



WINTER 2013

FAUQUIER COUNTY ENVIRONMENTAL SERVICES

Wasteline

Inside This Issue

- 1 Extreme Recycling
- 2 Landfill Cell Construction
- 2 Corral Farm Residential Collection Site
- 2 Household Study
- 3 Aseptic Recycling
- 3 School Ball Field Recycling
- 3 Plastic Bag Recycling
- 4 Plastics #1-7 Recycling
- 4 Aluminum Foil Recycling
- 5 Safety Tip of the Quarter
- 5 Safe Sharps Disposal
- 6 Talkin' Trash
- 6 News

EXTREME RECYCLING

Old Landfill Mining Pilot Program

The construction – demolition waste landfill mining pilot project successfully recovered 6,000 cubic yards of landfill airspace during several weeks of operation in July-August 2012. For the first time this summer, the recovered soil was reused on the operating landfill outer slopes to reduce usage of excavated soil. As demonstrated by this effort, grass grew very well on these slopes with minimal erosion and environmental testing was negative so the reuse of previously used soils at the landfill has been an outstanding success. Along with soil recovery and reuse, concrete, stone, metal and vinyl siding were recovered, and reused or sold as part of the Fauquier County recycling program.

The next steps for the mining project include reporting to Department of Environmental Quality (DEQ) requesting the ongoing beneficial usage of recovered soil on the operating landfill, and evaluating equipment operations to improve mining operating efficiency.

Fauquier County
Environmental Services
6438 College Street
Warrenton, VA 20187
Phone: (540) 422-8840
Fax: (540) 422-8841
trish.ethier@fauquiercounty.gov

Website:
www.fauquiercounty.gov

Like us on Facebook at
FAUQUIER RECYCLES!



Environmental Services staff sorts through mined materials to retrieve items that can be recycled.

LANDFILL CELL CONSTRUCTION

Almost Finished



New cell construction.

The construction of the landfill cell is nearing completion. The 2-foot clay liner is in place, the overlying plastic liner is welded, and stone for the leachate collection system is in place. After construction is complete, the Department of Environmental Quality will inspect the project and authorize its use prior to any waste being deposited. If all proceeds accordingly, the landfill operation will shift into cell 1 in the springtime.

CORRAL FARM RESIDENTIAL COLLECTION SITE

Fauquier County Collection Facility



Corral Farm Residential Collection Site.

The Corral Farm Facility is located just south of the Town of Warrenton at the end of Lord Fairfax Drive on Bingham Road. The facility includes the residential recycling and waste collection area; bulk recycling area for tires, appliances, and yard waste; construction & demolition recycling area; recycling processing center; and, the landfill for items that cannot be recycled or re-used. At the Corral Farm Residential Collection Site, residents can deposit their recycling and waste items. For a complete list of recyclables, visit the

department website at www.fauquiercounty.gov/government/departments/environmental. The Corral Farm Residential Collection Site is the location where the county holds its residential household hazardous waste events on the first and third Saturdays of each month. In FY2011, residents made over 222,000 visits to this site, recycling approximately 1,036 tons of the 8,544 tons of waste disposed of, making it the busiest collection site in the County. Plans have been developed to improve traffic flow, collection/handling efficiency, and recovery of recyclable materials.

HOUSEHOLD RECYCLING STUDY

Eleven Families Volunteer to Measure Recycling Benefits

Beginning in January, eleven Fauquier County families volunteered to weigh their recycling, organics (composting) and trash for a minimum of 60 days in a household recycling study. Environmental Services will use the data from this study to determine total household waste generation; per person waste generation; the impact recycling has on waste reduction and related tipping fees; and, the impact on organics (composting) to reduce waste and related tipping fees. Results will be shared in an upcoming newsletter and on Facebook.

Thank you to the volunteering families.

ASEPTIC PACKAGING PILOT PROGRAM

Students Recycle Milk and Juice Containers at School



In November, the Department of Environmental Services partnered with two nearby schools, J.G. Brumfield Elementary School and Taylor Middle School to initiate a pilot program to recycle aseptic packaging generated from their cafeterias during lunchtime. Aseptic containers commonly contain milk and juice and consist of high grade paper similar to office paper.



Samples of aseptic packaging.

There were several questions evaluated during this initial phase of the pilot program to determine if this hard-to-handle material can be recycled:

- How much material is being generated from a school?
- Will students completely empty the liquids from the container to allow recycling?
- Will collected containers create a strong odor?

Results from the initial phase will be reported soon and if successful, it's hoped that material collection will be expanded to additional schools.

SCHOOL BALL FIELDS OFFER RECYCLING

Three School Ball Fields in Warrenton Recycle!



This past fall three schools in the Warrenton area (C.M. Bradley Elementary, P.B. Smith Elementary and Warrenton Middle) placed recycling/trash containers out on their ball fields to recycle their disposable drink containers. The schools will benefit by accumulating additional recycling.

Look for these containers this spring and help recycling in Fauquier County.



New recycling containers at school ball fields.

PLASTIC BAG RECYCLING COLLECTION

Ten Schools Compete for a TREX Park Bench



TREX park bench

Each year the Fauquier County Schools participate in the annual TREX plastic bag recycling contest. In past years participation has been moderate, this year 10 schools will be participating in this worthwhile contest. Each school was given a birdhouse made from composite wood and magnets for the students just for signing up. The winner will receive a park bench. Help support the following schools by giving them your plastic bags—Bradley, Brumfield, Coleman, Miller, Pierce, Smith, and Thompson Elementary, Cedar Lee Middle, Kettle Run High and Liberty High.

PLASTICS #1 – 7 RECYCLING PILOT PROGRAM

Possible Market Found – Test Shipment will Determine

Fauquier County has recycled #1 and #2 plastic bottles for more than 15 years. These containers have necks, are often used as drink or detergent bottles with strong recycling markets typically generating revenue between \$250 - \$600 per ton.



Plastics including clam shells, shampoo bottles, yogurt cups, & carry out containers

Given the increasing use of plastics, in mid-August the Department of Environmental Services began a pilot program to process difficult to recycle plastics #1-#7. These containers are variably used as yogurt cups, fresh fruit/vegetable clamshell containers, butter containers, and even medicine bottles. From materials that have been received since August, Environmental Services staff has successfully processed 30 bales to date but 39-42 bales are needed to create a full shipment to a prospective buyer.

In order to reach the shipment goal, a pilot collection program for plastics #1-#7 has been initiated at the **Corral Farm Residential Collection Site only**. Please place all **clean** plastics in the plastic/cans container (except plastic bags). Staff will sort the various collected plastics to create baled commodities for sale and shipment to interested buyers.

The initial shipment will evaluate quality and any marketable concerns, and determine the feasibility of a permanent collection program for these materials.

The goal for any recycling pilot program is to divert material from going into the landfill in a cost effective manner and as reasonably possible for customers. More information will be presented after the first shipment.

ALUMINUM FOIL RECYCLING

Market for Aluminum Foil In-Place

Fauquier County now accepts clean aluminum foil as a recyclable item. Each collection site has a special place for the collection of **clean** aluminum foil, which includes items such as foil wrap, pie plates, roasting pans, yogurt lids, candy wrappers, tinsel, garland, etc. There are two ways to determine if the material is recyclable aluminum foil. If it tears easily it may be pure aluminum but if you scrunch it into a ball and it reopens on its own, it is not recyclable. Please visit the Environmental Services website for more details on this material and the many others that are recycled.



If it tears, it is pure aluminum foil and can be recycled.

*Warrenton Library
America Recycles Day
2012 Display*



SAFETY TIP OF THE QUARTER

Make Your Collection Site Visit a Safe One

The Fauquier County collection system offers many essential residential services but as demonstrated by periodic injuries and accidents, it's apparent that handling and dropping off trash can be dangerous. Because trash is not clean and there's often a large amount of traffic in small, confined areas, there truly is a risk of injury or to have an accident.

Please consider the following tips for the safety of yourself and the Environmental Services staff who are there to assist you:

- Always keep young children and pets safely secured in vehicles
- Avoid climbing on walls, railings, and containers when unloading
- Try always to wear protective gloves when handling trash and containers
- To avoid cuts and punctures, hold bags from the top and not the bottom, and do not let the bag touch your body
- Place needles and other sharps in taped/closed puncture resistant containers (such as detergent bottles or coffee cans)
- Wear proper footwear (closed toe, hard-soled shoes)
- Never retrieve discarded materials from a container



Please make safety a #1 priority

Thank you for maintaining a safe environment for you and your family.

SAFE SHARPS DISPOSAL

Includes Needles, Syringes, Lancets and Other Sharp Objects

The following procedures for 'safe sharps disposal' are based upon Environmental Protection Agency (EPA) guidelines:

- **Discarded needles and other sharps pose a serious health risk to the public and solid waste workers including diseases such as HIV and hepatitis.**
- **To minimize exposure risks residents should place needles, syringes, lancets, and other sharp objects in a hard-plastic or metal container with a screw-on or tightly secured lid.** You may utilize other containers which meet the specifications of a safe sharps disposal container that may be found in your home or you may purchase containers specifically designed for the disposal of home sharps (which can be purchased at local drug stores).
- **Before discarding a sharps container please be sure to reinforce the lid with heavy-duty tape.** Do not put sharp objects in any container you plan to recycle, and please do not use glass or clear plastic containers. You may put the secured container in your regular household trash bag. If you throw the secured container out separately, please place a label on the outside clearly stating "Do Not Recycle". For safety at home, make sure that you keep all containers with sharp objects out of the reach of children and pets.



Disposing of needles, syringes, lancets, and other sharp objects in a hard-plastic or metal container with a screw-on or tightly secured lid minimizes exposure risks.

For more information, please contact the Fauquier County Department of Environmental Services at 540-422-8840 or by email at environmentalservicesdept@fauquiercounty.gov

TALKIN' TRASH WITH THE STAFF

Fauquier County Recycles! But did you know?

- Recycling in the United States saves the carbon equivalent of removing 36 million cars from the road. (Earth911)
- Five hundred homes could be heated for 200 years with all the wood and paper thrown away annually in the United States (General Electric Corporation)
- In 2010, Americans generated 250 million tons of trash and recycled and composted 85 million tons of this material. The amount of trash generated each day by each American is 4.43 pounds. (US Environmental Protection Agency)
- When you toss an aluminum can, you waste as much energy as you would if you filled that can half full of gasoline and poured it onto the ground. (Waste Age News)
- Every American throws away an average of 3 pounds of aluminum foil each year. Consider recycling your clean aluminum foil. (Earth911.org)
- The energy saved by recycling one glass bottle can light a 100-watt light bulb for four hours or run a computer for 30 minutes. (Waste Age News)
- Doubling the national recycling rate could create over 1 million new green jobs. (Global Alliance for Incinerator Alternatives)



NEWS

- With the Daylight Saving Time change on Sunday, March 10, Remote Collection sites will change their hours to 11am – 7pm on Mondays and Thursdays.
- All sites will be closed on Sunday, March 31st for Easter.
- Half Price Tire Recycling during April! (For residents and farms only)
- Our website (www.fauquiercounty.gov) is a wealth of information! There you can:
 - Sign-up for e-notification to receive updates, inclement weather and other notices.
 - See site locations and hours.
 - See list of recyclables accepted and locations where they can be taken.
- Stay connected! Like us on Facebook at FAUQUIER RECYCLES.
- Earth Day is on April 22nd and America Recycles Day is November 15th!



CORRAL FARM RESIDENTIAL COLLECTION SITE

7 days/week 7am-3pm

REMOTE RESIDENTIAL COLLECTION SITE

Mon & Thurs 9am-5pm (winter hrs)
11am-7pm (summer hrs)

Tues, Wed,
Fri, Sat, Sun 7am-3pm

REMINGTON RESIDENTIAL RECYCLING SITE

Monday 12pm-5pm (winter hrs)
2pm-7pm (summer hrs)

Wed, Fri, Sun 10am-3pm

Sat 7am-3pm

Tues, Thurs Closed

CORRAL FARM BULK RECYCLING AREA

Sunday closed

CORRAL FARM LANDFILL (COMMERCIAL)

Mon-Sat 7am-3pm