

**UMCES Appalachian Laboratory
301 Braddock Road
Frostburg, Maryland, 21532**

Agency Recycling Plan

The All StAR (**All State Agencies Recycle**) program is the name of the State government agency recycling program. All StAR agencies designate a Recycling Coordinator to manage their various sites throughout Maryland. They provide technical support to encourage recycling in their agencies sites and to facilitate reporting on collection activities.

History

Effective since 1988 and as amended, Environment Article § 9-1706 (a) of the Annotated Code of Maryland states that, “The Office of Recycling, in cooperation with the Department of General Services and other State agencies, shall develop a recycling plan that reduces by recycling the amount of the solid waste stream generated for disposal by the State government by at least 30% or to an amount that is determined practical and economically feasible, but in no case may the amount to be recycled be less than 15%.”

In March of 2001, Executive Order 01.01.2001.02 Sustaining Maryland's Future with Clean Power, Green Buildings and Energy Efficiency was signed. The Executive Order rededicates Maryland Government's commitment to recycling by requiring, State agencies to annually divert or recycle at least 20% of the waste they generate.

Amended in 2009, Environment Article § 9-1706 (b) and (c) of the Annotated Code of Maryland state that, “ the recycling plan under subsection (a) of this section shall include a system for recycling aluminum, glass, paper, and plastic generated for disposal by the State government, including the placement of collection bins in State-owned or State-operated office buildings in locations in the State where it is determined to be practical and economically feasible. By January 1, 2014, each State agency and unit of State government shall implement the recycling plan required under this section.”

State Agency Requirements

All State-owned and State-operated office buildings in locations in the State, where it is determined to be practical and economically feasible, are required to reduce by recycling, the amount of the solid waste stream generated for disposal by at least 20 percent, or to an amount that is determined practical and economically feasible, but in no case may the amount to be recycled be less than 10 percent. Maryland State Government is further required to recycle aluminum, glass, paper, and plastic in all State-owned and State-operated office buildings.

Summary

- 1) The Appalachian Laboratory’s plan has been in place and developing since 2002; prior to that our recyclable materials were combined with Frostburg State University.
- 2) Our program makes provisions for recycling the required glass, plastic (1&2), aluminum and paper to be in compliance with Article§ 9-1706 (b) and (c).

- Additionally our program also includes mixed cans, cardboard, batteries, lamps, books, toner, white goods, and electronics.
- 3) Bins were purchased and are in place in multiple locations throughout the facility for easy and obvious collection of recyclable materials.
 - 4) The Appalachian Laboratory reports recycling activities and totals annually to MDE's Recycling Coordinator via the All StAR Recycling Report Form. Additionally, AL reports these totals to the Allegany County Government as part of their reporting requirements.
 - 5) Recycling at the lab is promoted through signage, online postings, dedicated information boards, Bi-annual Open Houses and other public events.
 - 6) The plan is updated as necessary to keep with State and County Policies regarding recycling.

Implementation

Following are the details of the current Recycling Program that has been implemented at the University of Maryland Center For Environmental Science Appalachian Laboratory. This program serves to educate and promote recycling throughout the facility.

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Recycling Program

Here are some general reminders for recycling to keep our program working efficiently. Thanks for your cooperation in making the program a success. If you have any questions, please contact the AL Business Office.

- 1) To avoid odors and critters, **please rinse the cans, glass bottles and plastic bottles** before placing them in the bins.
- 2) Please place recyclables in proper bins through the building. This is important so they can be weighed before being transferred to the dumpsters for pickup by Burgmeier's.
- 3) Blue bins **are not GARBAGE CANS!**
- 4) Recyclable material bins (blue bins) are located on each floor of the lab and in the Administration area for the most common recyclables
- 5) These bins are for recyclables that are created or used in the lab. Although we encourage recycling at home as well as at work, we cannot be a drop-off site for home recyclables. This skews our recycling rate and increases the manpower needed to take items to the recycling center.

There are four dumpsters for recyclables at the Lab. Recyclables are collected in bins throughout the building, weighed and transferred to these dumpsters by maintenance staff.

- 1) MIXED PAPER
- 2) MIXED GLASS and METAL CANS
- 3) CO-MINGLED PLASTICS
- 4) CARDBOARD.

The following materials at AL have recycling bins located on each floor of the lab for easy placement of recyclables:

Co-Mingled Plastics 1 (PETE), 2 (HDPE), 4 (LDPE), 5 (PP) & 7 (Other)
No need to remove the lids/caps from bottles and jugs before placing in the recycling bin.

Burgmeier's Hauling, Inc. accepts co-mingled plastics 1,2,4,5 and 7. There is no need to separate plastics. Examples of Plastics accepted: Consumable Plastics: juice, soda, and water bottles, condiment bottles, cooking oil jugs; Personal Care Plastics: shampoo, conditioner, mouthwash, body wash, lotion Household Plastics: bleach, detergents, fabric softener, household cleaners

Plastics not accepted: plastic containers identified by **3 (PVC) or 6 (PS)**. Do not include Styrofoam plastic bags, plastic containers manufactured to hold poisonous or toxic substances; or

Nothing larger than 2 Gallons and nothing smaller than 2"x2".

These are collected throughout the building and placed in the dumpster for CO-MINGLED PLASTICS and collected on a regular basis by Burgmeier's Hauling.

Aluminum Cans

These should be rinsed before placing in the bins. Aluminum cans are recycled separately from Co-mingled metal cans. These are collected on a regular basis and taken to the [Allegany County](#) recycling center.

Co-Mingled Metal Cans (Aerosol, Steel)

Labels and lids are acceptable on metal cans. Any recyclable cans generated or used at the lab **should be rinsed** and placed in the mixed can recycling container located on each floor. EMPTY aerosol cans may be included with the mixed cans.

These are collected throughout the building and placed in the dumpster for MIXED GLASS and METAL CANS and collected on a regular basis by Burgmeier's Hauling.

Co-Mingled Glass (Clear, Brown, Green)

Clear, brown or green, glass bottles and jars can be recycled. Any recyclable glass generated or used at the lab should be rinsed and placed in the glass-recycling container located on each floor.

Glass not accepted: Do not place drinking glasses, window glass, blue or yellow glass, automobile glass, plate glass, light bulbs, or casserole or ceramic dishes, candle jars, vases, in the glass bin.

Laboratory glassware is not placed in the regular recycling bins. This is currently collected in safety-lined containers and properly disposed of.

These are collected throughout the building and placed in the dumpster for MIXED GLASS and METAL CANS and collected on a regular basis by Burgmeier's Hauling.

Mixed Paper

Office Paper, Newspapers and Inserts

Notebook paper, Photocopy & computer paper (white & light color), Memos, Envelopes (window/non window), Post-it notes, Letterhead, Green bar paper, Tablet Paper, Junk Mail - No need to remove staples.

Paper may be shredded or in sheets-Bags of shredded paper may be placed in this bin.

Paper not accepted: Food/candy wrappers, Paper plates, Paper cups, Paper towels, Carbon paper, very dark or bright colored paper.

Magazines, Catalogs, Phone Books.

Magazines are to be deposited in recycling bins marked magazines. Glossy paper catalogs are considered magazines and can be placed in the magazine recycling bins.

Not accepted in these bins: Hard covers, Hardback books, Tyvek envelopes

These are collected throughout the building and placed in the dumpster for MIXED PAPER and collected on a regular basis by Burgmeier's Hauling.

Cardboard

Corrugated cardboard is two heavy layers of cardboard with a ribbed middle section/waffle layer: pizza boxes, cardboard shipping cases, etc. Labels, staples, and tape are acceptable on corrugated cardboard.

Paperboard is flat, i.e. cereal boxes, 6 pack beverage cartons, tablet backs, cardboard tubes, etc. Kraft envelopes include the goldenrod or brown literature envelopes usually 8 1/5 x 11 or 9 x 12 sizes and CAN be recycled with the cardboard/paperboard.

Kraft Envelopes, Market Bags, brown shipping wrap, manila file folders - Kraft envelopes (brown and goldenrod), brown paper market bags, brown shipping paper/wrap and manila file folders can be recycled with the cardboard and paperboard.

Not accepted: Do not recycle cardboard or paperboard with a waxy finish or food residues. Remove all packing materials from cardboard/paperboard boxes – no bubble wrap, no plastic wrap, no Styrofoam, no Styrofoam peanuts, no wax paper, etc

These are collected throughout the building and placed in the dumpster for CARDBOARD and collected on a regular basis by Burgmeier's Hauling.

Batteries

Bins are available for both alkaline and rechargeable batteries. These are collected and shipped as necessary for recycling. Rechargeable and Alkaline are recycled through the [Call2Recycle](#) Program or through the [Allegany County](#) recycling center.

The following items are also recycled from the Lab, however individual bins are not available for these due to the special nature of the items. These are collected separately when replaced and recycled as necessary Please see the Barb Jenkins or Kristen Harper with any questions on the following recyclables:

Toner and Ink Jet Cartridges

These are collected separately and recycled through the county or shipped out as necessary for recycling through Xerox or Office Products Stores that accept used cartridges for recycling.

Fluorescent light tubes and Compact fluorescent lamps

These recycled through [Air Cycle Corporation](#). For safety reasons, the lamp recycling boxes are kept in the Maintenance area and filled by maintenance personnel as the lamps are replaced. Full boxes are shipped to the company for recycling as needed.

Appliances / white goods

These are collected separately taken to the [Allegany County](#) Recycling Center as necessary.

Electronic equipment

Computers, monitors, telephones, televisions, cell phones, etc. – these are collected and recycled at special collection events each year hosted by the [Allegany County](#) Recycling Center. This is usually based on a cost per pound but varies from year to year which items are subject to the cost.