Finlay, Phil de Pompignan, Mark Wolkoff (a high school friend of Derek's who provided a little music) and Erik Kellner. (Not pictured: the Rev. Prince Martin)

Education Award

Subtracting the Waste-Making a Difference

Mary Ann Lynn, Montville

Business Awards

Whispering Success

The Quiet Man Irish Pub, Dover

Saving Motherboard Earth

Intel, Parsippany

Municipal Awards

Pedaling Soles

Denville Recycling Staff

A Sharp Crew

Chatham Borough Environmental Commission

"Why pay?"

The Lake Road Irregulars

Special Award

Cops and Recyclers

Sheriff's Labor Assistance Program



Miranda McMua the mannequin enjoys the company of two famous guests: President Abraham Lincoln (Don Budis of Rockaway Borough) and President George W. Bush (W. Randall Bush, first assistant Morris County Counsel).



MCMUA Board member Ted Eppel prepares to give the Pedaling Soles Award to the Denville recycling staff. Three months later when Ted was assigned to the Morris County Planning Board, he was lauded for giving almost 25 years of service to the MCMUA. For five years, he served as board chairman, and for nine years, he chaired the water committee.

(photos by Pam Hasegawa)

Dollars Abound: Morris County MUA Pays \$133,865 to Municipalities for Recyclables

Twenty-two Morris County municipalities have received a combined total of \$133,865 for the 19,903 tons of recyclable materials they sent to the Morris County Municipal Utilities Authority Recycling Consolidation Center in Dover, combined with other materials marketed through agreements with the MCMUA in 2004. The amounts each municipality received are listed below.

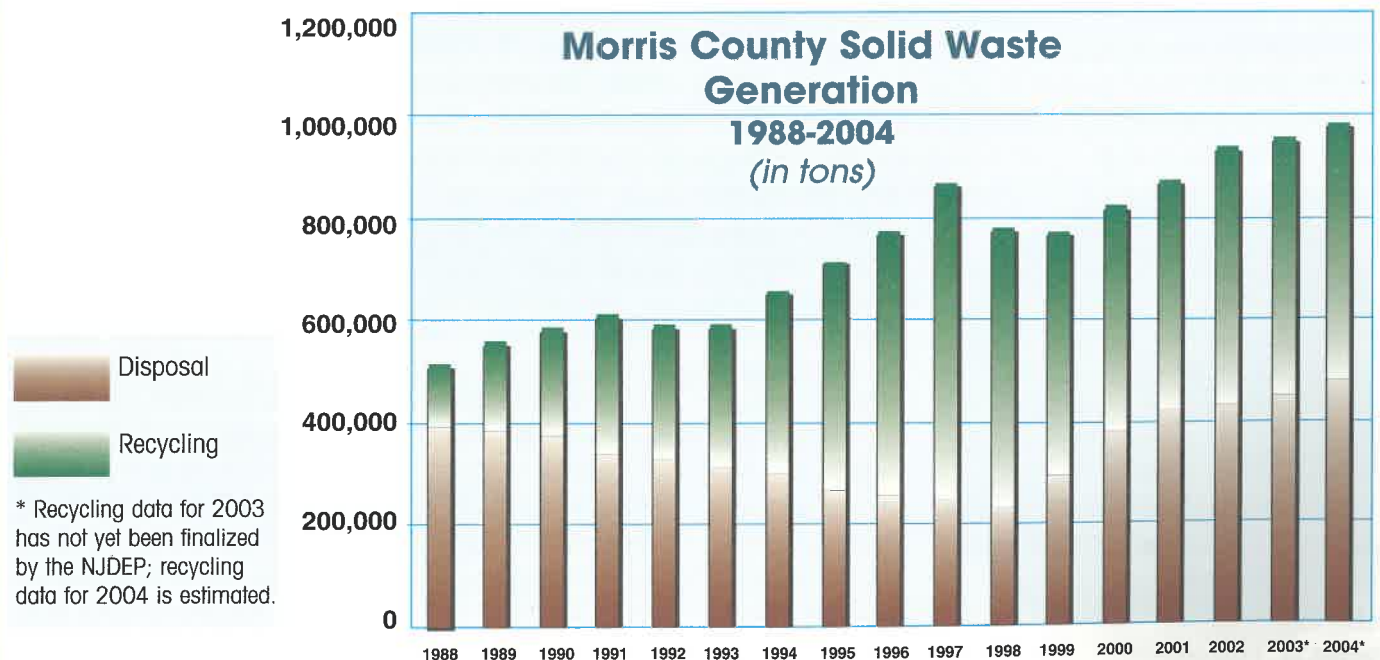
"Market conditions in 2004 were relatively strong, resulting in good prices for commodities. We have our fingers crossed that the same will hold true in 2005," said Kathleen Hourihan, district recycling coordinator.



	Municipality	Total Year 2004	
		Tonnage	Payment
1	Boonton Town	1,124.54	\$5,894.33
2	Boonton Township	562.03	\$3,655.62
3	Chatham Township	1,271.92	\$7,563.60
4	Chester Borough	232.37	\$1,407.70
5	Denville	2,381.11	\$15,231.04
6	East Hanover	1,242.29	\$7,560.76
7	Florham Park	1,148.09	\$7,811.86
8	Hanover	2,064.00	\$12,076.30
9	Mendham Borough	807.19	\$4,807.94
10	Mendham Township	1,081.01	\$7,009.25
11	Morris Plains	876.35	\$5,687.60
12	Morris Township	174.86	\$2,936.74
13	Morristown	1,164.64	\$5,085.00
14	Mt. Arlington	155.03	\$1,113.89
15	Mt. Olive	2,314.33	\$18,449.70
16	Netcong	422.15	\$3,221.54
17	Picatinny Arsenal	5.31	\$81.97
18	Rockaway Borough	746.50	\$4,738.73
19	Rockaway Township	365.27	\$7,539.08
20	Roxbury	920.21	\$7,824.17
21	Washington	217.44	\$1,667.32
22	Wharton	626.51	\$2,500.86
	Total	19,903	\$133,865

Shades of blue and green: The Morris County Municipal Utilities Authority provides drinking water (see the drop of water) and safe disposal of solid waste (represented by the green recycling symbol) in Morris County. And sometimes there's a different kind of green: See the article above, headlined "Dollars Abound...." (photo by Kate Coronari)

Graphically speaking...



MORRIS COUNTY



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**The Morris County Municipal
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**Wragtimes Editor
MCMUA
PO Box 370
Mendham, NJ 07945-0370**

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