



Green Fuels Revolution is Underway in Atlantic County

Area's first publically accessible natural gas station is open for business

By: Joanna Underwood, President, Energy Vision

For the millions of Americans who looked with distress at the damaging oil spill in the Gulf of Mexico and who are wondering how long our country's addiction to oil will last – hope is right here in Atlantic County!

The Atlantic County Utilities Authority's (ACUA) launch of a compressed natural gas (CNG) refuse truck initiative this year, marks a bold new direction toward a cleaner environmental future and greater energy security for the County. By putting into operation the County's first five new CNG trash trucks, and its plan to add 10 more CNG trucks this coming year, the entire waste collection fleet will ultimately be converted from petroleum-based diesel fuel to much cleaner domestic natural gas. The fast-fill fueling station, which is now open for business, is essential for powering these trucks. It is also enabling the first Atlantic City CNG jitney buses to go into operation, having a place for them to refuel until their own refueling station is ready, as well as enabling other public and private fleets (to whom the station will be available) to consider a shift to natural gas.

This natural gas initiative (when 15 refuse trucks and 190 Atlantic City Jitneys are all

converted to CNG) will cut the region's air pollution significantly, protecting the health of residents and that of those who drive and work with the fleet vehicles. It will also eliminate the need for one million gallons of diesel fuel a year. Furthermore, the new refueling infrastructure and the CNG vehicles using it will open the door for the future use of the first truly sustainable fuel – the renewable form of natural gas called biomethane. Biomethane can be made from the gases produced by many forms of organic wastes as they break down – in landfills, sewage treatment plants and agricultural operations. It is being produced in many European countries today and is fueling hundreds of trucks and buses in Sweden, Norway, France, Switzerland and Spain. Interest in this fuel is beginning to grow in the U.S. Every vehicle powered by natural gas will be equipped to make a virtually seamless transition to biomethane when supplies are available in the foreseeable future.

Atlantic County stands as a compelling model of how to address this country's oil addiction, including the vast economic, national security, environmental and health price that are communities are paying for. Change in the transportation sector is what matters. Transportation is where 55 percent of all the oil we consume goes - into the tanks of 254 million cars, buses and trucks. The place to start making this change is where Atlantic County is starting - with its bus and refuse truck fleets. While the 10 million buses and trucks operating nationwide make up just 4 percent of all vehicles, they consume 23 percent of all on-road transportation fuel. These vehicles generate 26 percent of all transportation greenhouse gases and 60 to 80 percent of the highway-related soot and nitrogen oxide emissions.

Congratulations to Atlantic County officials for their leadership; South Jersey Gas for its participation; Clean Energy for its support in encouraging this initiative and providing the refueling infrastructure essential for it; Crane Carrier and Cummins Westport for their high performance CNG



The ACUA compressed natural gas (CNG) station is the first in the area open to the public.

trucks, and the New Jersey Clean Cities Coalition which worked to obtain federal funds, helping cover the up front costs of implementing this project.

Joanna Underwood is president of Energy Vision, a New York-based, national non-profit organization that analyzes and promotes ways to make a swift transition to the clean, petroleum-free transportation fuels of the future.

For more information on Energy Vision, visit their website at www.energy-vision.org or contact them at 138 E 13th Street, NY, NY 10003, at (212) 228-0225.

The Business Case for CNG December 8 at ACUA

- Learn from experts the benefits of switching fleets to Compressed Natural Gas (CNG)
- Learn about rebates and incentives
- An overview of CNG as well as a tour of the newly built station will be provided.
- Call (609) 272-6950 for more information

CNG Cleaner, Cheaper, Better!

The 20th Annual Holiday Food Drive kicks-off on Monday, December 6.

See page 3 for details



COMMUNITY CONNECTIONS



Pictured above are members of the Your Choice The People's Choice (YCTPC) community group following a clean up in Absecon.

Your Choice The People's Choice (YCTPC) is a community organization that focuses its clean ups in the Absecon and Atlantic City areas including streets, allies, marshes, wetlands and bank waters. The group has done multiple clean ups along New Jersey Avenue and the White Horse Pike (Rt. 30) in Absecon totaling more than 60 bags of trash, 25 bags of recyclables and odd items like wood and pipes in just the two short months since the organization's inception. This hard work has been completed with more than 100 volunteer hours.

According to Mr. Marlon Hargis, YCTPC group leader, the group has come together "in an effort to change the image of a struggling urban community and improve the appearance of our neighborhoods and

business districts." The group's focus is to raise public awareness about environmental problems created as a consequence of littering and improper disposal.

YCTPC is committed to the program for the long run and not just "a one shot operation showing up once a year or when the cameras are rolling" according to Mr. Hargis. The ACUA and its Clean Communities program are thankful to the YCTPC's efforts and look forward to continued support of their cause.

If you, or someone you know, is interested in participating in the Atlantic County Clean Communities Program, please contact the ACUA at 272-6950.



ACUA helps Mays Landing Cub Scout Pack #254 with a successful Halloween Food Drive benefitting the Mays Landing Methodist Food Bank. The parade took place on Saturday, October 30 and the scouts collected enough food to feed the hungry for about four weeks.

Ocean City's food drive, held in September, netted more than 2,200 pounds of food. All donations benefitted the Ecumenical Council's Food Pantry.



WATERWATCH International sponsored a Marine Science Symposium on October 16th at the Atlantic City Aquarium. The symposium focused on ocean conservation, and topics included the acidification of the seas. Pictured from left: Captain Joel Vogel, Executive Director, WATERWATCH International; Tom Lauletta, ACUA Vice President of Wastewater; Margo Pellegrino, a mother of two who has paddled more than 2,500 miles of America's coasts as a persistent advocate for environmental stewardship; and wildlife artist, sculptor, and Explorers Club Board Member AJ "Buddy" Obara.

Atlantic County Recycles!

Produced by the ACUA, this newsletter seeks to educate residents about Atlantic County's recycling program, and to promote greater environmental awareness.

Monica Coffey...Editor

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Atlantic County Utilities Authority

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Matthew Gallagher, Chairman	
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Michael Epps	Vincent Leonetti
Peter Sarkos	Andrew Berenato, Jr.
Dennis Levinson, County Executive	

Never in the history of the Community Food Bank has the need been so great

HOLIDAY FOOD DRIVE

Just fill a bag with your donation and place at the curb on your recycling day between DEC. 6 through DEC. 17

MOST NEEDED ITEMS:

Peanut Butter, Baby Foods and Formula, Diapers
 Canned Tuna, Baked Beans, Spaghetti O's,
 Corned Beef Hash, Beef Stew, Spam,
 Spaghetti Sauce, Canned Vegetables,
 Ravioli, Beef A Roni, Applesauce,
 Canned Fruit, Canned or Dry Soup,
 Mayonnaise, Jelly, Laundry Detergent, Soap,
 Shampoo and other personal hygiene products.

Nothing frozen, perishable or in glass

Food Drive/Recycling Collection Schedule

MUNICIPALITY	COLLECTION DAY
ABSECON	Tuesday, Dec. 14
ATLANTIC CITY	Wednesday, Dec. 8
BRIGANTINE	Tuesday, Dec. 14
BUENA BOROUGH	Friday, Dec. 10
BUENA VISTA TWP	Dec. 7-10; same day as recycling
EGG HARBOR CITY	Wednesday, Dec. 15
EGG HARBOR TWP-NORTH	Wed., Dec. 8
EGG HARBOR TWP-SOUTH	Thurs., Dec. 9
EGG HARBOR TWP-WEST	Fri., Dec. 10
ESTELL MANOR	Thursday, Dec. 16
HAMILTON TWP	Wednesday, Dec. 15
HAMMONTON	Dec 13-17; same day as recycling
LINWOOD	Friday, Dec. 17
LONGPORT	Monday, Dec. 6
MARGATE	Thursday, Dec. 16
MULLICA	Thursday, Dec. 16
NORTHFIELD	Tuesday, Dec. 7
PLEASANTVILLE	Tuesday, Dec. 7
SOMERS POINT	Friday, Dec. 17
VENTNOR	Dec. 6-10; same day as recycling
WEYMOUTH TWP	Thursday, Dec. 16



**Use any bag!
 Set out your donation on recycling day
 Dec. 6 -17**

Please note:
 Food will be collected regardless of weather



Donations may also be dropped off at ACUA
 6700 Delilah Rd.,
 Egg Harbor Twp.,
 Monday through Friday
 8:30 am – 4:30pm
 For more information,
 call the ACUA at 272-6950

All donations benefit the Community Food Bank of NJ, Southern Branch



How to dispose of your CFLs in Atlantic County

CFLs are a great way to save energy, but since CFLs do contain a small amount of mercury they should always be handled with care and disposed of properly. When it comes time to dispose of a CFL, place it in a sealed plastic bag and bring to:

1. The ACUA's Household Hazardous Waste Drop-off Events -- these drop-off days are held once every other month at the ACUA's Haneman Environmental Park in Egg Harbor Twp. from 9 to 2 pm.
Upcoming dates: January 8 and March 5
2. Home Depot and Lowe's stores nationwide accept CFLs for disposal.

CFL FACTS

- CFLs use two-thirds the energy of a regular light bulb and last up to 10 times longer!
- Roughly 40 percent of the mercury emissions in the U.S. come from burning coal for energy. CFLs conserve this energy, thus helping to reduce the amount of mercury in the environment.
- Mercury is an essential part of what allows the bulb to work so efficiently and they are safe to use in your home.
- CFLs only contain 5 milligrams of mercury. For comparison, old thermometers contain around 500mg, and manual thermostats have 5000mg.
- When CFLs are recycled, an estimated 99.9 percent of the mercury is captured and can be reused in the manufacturing of various products including fluorescent lights.
- If everyone in Atlantic County replaced just one standard 60-watt light bulb in their home with a 13-watt CFL it would save more than \$7 million in electricity costs and save enough energy to light 33,867 homes for a year. In addition, approximately 112,380,000 pounds of greenhouse gas emissions would be prevented, equivalent to removing nearly 2,000 cars from roadways.

Where Can I Recycle?



*Don't resort to the trash!
Use these new stickers.*

If you've ever been to a store or restaurant and asked yourself *Where's the recycling bin?* you are not alone.

Despite the fact that recycling has been the law in New Jersey since 1987, some businesses still do not provide recycling containers for their customers. This not only disappoints customers, but causes companies to miss out on a number of benefits!

Recycling reduces the amount of trash that businesses generate, which could lead to savings on disposal costs. Recycling also helps the environment by saving landfill space, reusing resources, and conserving energy and water. And in many cases, collection can be provided at no additional cost.

By providing recycling, businesses receive all these benefits and show their customers they care about sustainability. Who wouldn't want to save money *and* make customers happy?

In an effort to change the way businesses think about recycling, the ACUA has created a removable sticker and letter to make the benefits visible to companies. The stickers address the fact that recycling is the law and lays out a number of benefits that can directly effect the business. The objective is to raise awareness about the ease and benefits of recycling. It also provides contact information to open the door for further questions.

Next time you are ever in a situation where you aren't given the opportunity to recycle, don't resort to the trash; help the ACUA by speaking up and informing companies about recycling.

**Contact ACUA
for a supply
of stickers and
letters today!**

Dear

I noticed you have a number of recyclable materials that have been go trash! I was puzzled to see that there were no recycling containers your business. Did you know recycling has been the law in New Jersey Not only is it the law, but you'd be happy to know that recycling is ve you even save your company money!



It's an easy way to make a big difference.

Christmas Tree Recycling Collection



Easy Ways to Green Your Holidays

Town

Strategy

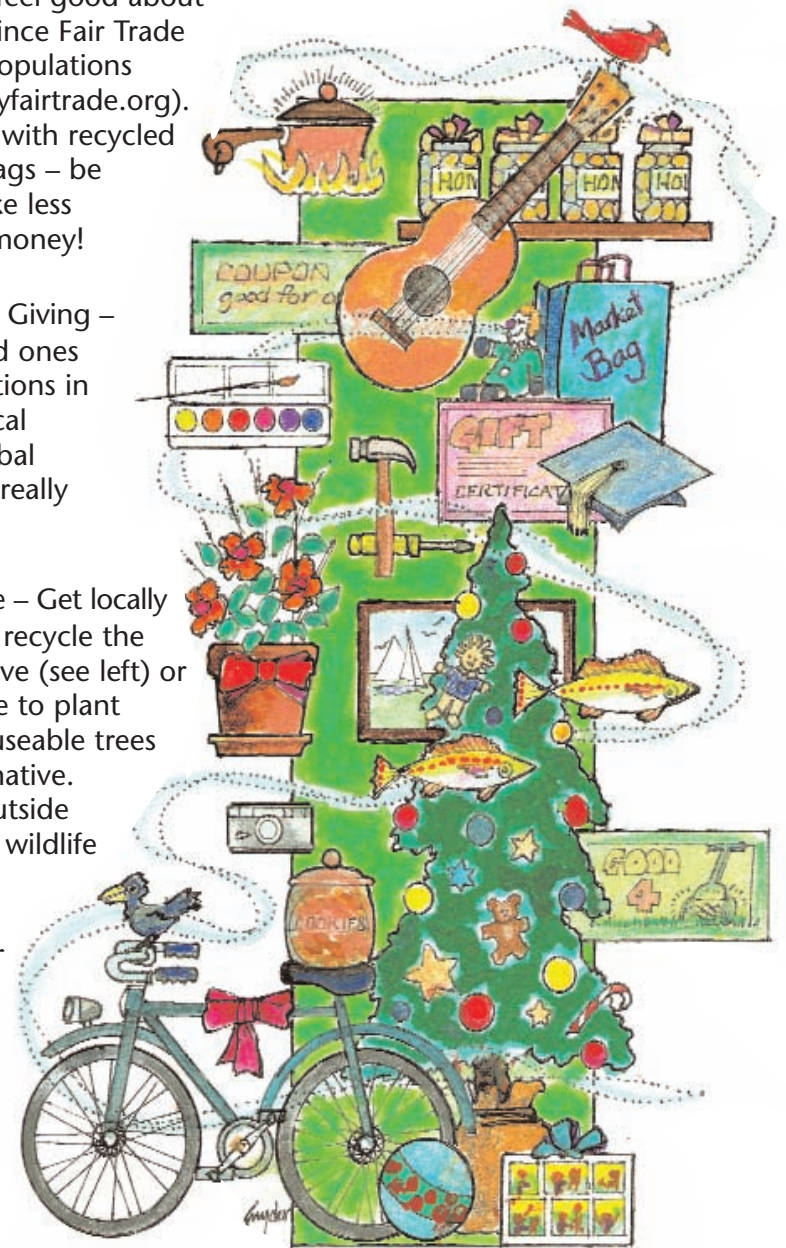
Absecon	Collection by ACUA • Sector "A" on January 11, 25 (Shore Rd. east to the bay/south of White Horse Pk.) • Sector "B" on January 12, 26 (Shore Rd. west to Galloway Twp. border)
Atlantic City	Contact Public Works, 347-5700
Brigantine	Contact Public Works, 266-7800 x10
Buena Borough	Contact Public Works, (856) 697-0280
Buena Vista Twp.	Collection by ACUA on January 7, 21 (select areas incl. Collings Lakes, Newtonville, Cedar Gardens & designated areas only. All others call BVT public works at (865) 692-4121
Egg Harbor City	Contact Public Works, 965-0081
Egg Harbor Twp.	Contact Public Works, 926-3838
Estell Manor	Contact Public Works, 476-2692
Folsom	Contact Public Works, 561-3178
Galloway Twp.	Contact Public Works, 652-3700 x 244 or x245
Hamilton Twp.	Contact Public Works, 625-6311
Hammonton	Contact Public Works, 567-4336
Linwood	Collection by ACUA on January 8, 15
Longport	Contact Public Works, 822-5759
Margate	Contact Public Works, 822-5038
Mullica Twp.	Contact Public Works, 561-7070
Northfield	Collection by ACUA • Sector "A" Mill Rd. North to P-ville border January 3, 10, 17, 24, 31 • Sector "B" Mill Rd. South to Linwood border January 3, 8, 15, 22, 29
Pleasantville	Contact Public Works, 484-3640
Somers Point	Contact Public Works, 927-4048
Ventnor	Collection by ACUA on January 10, 24
Weymouth Twp.	Collection by ACUA on January 20 – Belcoville only; Other areas, call 476-2633

- Green your purchases – Buy locally made items or memberships that offer activities. Also Fair Trade certified items make you feel good about your purchases since Fair Trade benefits needy populations (www.southjerseyfairtrade.org). Wrap those gifts with recycled wrap and gift bags – be creative and make less waste and save money!

- Alternative Gift Giving – Honor your loved ones by making donations in their name to local charities and global causes that they really care about.

- Green your tree – Get locally grown trees and recycle the tree where you live (see left) or buy a potted tree to plant outside. Also, reusable trees are a good alternative. Decorate your outside trees with edible wildlife goodies too!

- Illuminate your holidays with LED lights – Save up to 90 percent on electricity costs with these cool bulbs that can last 10 - 20 years. Feel good about the energy savings too!



Holiday Quick Tips

Make your holiday a little greener with these easy tips!

- Recycle your used wrapping paper & greeting cards
- Use recycled wrapping paper or paper bags to wrap
- Reuse gift bags every year
- Buy rechargeable batteries for gifts
- Create decorations using household items
- Use washable plates, cups, & utensils instead of paper or plastic
- Put your holiday lights on timers

Atlantic County's first



Atlantic County Utilities Authority has added a Green Roof to one of its buildings.

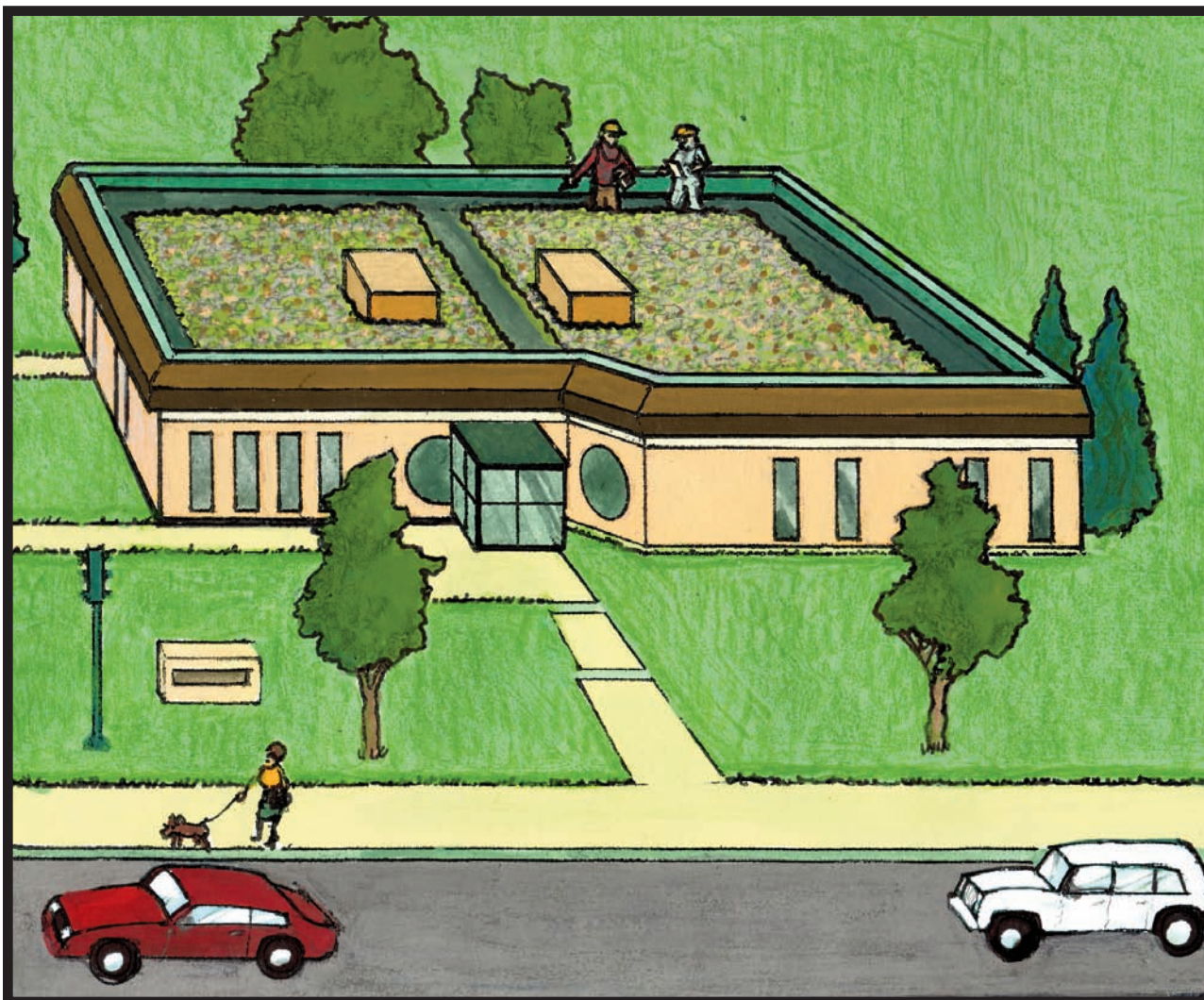
The term "Green Roof" refers to an old idea which has become relevant once again. Appreciation for its environmental benefits has been growing. The ACUA's green roof will serve as a demonstration project, allowing interested parties to get a first hand look at this green alternative to traditional roofing.

What is a green roof?

A green roof is a cover of vegetation which is installed on top of a regular roof. The plants used for a green roof vary from ground cover, to turf grass, shrubs, trees and even vegetable crops. The type of climate, structural capacity of the roof and aesthetic preference all may help determine which type of vegetation is used. Green roofs can provide a natural refuge for building occupants and wildlife but also insulate the building, and reduce heating and cooling costs. Cities in particular benefit from the addition of green roofs. Green roofs reduce the "urban heat island effect"

by replacing dark, heat absorbant surfaces with plants that clean the air and keep rooftop temperatures down. The green roof includes a membrane which provides insulation and protection, a drainage layer, a filter mat, and a soil layer, all of which is topped by the vegetation.

While green roofs have been used in other cities and countries, appreciation for their environmental benefits has been growing here. Plants and growing medium were donated by *Plant Connection*, which also grew the plants and oversaw the installation. The growing system, developed and manufactured by *Metro Green Visions* and distributed by *Plant Connection*, was also donated. *Steven Dubner Landscaping* volunteered the labor for the installation, completed September 1, 2010. The roof size is 2,900 square feet and would have cost the ACUA approximately \$72,500 to install. The site, located at 1701 Absecon Blvd., sits at the entrance to the ACUA's wastewater facility in Atlantic City, NJ.



ACUA's building, located at 1701 Absecon Blvd., is the first green roof in the county, and will save substantially on energy use for heating and air conditioning.



Employees of *Plant Connection* and *Steven Dubner Landscaping* install the green roof system as a demonstration project.



Early American settlers built Sod Houses, as did some Native American tribes.

On the American prairie, where trees were scarce, the most abundant building material was sod, which provided excellent insulation. Easily dug and handled sections of sod were cut from the field and stacked to become walls which were built out from an excavation in a hillside. Timbers and boards were placed on top of the walls and more sod was placed on top. Roots spread from one piece of sod to the next, interweaving the whole structure. A house built by this method had the ability to retain heat fairly

well. Small windows were sometimes cut in and covered with oiled parchment or sheets of mica which admitted some light. Even so, the sod house tended to be dark inside, and was lit by candles and lanterns. While they could be made fairly weather proof, it was not uncommon for insects and reptiles to find their way into the warmer space. Sod houses were regarded as temporary by most, who looked forward to affording a cleaner type of wooden house.

Benefits of the Green Roof:

- Insulates the building, lowering heating and cooling costs
- Helps to extend the life of the roof
- May add to the property value
- Helps to retain stormwater runoff
- Provides a natural habitat to the area's wildlife

Frequently Asked Questions:

Does a Green Roof affect my existing roof?

The green roof actually helps to protect the existing roof. Green roofs help to block damaging UV light and shield the roof from inclement weather.

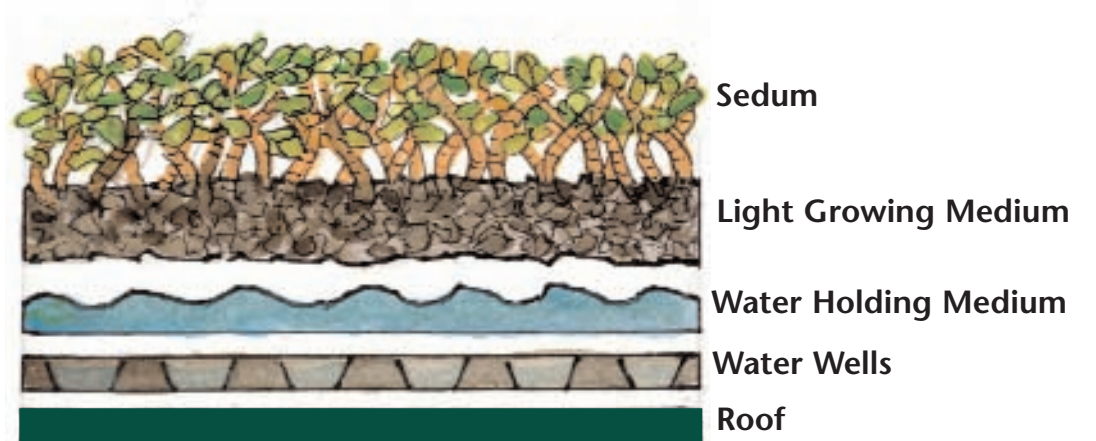
What are the maintenance requirements?

- The ACUA's green roof will be very low maintenance.
- The vegetation selected is drought tolerant and grows to a height of 6-7 inches.
- During a prolonged period of drought (6-8 weeks with no rain) some watering may be required.
- Green roofs should not require anything other than standard roof and drain maintenance.

How much does the green roof cost?

This type of green roof would cost approximately \$25 dollars a square foot.

Layers of material in a Green Roof



Green Roof Helpful Links:

- <http://www.greenroofs.org>
- <http://www.greenroofs.org/pdf/epa.pdf>
- <http://www.myplantconnection.com>
- <http://www.metrogreenvisions.com>

ACUA

Atlantic County Utilities Authority






Demystifying alternative fuel vehicles

Understanding your options is half the battle

If you're like most Americans, you may be interested in purchasing an alternative fuel vehicle (AFV), but you're not sure which type would best suit your needs.

A recent survey by Mercedes-Benz found that nearly one in two adults (48 percent) would indeed be interested in an alternative fuel vehicle, but are not sure about what type to get (e.g., hybrid, electric, diesel) and only about one in three (35 percent) say they know which types of AFVs are best for various driving situations (e.g., city, suburban, highway).

According to the survey, more adults claim to be knowledgeable or very knowledgeable about the causes of the global financial crisis, the difference between good and bad cholesterol and the amount of oil that has spilled into the Gulf of Mexico, than they are about the difference between various types of alternative fuel vehicles.

	Biodiesel	Compressed Natural Gas	Hydrogen	Electric	Hybrid & Hybrid Plug-ins
					
Description	Biodiesel is a renewable alternative fuel produced from a wide range of vegetable oils and animal fats. Pure biodiesel or biodiesel blended with petroleum diesel can be used to fuel diesel vehicles, providing energy security and emissions and safety benefits.	CNG is odorless, colorless, and tasteless. It consists mostly of methane and is drawn from gas wells or in conjunction with crude oil production. CNG vehicles store natural gas in high-pressure fuel cylinders at 3,000 to 3,600 pounds per square inch.	The simplest and most abundant element in the universe, hydrogen can be produced from fossil fuels and biomass and even by electrolyzing water. Producing hydrogen with renewable energy and using it in fuel cell vehicles holds the promise of virtually pollution-free transportation and independence from imported petroleum.	Electricity can be used to power all-electric vehicles and plug-in hybrid electric vehicles directly from the power grid. Vehicles that run on electricity produce no tailpipe emissions. The only emissions that can be attributed to electricity are those generated in the production process at the power plant. Electricity is easily accessible for short-range driving.	Hybrids or HEVs are powered by conventional or alternative fuels as well as electric power stored in a battery. The battery is charged through regenerative braking and the internal combustion engine; it is not plugged in to charge. Plug-in HEVs (PHEVs) are powered by conventional or alternative fuels as well as electric power stored in a battery. The vehicle is plugged into an electric power source to charge the battery.
Vehicles Available	Multiple makes and models are available for both light and heavy duty biodiesel vehicles.	Honda Civic GX sedan and multiple heavy duty vehicles. Both commercial and residential vehicles available.	Currently, there are no hydrogen fueled vehicles, but there are some in the preproduction and testing phases such as Van Hool's A330 fuel cell bus, the Honda FCX Clarity, and Vision Motor Corporation's Tyrano electric/ hydrogen fuel cell tractor.	Multiple low speed EVs are available currently. The most notable EV to travel all roadways is the Tesla Roadster. However more EVs are scheduled to come to the market in the near future including the Nissan Leaf, and Mitsubishi iMiEV. Best suited for driving distances of 60-100 miles.	Multiple makes and models are available for Hybrid and conversion Plug-in Hybrid vehicles. The Chevy Volt PHEV has been one of the more publicized vehicles and looks to be available sometime in the summer of 2011.

Veggie Trails

How one family fuels up on vegetable oil

Next time you enjoy a to-go container of fried rice, or a piece of fried chicken, consider not what you are doing to your body, but what you may be doing for the environment. These foods are contributing to a small community of people popping up across the country who are powering their cars with the oil used to fry these fatty treats.

One of the pioneers on this veggie trail is ACUA employee Dave Lake, who began using vegetable oil after finding a converted car on the internet.

While searching for an affordable, efficient car for his daughter, Lake came across a 2002 Volkswagen Beetle that had been converted to run on both diesel and vegetable oil. Ready to make a leap to alternative fuels, Lake decided to purchase the car.

One year later, Lake purchased another converted Volkswagen – this time for himself.



The vegetable tank that sits in place of the spare tire of Dave Lake's Volkswagen Golf.

After finding such success with his daughter's car, Lake decided that the process was convenient enough to fit into his daily lifestyle.

Now Lake powers both his daughter's car and his 2000 Volkswagen Golf with leftover oil collected from local Chinese and seafood restaurants. The Lakes remove food particles using micron-filter socks. Although it takes some time to filter the oil, the Lakes find that when done ahead of time, the process can be as easy as filling up at the tank.

In addition to the straining process, patience is also required while waiting for the veggie oil to

warm up to optimum driving conditions; this can take up to five minutes.

Because of the warming time, the Lakes do not use it in temperatures below 40 degrees or to make short trips. He estimates they use about 30 percent vegetable oil and 70 percent diesel. They can switch between the two with touch of a button.

Vegetable oil not only saves the Lakes money, but also decreases their carbon footprint, because the same oil that may cause grease stains on our clothes leaves hardly any stain on the environment. Vegetable oil is carbon neutral, which means it does not create excess carbon dioxide, nor does not contain the harmful sulfur that is present in diesel.

Although his other family members don't drive alternative fueled-vehicles, they have dedicated themselves to driving only cars that receive 30 miles to the gallon or more.

See how you can fry up your engine with vegetable oil or simply take the 30 miles per gallon challenge like the Lakes did to reduce emissions, increase savings, and help clean up our Earth.

For more information on the conversion kits used on the Lakes' vehicles visit www.greasecar.com.

ACUA's Fleet Ranks 15th in the Country, Receiving the Government Green Fleet Award

The Atlantic County Utilities Authority (ACUA) ranked 15th out of a possible 38,000 public fleets, including all Federal, State, and Local Government Fleets, for the Government Green Fleet Award and was honored on November 9 in Washington, D.C. The Government Green Fleet Award recognizes public fleets for leadership and setting an example for other public agencies. The ACUA applied for the Government Green Fleet Award through the 100 Best Fleets Program earlier this year, and was recently notified of its top ranking.

The ACUA has committed to reducing its energy use and its carbon footprint through the purchase of low emission, fuel-efficient vehicles for vehicle fleet replacement. The ACUA uses alternative fuels such as biodiesel, Compressed Natural Gas (CNG), and electricity in fleet operations.

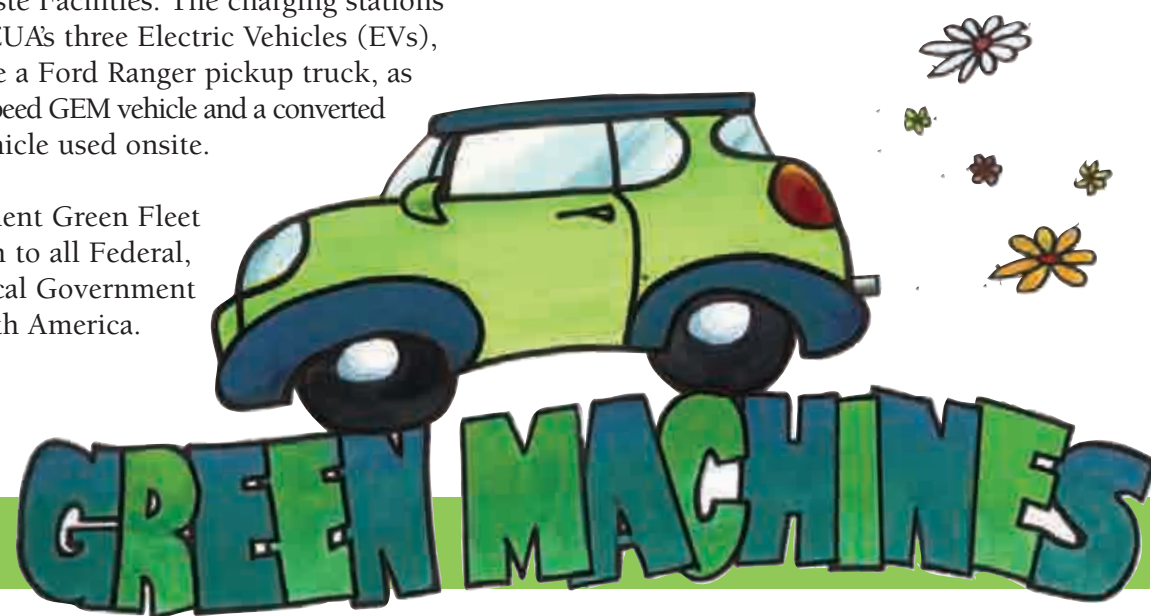
The majority of the ACUA's collection fleet is currently fueled by biodiesel. ACUA entire fleet of 106 vehicles switched to biodiesel in 2004. ACUA is now in the process of transitioning its refuse fleet to Compressed Natural Gas, and currently has five (5) CNG trucks collecting trash and

recycling and fueling up at the ACUA's newly opened fast fill fueling station. These five CNG collection trucks have replaced biodiesel collection vehicles that were at the end of their useful life. Within the next year it is expected that the ACUA will replace ten (10) more collection vehicles with CNG vehicles. Eventually, the ACUA plans to transition its entire fleet to CNG, which greatly reduces emissions and costs less than the current rates for diesel.

The ACUA also has three electric charging stations located at both the ACUA's Wastewater Treatment and Solid Waste Facilities. The charging stations power the ACUA's three Electric Vehicles (EVs), which include a Ford Ranger pickup truck, as well as a low speed GEM vehicle and a converted all-terrain vehicle used onsite.

The Government Green Fleet Award is open to all Federal, State, and Local Government Fleets in North America.

There is a comprehensive set of criteria to meet for this award, such as fleet composition of conventional fueled vehicles versus hybrid, electric and alternative; use of renewable fuel and alternative sources of energy measures taken to clean up emissions; future plans; appropriate fleet size; education efforts in this area; executive and employee involvement and commitment; and other initiatives that support "green fleets." The ranking of the Government Green Fleet Award winners can be found here http://www.the100bestfleets.com/gf-winners_2010.htm



ACUA to Demonstrate Plug-In Prius



Toyota has distributed 600 plug-in vehicles to collect real-world data. The goal is to bring electric transportation closer to reality.

The ACUA has been selected to participate in Toyota's Plug-in Prius Demonstration Program. The ACUA's involvement in the program was facilitated by the New Jersey Clean Cities Coalition, who assisted the Authority in the selection process.

The Plug-in Prius will be on loan to the ACUA from Toyota. Toyota's plug-in demo program is designed to collect real world performance data on plug-in vehicles and their usage. Specifically the program is looking to gather information on driving conditions, commute length, access to charging infrastructure, performance of the lithium-ion batteries, and overall user feedback.

The program has put 600 of these plug-in vehicles on the road, distributing them for use to broad variety of sectors, including companies, institutions, and government agencies. All project partners will share data collected on the vehicles, with the goal of bringing electric transportation closer to reality. The vehicle battery will be able to provide 13 miles of driving range on a full charge before switching into hybrid mode, at which point the vehicle will get approximately 50 miles per gallon.

For more information on the vehicles and demo program visit: <http://www.toyota.com/upcoming-vehicles/prius-plug-in/>

The Business Case for CNG

ACUA, along with New Jersey Clean Cities Coalition (NJCCC), Clean Energy, and South Jersey Gas, will be holding an informative seminar about the benefits of switching fleets to Compressed Natural Gas (CNG). Find out which types of CNG alternative energy vehicles are available and appropriate for your company and learn which rebates and incentives are offered. An overview of CNG as well as a tour of the newly built station will be provided.

Wednesday, December 8, 2010

9:00 a.m. - 12:00 p.m.

**Recycling Center Conference Room
Howard F. Haneman Environmental Park
6700 Delilah Road
Egg Harbor Township, NJ 08234**

Please R.S.V.P. on our website at www.acua.com/cng

RUTGERS

Environmental Stewards Program registration now underway

Classes start January 19, 2011 at ACUA in Egg Harbor Twp.

Do you want to learn more about the environment and issues that impact it locally and globally? Do you want to make a difference in your own community? The Rutgers Environmental Stewards program, hosted by the ACUA, offers a great opportunity to do both.

The Rutgers Environmental Stewards program, which begins January at the ACUA, meets weekly to learn from environmental leaders and experts on a wide range of subjects including soils and geology, water, climate change, and energy, as well as leadership and communication. Students complete 60 hours of in-depth training (in the classroom and on field trips) and then complete internship projects in conjunction with local environmental organizations or by developing their own projects based on their interests.

Winner of the 2007 Governor's Environmental Excellence Award, the program is designed for the non-scientist, and provides background in a wide variety of environmental areas while helping students connect with a network of

people and resources to apply what's learned in the classroom, with the goal of making positive change in the community.

The program has been running for several years in other parts of the state. The topics covered are similar in each program, but the Atlantic County program is tailored specifically for our unique coastal region. Students get not only good information, but information that considers the environmental issues specific to our area from instructors that include some of the area's academic and environmental leaders and experts.

Classes will be held Wednesdays from 9:30 am to 12:30 pm at the ACUA on Delilah Road in Egg Harbor Twp. beginning January 19, 2011. The fee for the course is \$250.

For more information, please call the ACUA at 609-272-6950, email amenzel@acua.com, visit the ACUA's website at www.acua.com, or visit the Rutgers web site at <http://envirostewards.rutgers.edu>.



Earth Day 2011

Sunday, May 1

10 a.m. - 4 p.m. • rain or shine

- Is your environmentally conscious organization interested in educating the public?
- Do you have an environmental product or service that you would like to display at the event?
- Are you interested in participating as a crafter, food vendor or entertainer?
 - Crafters please note - items must be hand-crafted, eco-friendly, certified Fair Trade or educational.
 - Vegetarian food vendors strongly urged to participate.

If so, please join our mailing list!

Registration will begin in February 2011.

Sponsorship opportunities also available



ACUA

Atlantic County Utilities Authority
6700 Delilah Rd., Egg Harbor Twp.
272-6950 or 1-800-613-ACUA
www.acua.com

Household Hazardous Waste DROP-OFF DAY

Sat., January 8, 2011
9 a.m. to 2 p.m.

Atlantic County Utilities Authority
6700 Delilah Rd., Egg Harbor Twp.

RECHARGEABLE BATTERIES ACCEPTED!!

Materials accepted for disposal include:

From the Kitchen:	From the Garden:	From the Workshop:	Miscellaneous:
Cleaners	Weed Killer	Turpentine	Photo Chemicals
Pesticides	Fungicide	Varnish/Stains	Lighter Fluid
Floor Products	Insecticide	Oil-Based Paint	*Mercury-containing items
Furniture Polish	Fertilizer	Fuels/Motor Oil	Pool Chemicals
*Compact Fluorescent Light Bulbs		Rechargeable Batteries	Stain Remover

Unacceptable Materials

Radioactive Materials • Explosives • Gas/Propane Cylinders • 2,4,5 Silvex
Infectious Waste • Kepone • Shock Sensitive Chemicals • PCB's
Ammunition • Dioxin • Pentachlorophenol

• Program open to all Atlantic County residents

- One proof of residency required (driver's license or tax bill)
- Max. quantity: 30 gal. and/or 200 lbs. dry wt. per household.
 - Individual container sizes can not exceed 5 gallons.
 - Containers will not be returned. NO EXCEPTIONS!
 - * Please bring mercury-containing items in a sealed plastic bag, box or original container

Next collection: Sat. March 5, 2011

ACUA 6700 Delilah Road, Egg Harbor Twp., NJ 08234

For more information, call the ACUA at 272-6950 • www.acua.com/hhw

Atlantic County Adopt A Road Program

Looking for a community service project for your family, organization or youth group?

Join the ACUA and hundreds of volunteers in our quest to rid Atlantic County of unsightly trash along our roadways. Adopt a Road through the Atlantic County Clean Communities Program and we will provide you with all of the supplies you need including two signs crediting your group as the caretakers of a one mile stretch of county road. This is great advertising for community groups, local businesses, etc. and a great way to show your commitment to our environment.

Mini grants now available

For more information call:
Atlantic County Utilities Authority at 609-272-6950



ACUA

www.acua.com

It's a Sale!

EcoSoil

100% organic compost



\$11.00 per cubic yard
Bulk pick-up only
while supplies last

Also available for purchase:

(pick-up at ACUA, Mon. – Fri., 8:30 - 4:30 p.m. Bldg. #1)

All products listed below include sales tax



Soda Bottle Shaped Recycling Can

- dimensions: 57" x 20"
- sign height: 23"
- cost: \$125



30-Gallon Kraft Bags and Leaf Funnel

- 5 bags for \$2
- Leaf Funnel: \$25



20-Gallon Blue Recycling Bucket

- \$10 each
- Lid is \$5

Shop for EcoProducts on the Internet!

Check the online store for EcoProducts at:
www.acua.com

Pricing

EcoSoil 100% natural, screened compost
 40 lb. bag.....\$2.80/bag
 (bags available M – F 8:30 a.m. – 4:30 p.m.
 at 6700 Delilah Rd., Bldg.#1)

EcoTopsoil - compost, sand, topsoil mix
 0 – 99 cubic yards.....\$22.50/cy
 100 + cubic yards.....\$13.50/cy

Colored Mulches Red, Black, Brown
 0 – 99 cubic yards.....\$25.00/cy
 100 + cubic yards.....\$19.00/cy

EcoMulch.....\$20.00/cy
 (made from trunks of aged hardwood)

EcoRoot Mulch.....\$20.00/cy
 (made from roots and limbs of hardwood trees)

Playground Mulch.....\$20.00/cy

Bulk pricing effective after 100+ cubic yards purchased per calendar year

Delivery charge (Atlantic County only) \$66.65

*Truckload Sales –
 5 cubic yards delivered*

EcoSoil	\$178.32*
EcoMulch	\$178.32*
EcoRoot Mulch	\$178.32*
Playground Mulch	\$178.32*
EcoTopSoil	\$191.70*
Colored Mulches	\$205.07*

* prices include delivery & sales tax
 All deliveries are C.O.D. • Cash, checks, Visa, MasterCard, American Express, Discover accepted

ACUA Facility Hours

landfill, transfer station, bulk compost sales

Monday – Friday: 7:00 a.m. – 4:00 p.m.
 Saturday: 7:00 a.m. – 12:00 p.m.

Cash, checks, Visa, Master Card, American Express and Discover Card accepted.

Atlantic County Utilities Authority • www.acua.com
 6700 Delilah Rd., Egg Harbor Twp., NJ 08234-5623 • (609) 272-6950
 mailing address: P.O. Box 996, Pleasantville, NJ 08232-0996

Residential Recycling Collection Schedule

Please place materials
curbside by 7 a.m.
(609) 272-6950 or 1-800-613-ACUA
www.acua.com

Absecon

JANUARY '11

Tue. Jan. 11, 25 – Recycling
Tues. Jan. 11, 25 – Yard Waste Sector A
Wed. Jan. 12, 26 – Yard Waste Sector B
Yard Waste Sec. A (includes East side of Shore Rd. to the bay, North Curran to WHP, South WHP to California Ave.)
Yard Waste Sec. B (incl. West side of Shore Rd. to Galloway Twp. border, Upland to WHP.)

FEBRUARY '11

Tues. Feb. 8, 22 – Recycling
Tues. Feb. 8 – Yard Waste Sector A
Wed. Feb. 9 – Yard Waste Sector B

MARCH '11

Tue. Mar. 8, 22 – Recycling
Tue. Mar. 8, 22 – Yard Waste Sector A
Wed. Mar. 9, 23 – Yard Waste Sector B

Atlantic City

JANUARY '11

Wed. Jan. 5, 19 – Recycling

FEBRUARY '11

Wed. Feb. 2, 16 – Recycling

MARCH '11

Wed. Mar. 2, 16, 30 – Recycling

Brigantine

JANUARY '11

Tue. Jan. 11, 25 – Recycling

FEBRUARY '11

Tues. Feb. 8, 22 – Recycling

MARCH '11

Tue. Mar. 8, 22 – Recycling

Buena Borough

JANUARY '11

Fri. Jan. 7, 21 – Recycling

FEBRUARY '11

Fri. Feb. 4, 18 – Recycling

MARCH '11

Fri. Mar. 4, 18 – Recycling

Buena Vista Twp.

JANUARY '11

January 4-7; 18-21 – Recycling
Fri. Jan. 7, 21 – Yard Waste*

FEBRUARY '11

February 1-4; 15-18 – Recycling

MARCH '11

March 1-4; 15-18; 29-31 – Recycling
Friday, March 4, 18 - Yard Waste*

*yard waste collected in Collings Lakes, Newtonville, Cedar Gardens & designated areas only. All others call BVT public works at (865) 692-4121

Egg Harbor City

JANUARY '11

Wed. Jan. 12, 26 – Recycling

FEBRUARY '11

Wed. Feb. 9, 23 – Recycling

MARCH '11

Wed. Mar. 9, 23 – Recycling & Yard Waste

Egg Harbor Twp. - North

Includes all homes along the Black Horse Pike and streets north (towards Absecon)

JANUARY '11

Wed. Jan. 5, 19 – Recycling

FEBRUARY '11

Wed. Feb. 2, 16 – Recycling

MARCH '11

Wed. Mar. 2, 16, 30 – Recycling

Egg Harbor Twp. - South

Includes streets south of the Black Horse Pike (towards Somers Point/Mays Landing Rd.), including all of West Atlantic City

JANUARY '11

Thurs. Jan. 6, 20 – Recycling

FEBRUARY '11

Thurs. Feb. 3, 17 – Recycling

MARCH '11

Thurs. Mar. 3, 17, 31 – Recycling

Egg Harbor Twp. - West

South of Black Horse Pike, west of English Creek Ave. and north of Ocean Heights Ave.

JANUARY '11

Fri. Jan. 7, 21 – Recycling

FEBRUARY '11

Fri. Feb. 4, 18 – Recycling

MARCH '11

Fri. Mar. 4, 18 – Recycling

Estell Manor

JANUARY '11

Thurs. Jan. 13, 27 – Recycling

FEBRUARY '11

Thurs. Feb. 10, 24 – Recycling

MARCH '11

Thurs. Mar. 10, 24 – Recycling

Galloway Residents

Please contact public works for recycling collection information at 652-9265

Hamilton Twp.

JANUARY '11

Wed. Jan. 12, 26 – Recycling

FEBRUARY '11

Wed. Feb. 9, 23 – Recycling

MARCH '11

Wed. Mar. 9, 23 – Recycling

For yard waste collection information, please contact Hamilton Twp. public works department at (609) 625-6311

Hammonton

JANUARY '11

January 10-14; 24-28 – Recycling

FEBRUARY '11

Feb. 7-11; 21-25 – Recycling

MARCH '11

Mar. 7-11; 21-25 – Recycling

Linwood

JANUARY '11

Fri. Jan. 14, 28 – Recycling

Sat. Jan. 8, 15 – Yard Waste

FEBRUARY '11

Fri. Feb. 11, 25 – Recycling

MARCH '11

Fri. Mar. 11, 25 – Recycling
Every Saturday – Yard Waste

Longport

JANUARY '11

Mon. Jan. 3, 17, 31 – Recycling

FEBRUARY '11

Mon. Feb. 14, 28 – Recycling

MARCH '11

Mon. Mar. 14, 28 – Recycling

Margate

JANUARY '11

Thurs. Jan. 13, 27 – Recycling

FEBRUARY '11

Thurs. Feb. 10, 24 – Recycling

MARCH '11

Thurs. Mar. 10, 24 – Recycling

Mullica Twp.

JANUARY '11

Thurs. Jan. 13, 27 – Recycling

FEBRUARY '11

Thurs. Feb. 10, 24 – Recycling

MARCH '11

Thurs. Mar. 10, 24 – Recycling

Northfield

JANUARY '11

Tue. Jan. 4, 18 – Recycling

Yard Waste Sec. A – every Monday

(Mill Road North)

Yard Waste Sec. B – every Saturday

(Mill Road South)

*Jan 1st yard waste moves to Jan. 3rd.

FEBRUARY '11

Tue. Feb. 1, 15 – Recycling

Yard Waste Sec. A – every Monday

Yard Waste Sec. B – every Saturday

MARCH '11

Tue. Mar. 1, 15, 29 – Recycling

Yard Waste Sec. A – every Monday

Yard Waste Sec. B – every Saturday

Pleasantville

JANUARY '11

Tue. Jan. 4, 18 – Recycling

FEBRUARY '11

Tue. Feb. 1, 15 – Recycling

MARCH '11

Tue. Mar. 1, 15, 29 – Recycling

Somers Point

JANUARY '11

Fri. Jan. 14, 28 – Recycling

FEBRUARY '11

Fri. Feb. 11, 25 – Recycling

MARCH '11

Fri. Mar. 11, 25 – Recycling

Ventnor

Trash & Recycling Schedule

Recycling collection for 2011 is EVERY WEEK. Please set your recyclables out on the same day as your trash. To find your trash and recycling day, visit www.acua.com

Yard Waste – Mon. Jan. 10, 24
Mon. Feb. 7, 21
Mon. March 7, 21

Weymouth Twp.

JANUARY '11

Thurs. Jan. 13, 27 – Recycling

Thurs. Jan. 20 – Belcoville Yard Waste

FEBRUARY '11

Thurs. Feb. 10, 24 – Recycling

Thurs. Feb. 17 – Belcoville Yard Waste

MARCH '11

Thurs. Mar. 10, 24 – Recycling

Thurs. Mar. 17 – Belcoville Yard Waste



Single stream recycling means
EVERYTHING
GOES IN ONE CONTAINER!