



Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

Baltimore County Public Schools



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www.bcps.org

Pre-K to 12th Grade Public School System

Member since January 2017

Management and Leadership

Environmentally Preferable Purchasing

Baltimore County Public Schools uses environmentally preferred cleaning procedures at its facilities which serve all 21,225 staff members and 112,000 students on a daily basis. Our Environmentally Preferred Cleaning Procedure document outlines the environmentally preferable products and equipment we use as determined by third parties such as Green Seal and the Carpet and Rug Institute. It also outlines procedures and requires a 5-day staff training program to ensure that these practices are implemented properly. This policy is further supported by the Board of Education of Baltimore County Policy and Superintendent's Rule 3210 which encourages the use of environmentally preferred or "green" cleaning products throughout the school system.

Environmental Restoration or Community Environmental Projects

BCPS participates in the anti-litter "Clean Green 15 Challenge," designed by Baltimore County government and the Department of Environmental Protection & Sustainability to clean up Baltimore County communities. The anti-litter initiative is intended to encourage BCPS schools and community organizations to conduct litter clean-ups and beautification projects with environmental grants for schools as incentives.

In the first year of the campaign, 2014, the Clean Green 15 Challenge had more than 3,200 volunteers participating in more than 300 clean-ups that resulted in the removal of tons of litter from school campuses and communities.

Individual schools conduct tree plantings, stream clean ups, and other environmental restoration activities. For example, in 2012, Lansdowne Middle School planted 25 trees with a grant from Blue Water Baltimore (see www.bcps.org/news/2012/1218/ for information).

Waste

Recycling

The school system participates in Baltimore County's single stream recycling program. All schools have been outfitted with designated recycle dumpsters for single stream recycling. See below for the total tonnage of single stream recycling collected from Baltimore County Public Schools for calendar years 2014, 2015 and 2016. The increase in recycled material from year to year is evident.

<i>BCPS Single-Stream Tonnage</i>	
<i>Calendar Year</i>	<i>Tonnage Collected</i>
<i>2014</i>	<i>894</i>
<i>2015</i>	<i>1,209</i>
<i>2016</i>	<i>1,207</i>

Energy

Energy Efficiency

BCPS has 171 schools. In addition, its facility portfolio includes buildings used for administrative offices, maintenance and grounds depots, bus lots, etc.

Baltimore County Public Schools utilized energy performance contracting services to improve the energy efficiency of 29 schools. Energy efficiency projects included lighting retrofits, HVAC control upgrades, computer power management and co-generation. In the first year, the measures amounted to over \$1.5 million in utility cost savings.

BCPS is part of the Baltimore Regional Cooperative Purchasing Committee's (BRCPC) Energy Board. The Energy Board committee meets monthly with an energy consultant to advise BCPS and other local governments on energy purchases, changes in the market, and training.

BCPS also participates in a Demand Response program through its two curtailment management consultants. BCPS curtails electrical usage during designated hours on Demand Response Days to reduce stress on the electrical grid and reduce energy costs. BCPS utilizes Utility Bill Management software to run an analysis of electric, natural gas and fuel oil consumption for all BCPS owned buildings.

Each holiday, a shutdown list is sent out as part of BCPS's weekly bulletin informing the school that temperature setbacks will be in place and providing a list of items staff are to shut down to conserve energy during these unoccupied periods.

For scheduled maintenance and new construction, BCPS participates in utility rebate programs for the installation of energy efficient equipment.

Green Building

LEED Silver

Baltimore County Public Schools facilities portfolio contains three schools that have earned the LEED Silver designation:

*West Towson Elementary School
George Washington Carver Center for Arts and Technology
Mays Chapel Elementary School*

Two additional schools (Westowne Elementary and Lyons Mill Elementary) are currently under review for LEED Silver certification.

LEED Gold

Baltimore County Public Schools facilities portfolio contains one school that has earned the LEED Gold designation:

Dundalk /Sollers Point Technical High School

Other

Fifty-six schools have earned the Maryland Green School designation through the Maryland Association for Environmental & Outdoor Education (MAEOE). They are listed below.

*Arbutus Middle School
Bear Creek Elementary School
Berkshire Elementary School
Catonsville Elementary School
Catonsville Middle School
Chapel Hill Elementary School
Cromwell Valley Elementary School
Cockeysville Middle School
Dulaney High School
Dundalk Elementary School
Dundalk High School*

*Dundalk Middle School
Elmwood Elementary School
Fort Garrison Elementary School
Franklin Elementary School
Franklin Middle School
Glyndon Elementary School
Gunpowder Elementary School
Hampton Elementary School
Halsted Academy
Hereford High School
Hereford Middle School
Hillcrest Elementary School*

*Holabird Middle School
Jacksonville Elementary School
Joppa View Elementary
Loch Raven Technical Academy
Logan Elementary School
Lutherville Laboratory
McCormick Elementary School
Norwood Elementary School
Padonia International Elementary
School
Perry Hall High School
Perry Hall Middle School
Pikesville Middle School
Pine Grove Middle School
Pinewood Elementary School
Pleasant Plains Elementary School
Pot Springs Elementary School
Prettyboy Elementary School*

*Reisterstown Elementary School
Riderwood Elementary School
Ridgely Middle School
Seven Oaks Elementary School
Sparks Elementary School
Sparrows Point Middle School
Sparrows Point High School
Stoneleigh Elementary School
Sudbrook Magnet Middle School
Summit Park Elementary School
Timonium Elementary School
Towson High School
Wellwood International School
West Towson Elementary School
Westchester Elementary School
Western School of Technology
Westowne Elementary School
Windsor Mill Middle School*



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at green.maryland.gov

