



**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



9610 Pulaski Park Drive, Suite 204

Baltimore, MD 21220

443-809-0430

www.bcps.org

Pre-K to 12th Grade Public School System

Member since January 2017

Management and Leadership



Environmental Policy Statement

The BCPS Department of Facilities Management and Strategic Planning has developed a Sustainability Plan with the mission of establishing sustainable school facilities and encouraging student environmental stewardship. Additionally, to further demonstrate this commitment to sustainability, in August 2022, the Board of Education of Baltimore County adopted [Policy #3540, Energy Conservation and Sustainability](#), that directs the school system to incorporate sustainable practices to the extent that is reasonable and practical in all school system operations.



Environmentally Preferable Purchasing

Baltimore County Public Schools uses environmentally preferred cleaning procedures at all schools and support facilities. 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; more data can be found on the [Clean Green 15 Litter Challenge Dashboard](#).

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 January 2025, BCPS has 35 Certified Green Schools and 26 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 2014-2024.

**Due to the COVID-19 pandemic, BCPS shifted to a virtual learning environment from March 16, 2020 through June 2021.*

BCPS Single-Stream Tonnage	
Calendar Year	Tonnage Collected
2014	894
2015	1,209
2016	1,207
2017	1,465
2018	983
2019	1,076
2020*	381
2021*	825
2022	519
2023	575
2024	1008.73



Composting

During the 2019-2020 schoolyear, BCPS initiated a Food Waste Compost Program at three locations (2 elementary schools and 1 high school) for all cafeteria food waste generated at the participating schools. Though one elementary school discontinued their participation in December 2019, all participating schools were able to divert 28,860 pounds of food waste from the landfill, between the months of September 2019 and March 2020. Due to the COVID-19 pandemic and the shift to a virtual learning environment, BCPS did not participate in the Food Waste Compost Program for the remainder of the schoolyear, or during the 2020-2021 schoolyear.

During the 2021-2022 schoolyear, BCPS expanded the Food Waste Compost Program to include five schools (3 elementary schools and 2 high schools). In total, these participating schools diverted 62,587 pounds of food waste from the landfill. This data also includes compostable serving trays utilized in the cafeteria.

During the 2022-2023 schoolyear, BCPS expanded the Food Waste Compost Program to include seven schools (4 elementary schools and 3 high schools). In total, these schools diverted 59,685 pounds of food waste from the landfill. This data also includes compostable serving trays utilized in the cafeteria.

During the 2023-2024 schoolyear, BCPS expanded the Food Waste Compost Program to include twelve schools (6 elementary schools, 3 middle schools, and 3 high schools). In total, these schools diverted 131,998 pounds of food waste from the landfill.

During the 2024-2025 schoolyear, BCPS continued the Food Waste Compost Program with twelve schools (6 elementary schools, 3 middle schools, and 3 high schools). As of January 2025, these schools have diverted 92,236 pounds of food waste from the landfill. This data also includes compostable serving trays utilized in the cafeteria.

Energy



Energy Efficiency

In addition, to the 176 schools that encompasses BCPS, 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 in three separate energy performance contracts (EPCs). 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.

A breakdown of carbon dioxide (CO₂) emissions reduced for each contract is displayed below. EPC 2 emissions reduction data is unavailable at this time.

CO₂ Emissions Reduced			
Year	EPC 1	EPC 2*	EPC 3
Install	8,573		3,349
1	8,056		15,950
2	9,716		15,843
3	9,610		15,720
4	10,407		16,469
5	10,110		15,320
6	8,756		7,239
7	10,574		
8	9,781		
9	9,537		
10	4,838		
Total to Date	99,958		89,890

**EPC 2 Emissions data unavailable at this time.*

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.

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



Renewable Energy

BCPS has photovoltaic arrays (solar panels) located at two elementary schools: Berkshire Elementary and Rossville Elementary. Berkshire ES was commissioned in March 2022 and Rossville ES was commissioned in September 2022. Annual solar generation for each school can be found on the table below:

Calendar Year	Rossville ES Solar Generation (MWh)	Berkshire ES Solar Generation (MWh)
2022	18.98	15.19
2023	83.14	17.47
2024	82.57	17.69

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 twenty schools that have earned the LEED Silver Certification, are pursuing a certification, or has a certification pending:

*West Towson Elementary School (2012)
George Washington Carver School for the Arts and Technology (2014)
Mays Chapel Elementary School (2017)
Lyons Mill Elementary School (2017)
Westowne Elementary School (2017)
Relay Elementary School (2018)
Honeygo Elementary School (2020)
Lansdowne Elementary School (2020)
Berkshire Elementary School (2022)
Chadwick Elementary School (2022)
Colgate Elementary School (2022)
Rossville Elementary School (2024)*

*Bedford Elementary School (Pursuing)
Deer Park Elementary School (Pursuing)
Nottingham Middle School (Pursuing)
Red House Run Elementary School (Pursuing)
Summit Park Elementary School (Pursuing)
Lansdowne High School (Pursuing)*

Scotts Branch Elementary School (Pursuing)
Victory Villa Elementary School (Pursuing)

☒ **LEED Gold**

Baltimore County Public Schools facilities portfolio contains two schools that have earned the LEED Gold designation:

Dundalk /Sollers Point Technical High School (2015)
Dundalk Elementary School (2021)

☒ **Green Globes**

Baltimore County Public Schools facilities portfolio contains two schools that are currently pursuing Green Globes Certification:

Dulaney High School (Pursuing)
Towson High School (Pursuing)

Environmental Certification Programs, Awards, and Other Activities

☒ **Maryland Green Schools**

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

Arbutus Middle
Battle Monument
Bear Creek Elementary
Catonsville Elementary
Catonsville Middle
Chatsworth School
Deer Park Middle Magnet School
Dumbarton Middle
Dundalk Elementary
Eastern Technical High
Edgemere Elementary
Fort Garrison Elementary
Fullerton Elementary
Hampton Elementary
Kenwood High

Lyons Mill Elementary
Milbrook Elementary
Overlea High
Padonia International Elementary
Parkville Middle
Perry Hall Middle
Pikesville Middle
Pleasant Plains Elementary
Randallstown Elementary
Riderwood Elementary
Ridge Ruxton School
Rodgers Forge Elementary
Rosedale Center
Sandy Plains Elementary
Seven Oaks Elementary

*Sparrows Point High
Sparrows Point Middle
Watershed Public Charter School*

*Wellwood International
West Towson Elementary*

☒ **Maryland Sustainable Schools**

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

*Berkshire Elementary
Cockeysville Middle
Cromwell Valley Elementary
Dulaney High
Dundalk Middle
Glyndon Elementary
Hereford High
Hereford Middle
Hillcrest Elementary
Holabird Middle
Jacksonville Elementary
Lutherville Laboratory
Norwood Elementary*

*Pine Grove Middle
Pinewood Elementary
Perry Hall High
Pot Spring Elementary
Prettyboy Elementary
Reisterstown Elementary
Ridgely Middle
Sparks Elementary
Stoneleigh Elementary
Sudbrook Magnet Middle
Timonium Elementary
Towson High
Western School of Technology*

☒ **U.S. Department of Education Green Ribbon Schools**

This recognition distinguishes schools 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. BCPS has three schools that have received this recognition:

*Wellwood International Elementary School (2020)
Watershed Public Charter School (2022)
Lutherville Laboratory (2024)*

