



2020 Annual Recycling and Waste Reduction Report

Montgomery County Public Schools

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Report statistics

Signed by: John Meyer
Report Submitted:02/01/2021
Report Approved:05/18/2021

For these materials	Your 2020 Recycling Rate is
Required recyclable materials	64.6
Required + voluntarily recycled materials	85

This Report covers:

Employees 24246
Building space 27162617 square feet
Green area 3885 acres

Required Recyclable Materials

Mixed paper: 2577300 pounds

Container type	# of containers	Pickup freq	Hauler/Collector	Quantity
8-cubic yard dumpster	257	2 per week	Bates Trucking Trash Removal, Inc.	2577300 pounds

Corrugated cardboard collected separately: 473900 pounds

Container type	# of containers	Pickup freq	Hauler/Collector	Quantity
30-cubic yard roll-off	1	1 per oncall	Bates Trucking Trash Removal, Inc.	473900 pounds

Shredded paper collected separately: 102500 pounds

Container type	# of containers	Pickup freq	Hauler/Collector	Quantity
30-cubic yard roll-off	1	1 per oncall	CLEAN CUT SHREDDING/GEORGETOWN PAPER STOCK	102500 pounds

Commingled materials: 1238380 pounds

Container type	# of containers	Pickup freq	Hauler/Collector	Quantity
8-cubic yard dumpster	229	2 per week	Bates Trucking Trash Removal, Inc.	1238380 pounds

Scrap metal: 6729560 pounds

Container type	# of containers	Pickup freq	Hauler/Collector	Quantity
30-cubic yard roll-off	1	1 per oncall	Multiple Haulers(Best Battery,Jasper,KNeal,Johnson Towers)	16660 pounds
30-cubic yard roll-off	1	1 per oncall	Sun Recycling LLC	4960260 pounds
30-cubic yard roll-off	1	1 per oncall	American Bus	1320 pounds
30-cubic yard roll-off	1	1 per oncall	Carroll Scrap Metal	18160 pounds
30-cubic yard roll-off	1	1 per oncall	Allegany Scrap	40600 pounds
30-cubic yard roll-off	1	1 per oncall	Ritchie Landfill	144800 pounds
30-cubic yard roll-off	1	1 per oncall	Cockey's Enterprises, Inc.	348520 pounds
30-cubic yard roll-off	1	1 per oncall	Rockville Metal	10500 pounds
30-cubic yard roll-off	1	1 per oncall	Joseph Smith & Sons, Inc	12000 pounds
30-cubic yard roll-off	1	1 per oncall	EAI	196340 pounds
30-cubic yard roll-off	1	1 per oncall	Brandywine Disposal, Inc.	2180 pounds
30-cubic yard roll-off	1	1 per oncall	Montgomery Scrap Corporation	978220 pounds

Yard trim (grass / leaves / brush / garden trimmings): 1431860 pounds

Container type	# of containers	Pickup freq	Hauler/Collector	Quantity
Multiple container types used	1	1 per oncall	Self-haul/backhaul - Montgomery County Shady Grove Processing Facility and Transfer Station	857860 pounds
Multiple container types used	1	1 per oncall	Bartlett Tree Experts	128000 pounds
Multiple container	1	1 per oncall	MEAD TREE & TURF	446000 pounds

types used

Voluntary Recyclable Materials**Batteries (mixed types): 67820 pounds**

Container type	# of containers	Pickup freq	Hauler/Collector	Quantity
Multiple container types used	1	1 per oncall	The Best Battery Co., Inc.	67820 pounds

Construction / Demolition debris (drywall / bricks / concrete / asphalt / etc.): 26022280 pounds

Container type	# of containers	Pickup freq	Hauler/Collector	Quantity
30-cubic yard roll-off	1	1 per oncall	Brandywine Disposal, Inc.	17360 pounds
30-cubic yard roll-off	1	1 per oncall	Waste Management of Maryland	16080 pounds
30-cubic yard roll-off	1	1 per oncall	EAI	7267060 pounds
Multiple container types used	1	1 per oncall	Self Hauled Montgomery County Transfer Station	2765060 pounds
30-cubic yard roll-off	1	1 per oncall	Sun Recycling LLC	807080 pounds
30-cubic yard roll-off	1	1 per oncall	Cockey's Enterprises, Inc.	2144780 pounds
30-cubic yard roll-off	1	1 per oncall	Ross Contracting	12651780 pounds
30-cubic yard roll-off	1	1 per oncall	DC MATERIALS INC	44000 pounds
30-cubic yard roll-off	1	1 per oncall	Ritchie Landfill	309080 pounds

Electronic waste (computers / printers / monitors / cords / disks / CDs / DVDs / etc.): 159500 pounds

Container type	# of containers	Pickup freq	Hauler/Collector	Quantity
Multiple container types used	1	1 per oncall	SYCAMORE INTERNATIONAL	159500 pounds

Lights (fluorescent tubes / bulbs / ballasts / LED lights): 1600 pounds

Container type	# of containers	Pickup freq	Hauler/Collector	Quantity
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Multiple container types used	1	1 per oncall	CNRobinson Lighting Supply Co.	1600 pounds
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Oil (cooking / grease): 5080 pounds

Container type	# of containers	Pickup freq	Hauler/Collector	Quantity
Multiple container types used	1	1 per oncall	Revolution Biofuels	5080 pounds

Oil (motor): 112900 pounds

Container type	# of containers	Pickup freq	Hauler/Collector	Quantity
50- or 55-gallon container	4	1 per oncall	Heritage-Crystal Clean LLC	112900 pounds

Tires: 72620 pounds

Container type	# of containers	Pickup freq	Hauler/Collector	Quantity
Multiple container types used	1	1 per oncall	S&S Tire Service	26620 pounds
Multiple container types used	1	1 per oncall	Emmanuel Tire Co	46000 pounds

Trash**Trash: 6871180 pounds**

Container type	# of containers	Pickup freq	Hauler/Collector	Quantity
Multiple container types used	1	2 per week	Self-haul/backhaul - Shady Grove Transfer Station	6061180 pounds
30-cubic yard roll-off	1	1 per oncall	Sun Recycling LLC	15320 pounds
30-cubic yard roll-off	1	1 per oncall	Cockey's Enterprises, Inc.	140920 pounds
30-cubic yard roll-off	1	1 per oncall	Brandywine Disposal, Inc.	2180 pounds
30-cubic yard roll-off	1	1 per oncall	Ritchie Landfill	192360 pounds
30-cubic yard roll-off	1	1 per oncall	Waste Management of Maryland	21960 pounds
30-cubic yard roll-off	1	1 per oncall	EAI	437260 pounds

Education

EDUCATION & OUTREACH: MCPS is committed to being a catalyst and champion for environmental stewardship and social responsibility while fostering a culture of sustainability that permeates all aspects of the educational experience. We believe that sustainability is a collaborative, interdisciplinary field to which all members of the MCPS community contribute. We collaborate with students/staff and the community to facilitate the integration of sustainability principles and practices into operations, academics, student engagement, and administration. We strive to exemplify sustainability leadership as we contribute to the education of the next generation of leaders. In 2020, MCPS created a new Division of Sustainability and Compliance to further our goal to be a sustainable school system. MCPS contributed significantly and continues to be a strong partner in the development of Montgomery County's Climate Action Plan (CAP). MCPS looks forward to implementing the actions of CAP as we collaboratively work towards achieving Montgomery County's goal of reducing greenhouse gas emissions (GHG) by 80% by 2027 and a 100% reduction by 2035. Even during this global pandemic, MCPS continues to actively promote Maryland Green Schools. As of 2020, 89 MCPS schools are now Maryland Green School certified. Oakland Terrace was awarded the 2020 U.S. Department of Education's Green Ribbon School Award. Since the beginning of the award in 2012, 11 MCPS schools are the proud recipient of the Green Ribbon School award.

Waste Reduction/Reuse

Pursuant to MCPS regulation ECF-RC, all MCPS schools, centers, and facilities have mandatory recycling programs for paper/cardboard, commingle material products, yard waste, and scrap metal. In addition to these required recycling programs, MCPS recycles nearly 20 different types of materials that include motor oil, tires, computers, batteries, toner cartridges, tires, vegetable oil, construction debris, fluorescent light bulbs, and others. The MCPS Division of Construction and Design implements guidelines for construction waste management for all our construction projects. The goal is to reduce construction and demolition waste on job sites through the implementation of the Construction Waste Management Plan. The Division of Maintenance and Operations salvages many items and equipment from schools that are designated for revitalization and before the demolition of the old building structure. Examples of salvaged items include Energy Management Systems controls, trash compactors, water fountains, stage curtains, air compressors, backup emergency generators, door locks, closers, kitchen equipment, faucets and sinks, water heaters, backflow preventer valves, lighting, transfer switches, water circulating pumps, door openers, and electrical breaker panels, and others. During 2020, largely due to the pandemic, MCPS switched over to distance/remote learning and as a result, many Chromebooks were needed to be purchased for staff and students. This monumental task was accomplished while keeping sustainability in mind. By working with our integration contractor, the Chromebooks shipments were repackaged to contain 15 chrome books per box instead of being individually packaged. While this reduced the amount of cardboard that MCPS would have recycled, it certainly was the better environmental option to reduce in the first place. MCPS continues to donate books to The World Bank Book Project, where books are sent to be used in countries around the world that need them most. In 2020, due to the global pandemic, MCPS operations like many others have been drastically changed. During these challenging times, MCPS remains committed to reduce waste by all means possible and increase recycling. **BF Notes:** MCPS does a great job of recycling. Currently they recycle 85% of all materials in Construction projects. For the 2021 year, they mentioned they were using cal2recycle for batteries, but were being charged \$7 per box which they could not afford. Now that the transfer station is accepting more batteries, MCPS plans to bring batteries to our transfer station for recycling. COVID provided a lot of challenges, many schools were closed, but they were unable to freeze waste and recycling pickups and diminish costs so instead, they continued to pay the same flat rate on contract but successfully negotiate reduced pickup to 1x/wk to reduce carbon emissions.

Businesses/Properties covered by this Report

Business/Property Name	Business / Property Address
	Onsite contact
	Property Management Company

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	Montgomery County Public Schools, Ph: 240-314-4708 Ext:

Report submitted to
Montgomery County, Maryland
Division of Solid Waste Services, Department of Environmental Protection
2425 Reddie Dr., 4th Floor, Wheaton, Maryland 20902
Multi-Family Recycling Program: 240-777-6446 · Non-Residential Recycling Program: 240-777-6486
www.montgomerycountymd.gov/recycling

