



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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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. This campaign has 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).

Additionally, many schools have achieved the Maryland Association for Environmental & Outdoor Education (MAEOE) MD Green School or MD Sustainable School Certification, that requires the school to complete various environmentally-focused initiatives, including, but not limited to, establishing No-Mow Zones, installing bluebird boxes, and planting native gardens. As of 2020, BCPS has 53 Certified MD Green Schools and 11 MD Sustainable Schools, outlined under the section titled “Other” on page 4.

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 2014-2019.

<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>1,190</i>
<i>2017</i>	<i>1,465</i>
<i>2018</i>	<i>983</i>
<i>2019</i>	<i>1,076</i>

Composting

During the 2019-2020 schoolyear, BCPS initiated a Food Waste Composting Program at three locations (2 elementary schools and 1 high school) for all cafeteria food waste generated at the chosen schools.

Energy

Energy Efficiency

BCPS has 173 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 over 150 schools/facilities. Energy efficiency projects included lighting retrofits and replacements, HVAC control upgrades, fuel conversion of heating plants, plug load management and co-generation. In the first year, the measures amounted to over \$1.5 million in utility cost savings.

BCPS is a participant on 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.

*The slogan **STRIVE TO KEEP ENERGY WASTE AT ZERO!** is used to remind staff to shutdown energy consuming equipment during unoccupied periods.*

Water



Water Conservation

Under the three Energy Performance Contracts, to reduce water consumption, BCPS installed various low-flow and energy efficient technologies to upgrade numerous fixtures, including: lavatory and kitchen faucets, urinals, toilets, showerheads, kitchen pre-rinse sprayers, cooling tower deduct meters, and ice machines. These upgrades occurred at 36 schools or facilities throughout BCPS.

Green Building



LEED Silver

Baltimore County Public Schools facilities portfolio contains ten schools that have earned the LEED Silver Certification, is pursuing a certification, or has a certification pending:

*George Washington Carver School for the Arts and Technology
Mays Chapel Elementary School
Relay Elementary School*

*Westowne Elementary School
West Towson Elementary School
Honeygo Elementary School (Pending)
Lansdowne Elementary School (Pending)
Lyons Mill Elementary School (Pending)
Victory Villa Elementary School (Pending)
Dundalk Elementary School (Pursuing)
Berkshire Elementary School (Pursuing)
Chadwick Elementary School (Pursuing)
Colgate Elementary School (Pursuing)*

LEED Gold

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

Dundalk /Sollers Point Technical High School

Environmental Certification Programs, Awards, and Other Activities



Maryland Green Schools

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

*Arbutus Middle School
Battle Monument School
Bear Creek Elementary School
Berkshire Elementary School
Catonsville Elementary School
Catonsville Middle School
Chapel Hill Elementary School
Cockeysville Middle School
Cromwell Valley Elementary School
Deer Park Middle School
Dumbarton Middle School
Eastern Technical High School
Edgemere Elementary School
Fort Garrison Elementary School
Franklin Middle School
Fullerton Elementary School*

*Gunpowder Elementary School
Hampton Elementary School
Holabird Middle School
Jacksonville Elementary School
Kenwood High School
Lyons Mill Elementary School
Mays Chapel Elementary School
Milbrook Elementary School
Norwood Elementary School
Padonia International Elementary School
Parkville Middle 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
Randallstown Elementary
Reisterstown Elementary School
Riderwood Elementary School
Ridgely Middle School
Rodgers Forge Elementary School
Seven Oaks Elementary School
Sparrows Point Middle School*

*Sparrows Point High School
Stoneleigh Elementary School
Sudbrook Magnet Middle School
Summit Park Elementary School
Timonium Elementary School
Wellwood International School
West Towson Elementary School
Westchester Elementary School
Westowne Elementary School
Windsor Mill Middle School*

Maryland Sustainable Schools

Eleven schools have earned the Maryland Sustainable School designation through the Maryland Association for Environmental & Outdoor Education (MAEOE). They are listed below.

*Berkshire Elementary School
Dulaney High School
Dundalk Middle School
Glyndon Elementary School
Hereford High School
Hereford Middle School*

*Hillcrest Elementary School
Lutherville Laboratory Elementary
School
Sparks Elementary School
Towson High School
Western School of Technology*

U.S. Department of Education Green Ribbon Schools

Wellwood International Elementary School was recognized as a U.S. Department of Education Green Ribbon School Honoree. This recognition distinguishes this school as one that demonstrates the successful progress in the areas of 1) reducing environmental impacts; 2) improving health and wellness; 3) offering effective environmental and sustainability education.

Profile Updated December 2020



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

Learn more at green.maryland.gov

