

**CITY OF BALTIMORE  
COUNCIL BILL 15-0591  
(Resolution)**

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Introduced by: The Council President  
At the request of: The Administration (Department of Public Works)  
Introduced and read first time: November 9, 2015  
Assigned to: Judiciary and Legislative Investigations Committee

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REFERRED TO THE FOLLOWING AGENCIES: City Solicitor, Planning Commission, Department of Public Works, Department of Finance

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A RESOLUTION ENTITLED

1 A RESOLUTION OF THE MAYOR AND CITY COUNCIL concerning

2 **Solid Waste Management Plan for 2013-2023 – Amendments**

3 FOR the purpose of amending the City’s Solid Waste Management Plan for 2013-2023 to include  
4 certain supplemental information required by the State; providing for a special effective date;  
5 and generally relating to the Solid Waste Management Plan for Baltimore City.

6 **Recitals**

7 State law (Environment Article § 9-503 and COMAR 26.03.03) requires each county and  
8 Baltimore City to (i) adopt and maintain a comprehensive solid waste plan that covers at least  
9 the succeeding 10-year period and (ii) periodically review and, as needed, amend or revise its  
10 plan.

11 The City’s most recent plan – the Solid Waste Management Plan for 2013-2023 – was  
12 adopted by Resolution 14-019, effective October 30, 2014.

13 The Maryland State Department of the Environment has since directed that this Plan be  
14 amended to include certain supplemental information required by State law.

15 The Department of Public Works has prepared amendments to the Plan to comply with the  
16 State’s directives, as shown on the attached pages excerpted from the Plan. All changes are  
17 **highlighted** and further identified with SMALL CAPITALS TO INDICATE MATTER ADDED TO THE  
18 PLAN and with [Brackets to indicate matter deleted from the Plan].

19 **SECTION 1. BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF BALTIMORE,** That the  
20 attached amendments to the Solid Waste Management Plan for 2013-2023 are approved and  
21 adopted.

22 **SECTION 2. AND BE IT FURTHER RESOLVED,** That this Resolution takes effect when it is  
23 enacted.

EXPLANATION: Underlining indicates matter added by amendment.  
~~Strike-out~~ indicates matter deleted by amendment.





STEPHANIE  
RAWLINGS-BLAKE  
MAYOR



BALTIMORE CITY  
DEPARTMENT OF PUBLIC WORKS  
RUDOLPH S. CHOW, P. E.  
DIRECTOR

# 10 Year Solid Waste Management Plan for 2013-2023

**(AS AMENDED BY CITY COUNCIL RESOLUTION 15-\_\_\_\_\_)**

**CITY OF BALTIMORE**

**Stephanie Rawlings-Blake**

*Mayor*

**DEPARTMENT OF PUBLIC WORKS**

**Rudolph Chow, P.E.**

*Director*

**BUREAU OF SOLID WASTE**

**Valentina I. Ukwuoma**

*Bureau Head*



#### 4 10-Year Solid Waste Management Plan

contributing to the Plan were Baltimore City Department of Planning, Northeast Maryland Waste Disposal Authority, and neighboring counties. A draft version of the plan was submitted to Maryland Department of Environment for preliminary review and comment prior to developing the final plan, which was later submitted to the Baltimore City Council. A series of public meetings and hearings were held, in addition to City Council review. Final review was completed after receiving comments during the approval process for the 2013-2023 plan. After incorporating plan comments from all stakeholders, the Mayor and City Council [approved] ADOPTED the final plan on OCTOBER 30, 2014, [and] WITH AMENDMENTS ADOPTED ON [The approval resolution is] THE ADOPTING AND AMENDATORY COUNCIL RESOLUTIONS ARE included in Appendix [E] G. THE MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVAL LETTER IS INCLUDED ON THE FOLLOWING PAGE.

#### **[Certification]**

[This Ten-Year Solid Waste Management Plan (2013-2023) is certified by \_\_\_\_\_ to be in compliance with the Code of Maryland Regulations Title 26, Subtitle 03, Chapter 03. The Planning Commission's recommendation to the City Council is included in Appendix E.]

*{PLACEHOLDER PAGE FOR MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVAL LETTER}*

The City’s comprehensive zoning regulations also accommodate facilities for managing special categories of solid waste. For example:

- Handling of radioactive waste is conditionally allowed, with Zoning Board approval, in the M2 (general industrial) and M3 (heavy industrial) districts.
- Handling and storage of hazardous materials (as defined in Title 7 of the Environment Article Annotated Code of Maryland) are conditionally allowed, with enactment of a City ordinance, in the M3 (heavy industrial) district. Composting of sewage sludge or yard waste is also an industrial use. These facilities require MDE and City Council approval.
- Dismantling, processing, and storing of scrap metal and discarded automobiles are conditionally allowed, with Zoning Board approval, in the M3 (heavy industrial) district. These uses are distinguished from materials recovery facilities because they require outdoor storage of large items, and include ferrous metal.

The City’s zoning regulations are included in Appendix C.

Solid Waste Management Facility	Permitted Zones	Condition
Incinerators (Commercial or Municipal)	M3	City Ordinance
City Operated Sanitary Landfill Accepting Mixed Refuse	Exempt from Zoning	City Ordinance
Landfill Not Accepting Mixed Refuse	M2, M3	Zoning Board Approval
Recyclable Materials Facilities- All Storage Indoors	B3	City Ordinance
Recyclable Materials Facilities- With Outdoor Storage	M2, M3	Zoning Board Approval
Recycling Collection Stations:		
Separate	B1-5, M1-3	Zoning Board Approval
Accessory to a School, Church, Recreation or Public Facility	R1-10	Zoning Board Approval
<i>*Information drawn from Baltimore City Zoning Code "Table of Uses</i>		

**2.4 LAND USE PLAN**

Because Baltimore is Maryland’s premier metropolitan area and presents unique land use challenges, the City, in its entirety, is designated as a Priority Funding Area by the State. The revitalization of the City’s neighborhoods and preservation of their unique community character are major policies of the City, as articulated in the City’s Comprehensive Plan. Implemented in 1976 and MOST RECENTLY revised on SEPTEMBER 9, 2009 [as recently as 2009], the City’s Comprehensive Plan provides the policy basis for guiding redevelopment and revitalization of the City’s developed neighborhoods. Many other programs and urban renewal plans have been adopted and are *de facto* components of the plan.





collected. The Recycling Office is working on additional outreach and networking with the schools to increase participation rates for BCPSS.

***Fluorescent and Compact Fluorescent Lights that Contain Mercury***

Baltimore City began collecting fluorescent lighting in conjunction with the Household Hazardous Waste (HHW) Drop-off Program in 1997.

Since 1997, Baltimore City had been conducting generally two HHW Drop-off Days per year. The events were held at the Old Memorial Stadium parking lot, the Polytechnic Institute and Patterson High School. The events were free of charge to residents of Baltimore City. The HHW events were conducted by a licensed hazardous waste collection contractor. Their responsibilities with fluorescent light collection included proper containerization, transportation and recycling of all collected material

Baltimore City established a Household Hazardous Waste Drop-Off program at its Northwest Citizens Convenience Center in October 2011. The program runs yearly, the first Friday and Saturday of the month from April through October and allows residents to drop off the fluorescent lighting. The first event was October 28 and 29, 2011.

In addition to directing residents to our HHW Drop-off Days to dispose of fluorescent lighting, the City also directs them to local retail establishments that also offer the service free to the public on a year-round basis.

Our current vendor for our Household Hazardous Waste Drop-Off Program at the Northwest Citizens Convenience Center is Clean Harbors Environmental Services. The recycling destinations of the material collected from the Household Hazardous Waste Drop-Off Program is either the Clean Harbors TSDf at 309 American Circle in El Dorado, AR, 71730 or their TSDf at 4879 Spring Grove Ave., Cincinnati, OH, 45232. Mr. Christopher Maciejewski, Technical Services Specialist, with Clean Harbors is one the Bureau's contacts. For further information, he can be reached at 301-939-6019.

A calendar will be sent to all City residents with drop-off dates for the Household Hazardous Waste events and the dates will be announced through the mainstream and social media.

***CITY OF BALTIMORE SPECIAL EVENTS RECYCLING***

***A. SPECIAL EVENTS SUBJECT TO THE RECYCLING PROGRAM:***

ENVIRONMENT ARTICLE, §9-1712, ANNOTATED CODE OF MARYLAND, REQUIRES SPECIAL EVENTS ORGANIZERS TO PROVIDE FOR RECYCLING AT SPECIAL EVENTS THAT MEET THE FOLLOWING THREE CRITERIA:

1. INCLUDES TEMPORARY OR PERIODIC USE OF A PUBLIC STREET, PUBLICLY OWNED SITE OR FACILITY, OR PUBLIC PARK;
2. SERVES FOOD OR DRINK; AND
3. IS EXPECTED TO HAVE 200 OR MORE PERSONS IN ATTENDANCE.

PROJECTED ATTENDANCE MAY BE ESTIMATED BASED ON PAST ATTENDANCE, NUMBER REGISTERED TO ATTEND, THE VENUE'S SEATING CAPACITY OR OTHER SIMILAR METHODS.

THE CITY OF BALTIMORE HAS IDENTIFIED THE FOLLOWING PUBLIC SITES WITHIN THE CITY THAT HOST OR MAY HOST SPECIAL EVENTS MEETING THE ABOVE CRITERIA. IN ADDITION TO THE SITES LISTED INDIVIDUALLY, SPECIAL EVENTS TAKING PLACE ON ANY LOCAL, STATE, OR FEDERALLY OWNED STREETS ARE ALSO INCLUDED IN THE SPECIAL EVENTS RECYCLING PROGRAM (SERP).

***CITY-OWNED SITES:***

APPENDIX H LISTS ALL CITY-OWNED SITES THAT HOST OR MAY HOST SPECIAL EVENTS MEETING THE ABOVE CRITERIA.

IT IS UNDERSTOOD THAT ANY BLOCK ON ANY CITY OF BALTIMORE STREET MAY BE ISSUED A PERMIT FOR A "BLOCK PARTY" WHICH MAY OR MAY NOT BE SUBJECT TO §9-1712; THEREFORE EVERY BLOCK IS A POTENTIAL SITE.

STATE-OWNED SITES:

THERE ARE NO STATE-OWNED SITES THAT HOST OR MAY HOST SPECIAL EVENTS MEETING THE ABOVE CRITERIA.

FEDERALLY-OWNED SITES:

NATIONAL PARK SERVICE  
FORT MCHENRY NATIONAL MONUMENT & HISTORIC SHRINE  
2400 EAST FORT AVE., BALTIMORE, MD 21230 – 5393

B. MATERIALS AND OBLIGATIONS:

SPECIAL EVENTS ORGANIZERS ARE RESPONSIBLE FOR:

1. PROVIDING AND PLACING RECYCLING RECEPTACLES ADJACENT TO EACH TRASH RECEPTACLE AT THE EVENT (EXCEPT WHERE ALREADY EXISTING ON SITE);
2. ENSURING THAT RECYCLING RECEPTACLES ARE CLEARLY DISTINGUISHED FROM TRASH RECEPTACLES BY COLOR OR SIGNAGE;
3. PROVIDING ANY OTHER LABOR AND EQUIPMENT NECESSARY TO CARRY OUT RECYCLING AT THE EVENT;
4. ENSURING THAT MATERIAL PLACED IN RECYCLING RECEPTACLES ARE COLLECTED AND DELIVERED FOR RECYCLING; AND
5. PAYING ANY COSTS ASSOCIATED WITH RECYCLING AT THE SPECIAL EVENT.

SPECIAL EVENTS ORGANIZERS MAY FULFILL THE REQUIREMENT TO ENSURE MATERIALS ARE COLLECTED AND DELIVERED FOR RECYCLING THROUGH ONE OR MORE OF THE FOLLOWING METHODS:

1. SELF-HAULING THE MATERIALS TO A BALTIMORE CITY RECYCLING DROP-OFF LOCATION;
2. CONTRACTING WITH A RECYCLING HAULER TO COLLECT THE MATERIALS AND DELIVER THEM FOR RECYCLING; OR
3. RECEIVING PRIOR AGREEMENT FOR THE SITE OWNER TO USE AN EXISTING RECYCLING COLLECTION SYSTEM AVAILABLE AT THE SITE.

THE SPECIAL EVENTS RECYCLING PROGRAM MUST INCLUDE COLLECTION OF AT LEAST PLASTIC, METAL AND GLASS CONTAINERS AND PAPER. THE SPECIAL EVENTS ORGANIZER MUST ASSESS THE AVAILABILITY OF FOOD SCRAPS RECYCLING SERVICES FOR THE EVENTS. IF SERVICES ARE AVAILABLE, THE SPECIAL EVENTS ORGANIZER MUST PROVIDE FOR FOOD SCRAPS RECYCLING, INCLUDING PROVISION OF SEPARATE CONTAINERS FOR ORGANIC AND NON-ORGANIC RECYCLABLE.

RECYCLING AT A STATE-OWNED SITE MUST FOLLOW THE STATE AGENCY'S RECYCLING PLAN, IF AVAILABLE. RECYCLING AT A FEDERALLY-OWNED SITE MUST FOLLOW ANY APPLICABLE FEDERAL RECYCLING PLAN. IF NO STATE OF FEDERAL RECYCLING PROGRAM IS AVAILABLE FOR THE SITE, THE SPECIAL EVENT ORGANIZER MUST SET UP A RECYCLING PROGRAM IN ACCORDANCE WITH THE SERP. RECYCLING AT MUNICIPALLY-OWNED SITES MUST FOLLOW ANY ADDITIONAL REGULATIONS ESTABLISHED BY THE CITY OF BALTIMORE.

C. STAKEHOLDERS:

THE FOLLOWING STAKEHOLDERS WILL BE INVOLVED IN THE SERP:

1. BUREAU OF SOLID WASTE: RESPONSIBLE FOR OVERSEEING THE RECYCLING OFFICE ACTIVITIES AND ASSURING THAT ALL PROPERTIES THAT POTENTIALLY HOST EVENTS FALLING UNDER THE RECYCLING MANDATE IN §9-1712 ARE INCLUDED IN THE SERP.
2. RECYCLING OFFICE IN COOPERATION WITH THE BALTIMORE CITY DEPARTMENT OF TRANSPORTATION, SPECIAL EVENTS AND STREET VENDORS SECTION: RESPONSIBLE FOR COMMUNICATING THE REQUIREMENTS OF THE LAW TO PROSPECTIVE SPECIAL EVENTS ORGANIZERS AND OWNERS/OPERATORS OF PUBLICLY-OWNED SITES IN THE CITY OF BALTIMORE. THE BUREAU OF SOLID WASTE WILL ALSO ASSIST EVENT ORGANIZERS BY OFFERING FESTIVAL RECYCLING BINS AS THEY ARE AVAILABLE AND RESOURCES ALLOW. THE SPECIAL EVENT RECYCLING NOTICE CAN BE FOUND IN APPENDIX I.
3. SPECIAL EVENTS ORGANIZER: RESPONSIBLE FOR PROVIDING RECYCLING BINS AND ENSURING COLLECTION FOR RECYCLING IN ACCORDANCE WITH THE REQUIREMENTS IN THE PREVIOUS SECTION B BEGINNING ON THE DATE THAT THIS RECYCLING PLAN IS ADOPTED.

**D. PROGRAM MONITORING:**

THE BUREAU OF SOLID WASTE, RECYCLING OFFICE AND SPECIAL EVENTS ORGANIZERS WILL MONITOR PROGRESS AND PERFORMANCE OF THE SERP.

RECYCLING AT EVENTS SUBJECT TO THE SERP WILL BE ENSURED AS FOLLOWS:

1. SPECIAL EVENTS PERMITS ISSUED FOR USE OF CITY OF BALTIMORE SITES WILL INCLUDE A STATEMENT ON THE PERMIT APPLICATION THAT RECYCLING IS REQUIRED FOR EVENTS SUBJECT TO THE SERP. THE APPLICATION FORM WILL REQUIRE A CERTIFICATION THAT THE SPECIAL EVENT ORGANIZER WILL PROVIDE FOR RECYCLING IN ACCORDANCE WITH THE REQUIREMENT OF THE SERP.
2. SPECIAL EVENTS PERMITS ISSUED BY THE CITY OF BALTIMORE WILL INCLUDE PROVISIONS FOR COMPLIANCE WITH THE SERP.
3. A FACT SHEET OR OTHER INFORMATIONAL DOCUMENT OUTLINING THE REQUIREMENTS OF THE SERP WILL BE DISTRIBUTED WITH EACH SPECIAL EVENT PERMIT ISSUED THE CITY OF BALTIMORE.

THE SPECIAL EVENT ORGANIZER IS RESPONSIBLE FOR MONITORING THE IMPLEMENTATION OF RECYCLING AT THE SPECIAL EVENT. SPECIAL EVENT ORGANIZERS MUST OVERSEE PLACEMENT OF LABELING OF RECYCLING RECEPTACLES AND COLLECTION AND RECYCLING OF RECYCLABLES. PERFORMANCE OF ANY RECYCLING CONTRACTOR ENGAGED FOR COMPLIANCE WITH THE SERP MUST BE MONITORED BY THE SPECIAL EVENTS ORGANIZER. THE SPECIAL EVENT ORGANIZER MUST PROMPTLY TAKE ACTION TO CORRECT ANY DEFICIENCIES IN THE CONTRACTOR'S PERFORMANCE.

**E. PROGRAM ENFORCEMENT:**

THE BALTIMORE CITY RECYCLING OFFICE WILL CONDUCT INSPECTIONS OF EVENTS TO ENSURE COMPLIANCE WITH THE SERP. IF A VIOLATION OF THE SERP IS DETECTED, THE RECYCLING OFFICE WILL REFER THE VIOLATION TO THE BALTIMORE CITY DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT, CODE ENFORCEMENT SECTION TO PURSUE ENFORCEMENT ACTION AGAINST THE SPECIAL EVENT ORGANIZER.

A PERSON THAT VIOLATES THE SERP IS SUBJECT TO A CIVIL PENALTY NOT EXCEEDING \$50 FOR EACH DAY THE VIOLATION EXISTS. ANY PENALTIES COLLECTED FOR VIOLATION OF THE SERP WILL BE PAID TO THE CITY OF BALTIMORE.



In compliance with this requirement, information is presented in this section on the public and private waste acceptance facilities located in Baltimore City. Private facility information is primarily obtained from MDE records. Geographic coordinates for each facility are indicated below the facility name.

Currently, the City disposes the majority of its solid waste at BRESKO pursuant to a contract with the Northeast Maryland Waste Disposal Authority. The BRESKO facility has contracted with the City to dispose of their ash residue at QRL.

**3.4.1 Baltimore Refuse Energy Systems Company**

*(BRESKO) (N 523,500; E 905,000)*

The BRESKO plant is located at 1801 Annapolis Road on 15 acres of land owned by the Mayor and City Council of Baltimore. The plant itself is privately owned by the Connecticut Bank and Trust Company, National Association, as trustee, and leased back for operation by BRESKO, an indirect subsidiary of Waste Management Inc. It was constructed in 1984 and became fully operational in 1985. **THE ANTICIPATED REMAINING SERVICE LIFE OF THE PLANT IS OVER 20 YEARS.**

The BRESKO plant is structured around three mass-burning, water wall furnaces. These furnaces can burn up to 2,250 tons of refuse per day at temperatures between 2400 and 2800 degrees Fahrenheit, thereby reducing the volume of waste by up to 90 percent.

This combustion process generates heat that is used to convert water into steam. Operating at full capacity, BRESKO can produce as much as 500,000 pounds of steam per hour. Part of the steam is used to drive turbines and generate electricity. The rest is sold to the district heating and cooling system operated by the Trigen Company located in downtown Baltimore.

During optimal conditions, approximately 10 percent of the waste by volume and 27 percent by weight remains in the form of ash residue after combustion, and ferrous and non-ferrous materials are removed. Ferrous and non-ferrous metals removed from this ash are sold to a scrap dealer. The ash is delivered to QRL.

According to its audited records for 2011, BRESKO accepted a total of approximately 701,634 tons of debris. Approximately 9,910 tons of scrap metal was recovered from the ash, and 202,664 tons of ash remained for disposal.

BRESKO has obtained and operates in compliance with necessary City, State and federal permits. Emissions from the electrostatic-precipitator-equipped smokestacks are monitored by the Maryland Department of the Environment.

Type of Waste	Tons
BRESKO Ash	202664
Harford County Ash	33580
Patapsco WWTP Grit	6770
City and Private Ruble	53552
City Mixed Refuse	24066
Nonprofit Organizations	5357
Industrial Waste	5850
Private Haulers	8230
Public Agencies, Bulk Debris	9645
<b>RECYCLING</b>	<b>1383</b>
<b>Total</b>	<b>[349,714] 350,791</b>

### 3.4.2 Quarantine Road Landfill

*(N 500,000; E 925,000)*

The Quarantine Road Landfill (QRL) is located at 6100 Quarantine Road on a 153-acre site in Hawkins Point, 126 acres of which will be utilized as a landfill. It is owned by the Mayor and City Council of Baltimore and operated by the City's Department of Public Works, Bureau of Solid Waste.

The first cell of the landfill was constructed and began accepting waste in August, 1985. Originally, the landfill was designed as six cells surrounding a central core that was to remain in place. The design capacity was approximately 11.2 million cubic yards with an expected 9.1 million cubic yards or approximately 5.4 million tons allocated for waste. The remaining volume was allocated for cover material. These calculations were based on an industry standard factor of 1 ton of mixed refuse and bulk material occupies 1.67 cubic yards of landfill space. In 1989, QRL was redesigned to remove the central core and raise the overall landfill elevation. The capacity was thereby enlarged to approximately 18.3 million cubic yards. Using the same industry standard of 1.67 cubic yards/ton, it was anticipated that 15.8 million cubic yards or 9.4 million tons of solid waste could be placed. The expansion was necessary to accommodate future disposal volume.

In August 1994, the City extended the life expectancy estimate of the landfill. The life expectancy studies determined that the industry standard of 1.67 cubic yards/ton should not be applied at QRL due to the high percentage of ash. (Ash is much denser than the predicted industry standard that was used in the original life projections.) Actual operations indicated that 1 ton of QRL debris was occupying 1.12 cubic yards of volume. In October 1996, a second life-expectancy study was performed. Actual operations indicated that 1 ton of debris was occupying 1.08 cubic yards of volume. The estimated life of the landfill was revised to 2019 +/- a year. In 2010, an aerial life-expectancy study was performed that indicated that 1.18 ton of debris was occupying one cubic yard of volume, which would extend the life of the landfill to sometime around 2026.

In 2011, QRL accepted approximately 350,791 tons of waste. The amounts and kinds of waste that comprised this total are shown in Table 3-5. It can be seen that the majority of waste accepted is non-organic material; ash, rubble and bulk. The largest single category of waste accepted at the landfill was incinerator ash, accounting for approximately 65-percent by weight and 4-percent by volume.

City and State permits have been obtained for the entire QRL site. A leachate collection system and a groundwater monitoring system are currently maintained.

### 3.4.3 Baltimore Regional Medical Waste Facility

*(N 498,500; E 926,000)*

The Baltimore Regional Medical Waste Facility is located on a 4-acre site at 3200 Hawkins Point Road. This facility, which is privately owned by Curtis Bay Energy, is the country's largest incinerator permitted for and dedicated to medical waste. The facility has two consummate units that are permitted to burn 85 tons per day (170 tons combined) and an air permit that allows for combustion of 150 tons per day, for a total of 62,050 tons per year. The facility operates 24 hours per day, 365 days per year. **THE FACILITY ACCEPTED 25,300 TONS OF WASTE IN 2011. THE FACILITY IS EXPECTED TO REMAIN IN OPERATION FOR OVER 20 YEARS.**

Last available numbers indicate that 44-percent of waste received came from medical facilities within the City, while 56-percent was imported. The ash residue remaining after incineration (approximately 10-percent of the original volume and approximately 35-percent of the original weight) is disposed of at an out-of-state facility.

#### 3.4.4 Stericycle Inc.

(N 500,000; E 921,500)

Stericycle Inc., formerly Med Net and MEDEX, is a privately owned autoclave facility located on a 2.4 acre site at 5901 Chemical Road. The facility has an annual capacity of 22,800 tons<sup>9</sup>. Before 2004, the site was used as an incinerator which accepted red-bag waste; today the site still accepts chemotherapeutic, pharmaceutical, and pathological waste, however that waste is then shipped to its facility in Haw River, North Carolina where it is incinerated.<sup>10</sup> THE FACILITY ACCEPTED 23,427 TONS OF WASTE IN 2011. THE FACILITY HAS AN ANTICIPATED REMAINING SERVICE LIFE OF OVER 20 YEARS.

#### 3.4.5 Chesapeake Compost Works, Inc.

(N39° 13.5167', W076° 35.2093')

Chesapeake Compost Works, Inc. is a privately owned and operated food and yard-waste composting facility located at 4501 Curtis Avenue. This indoor facility uses semi-static aerated bays to aerobically degrade the organic material into stable compost that is sold and distributed to urban and regional farmers, gardeners, landscapers, municipal projects, and others. The facility has an annual capacity of 14,400 tons of organic material. This material ranges from chipped wood, street leaves, herbaceous animal manure, and pre- and post-consumer food scraps. The material is mixed with a front-end loader and / or a soil mixer to create the correct recipe based on chemical composition, moisture level, and bulk density, and is loaded into one of fourteen aerated bays. The material composts for a minimum of 28 days or until the State standards have been met, and then is screened and stored outside under cover. THE FACILITY STARTED RECEIVING MATERIAL AT THE END OF 2012 AND CLOSED AT THE END OF 2014. THE COMPANY HAS BEEN IN THE PROCESS OF SEEKING A NEW LOCATION WHERE IT CAN OPERATE AND HAS IDENTIFIED A POTENTIAL LOCATION - BLOCK 7004, LOT 05, NS FORT ARMISTEAD ROAD. THE COMPANY HAS THE 5 ACRE PROPERTY UNDER CONTRACT TO PURCHASE.

#### 3.4.6 Baltimore City Composting Facility

(N 501,000; E 928,000)

The Baltimore City Composting Facility is located at 5800 Quarantine Road on seven and a half acres of the 157-acre QRL site. The plant itself is privately owned by Veolia Water North America Operating Services. The facility is permitted to receive sewage sludge generated at the City's Back River and Patapsco Wastewater Treatment plants. The plant has a design capacity of 200 wet tons per day. The sludge is mixed with wood chips and aerated to produce 75,000 cubic tons/year of biosolids compost that is marketed in the Mid-Atlantic region to landscapers, nurserymen, contractors, topsoil manufactures, golf courses, and commercial growers.<sup>11</sup> IN 2011 THE FACILITY ACCEPTED 28,038 WET TONS OF BIO-SOLIDS AND GENERATED 33,968 CUBIC YARD OF COMPOST TO MARKET. THE FACILITY LIFE DEPENDS ON THE UP-KEEP WHICH COULD POTENTIALLY PROVIDE ANOTHER TWENTY YEARS OR MORE OF SERVICE.

#### 3.4.7 Northwest Transfer Station

(N 549,500; E 890,000)

The 6.595-acre Northwest Transfer Station (NWTS) at 5030 Reisterstown Road is owned and operated by the City. The station's design capacity is 600 tons of mixed refuse per day. Approximately 450,000 tons of mixed refuse and maintenance debris per year (an average of 1,232 tons per day) is transferred at this station from collection trucks to trailers for hauling to BRESKO.

In 2010 City has renewed the facility permit with capacity of 150,000 tons per year. In 2011 the facility transferred 39,800 tons of material. THE FACILITY HAS AN ANTICIPATED SERVICE LIFE OF MORE THAN 20 YEARS.

**3.4.8 Clean Harbors of Baltimore, Inc. Treatment Facility***(N 524,000; E 903,500)*

Clean Harbors of Baltimore, Inc., owns and operates a major waste treatment facility on a 5.5 acre site at 1910 Russell Street. Hazardous and non-hazardous liquid wastes are treated on site, with non-hazardous wastewater discharged into the public sewer system, while the sludge remaining after processing is being exported to out-of-state landfills. The company also transports oil, oily debris, non-hazardous industrial solids and hazardous solids generated both inside and outside the City and the State, exporting them for disposal out-of-state. **CLEAN HARBORS IS OPERATING UNDER ITS CURRENT PERMIT WHICH EXPIRES IN 2018 AND THE FACILITY PLANS TO RENEW FOR ADDITIONAL 10 YEARS.**

**3.4.9 Baltimore Processing and Transfer Center***(N 500,000; E 920,500)*

The Baltimore Processing Center is located at 5800 Chemical Road. The processing center is both a materials recovery center and a waste transfer station. **THE FACILITY ACCEPTED 74,257 TONS OF WASTE IN 2011. THE FACILITY HAS AN ACTIVE PERMIT WHICH EXPIRES IN 2019 BUT IT HAS NOT ACCEPTED ANY WASTE STREAM SINCE 2014 AND THE FACILITY LIFE IS UNKNOWN.**

**3.4.10 Millennium Hawkins Point Plant Industrial Landfill***(N 498,250; E 927,500)*

The landfill is located at 3901 Fort Armistead Road on a 95 acre parcel of land which is split into two sections. The first, a 30 acre parcel, contains a 28.3 acre landfill that previously accepted industrial waste. **THE FACILITY ACCEPTED 1,629,278 TONS OF WASTE IN 2011. THE LANDFILL STOPPED ACCEPTING WASTE IN 2013; THUS THE REMAINING LANDFILL LIFE IS UNDETERMINED.** The second, a 65 acre parcel, is permitted for industrial waste, but the landfill has not been constructed. Constellation Energy will construct a 28.7 acre landfill cell to accept coal combustion by-products (CCB) from its Brandon Shores, H.A. Wagner and C.O. Crane coal power plants. The estimated lifetime of the not-yet constructed landfill is eleven years from construction completion date.

**3.4.11 Baltimore Recycling Center***(N 535,000; E 920,000)*

The Baltimore Recycling Center, formerly the Edison Processing Facility is located on the western side of the former Armco Steel Property at 1030 Edison Highway. Currently this 12.5-acre site, accepts only construction and demolition debris. **THE FACILITY IS CURRENTLY OPERATING UNDER PERMIT 2014-WPT-0631 AND ACCEPTED 50,354 TONS OF WASTE IN 2011. THE ANTICIPATED REMAINING SERVICE LIFE OF THE FACILITY IS OVER 20 YEARS.**

**3.4.12 Daniel's Sharpsmart***(Latitude/Longitude 39.2701/-76.5305)*

The Daniel's Sharpsmart facility is located 6611 Chandlery Street. **IN 2011 THIS 0.939 ACRES SITE ACCEPTED 1,519 TONS OF MEDICAL WASTE. THE FACILITY IS CURRENTLY OPERATING UNDER PERMIT 2015-WPT-0633 AND ITS ANTICIPATED REMAINING SERVICE LIFE IS AT LEAST TWENTY YEARS.**

**3.4.13 W.R Grace & Co.***(N 304851; E 15730)*

W.R. Grace & Co Industrial Landfill encompasses 10.7 Acres fill are on a 157 acre site in Curtis Bay area located 5500 Chemical Road. W.R. Grace owns the property and has been on site for over 100 years. The facility is a major chemical manufacturing center for silica based adsorbents and related products, hydroprocessing catalysts, polyolefin catalysts used in plastic and packaging and fluid catalysts used in



petroleum refining. The landfill only accepts industrial waste generated at the facility. In 2011, 24,910 tons of industrial wastes were landfilled. The permitted landfill capacity is 495,000 tons and anticipated to reach its capacity in 2038. THE FACILITY IS CURRENTLY OPERATING UNDER PERMIT 2012-WIF-0613, WHICH WAS ISSUED IN 2012 AND IS VALID UNTIL 2017.

#### **3.4.14 L&J Waste Recycling, LLC**

(Latitude 39.17.27, Longitude 76.39.38)

L & J Waste Recycling, LLC is located at 222 North Calverton Road, on 0.932 Acres site. The facility accepts and process construction and demolition waste for reuse. THE FACILITY STARTED ACCEPTING WASTE IN OCTOBER 2011; THUS IT ONLY ACCEPTED 850 TONS OF WASTE IN 2011. IN 2013 IT ACCEPTED OVER 30,000 TONS OF WASTE. THE FACILITY IS OPERATING UNDER AN ACTIVE PERMIT GOOD UNTIL 2016 AND THE REMAINING LIFE IS MORE THAN TEN YEARS.

#### **3.4.15 University of Maryland (Medical Waste Incinerator)**

(Latitude 39.287593, Longitude -76.626739)

The Facility was built in 1983 as part of The University of Maryland Baltimore. The actual facility is on less than 0.25 acre of 65 acres campus community. The waste processed thru the facility is pathological (animal) and special medical waste generated as a result of the biomedical research conducted in the Schools of Medicine, Nursing, Pharmacy and Dental. In 2011, 166 tons of medical waste was processed. THE FACILITY CURRENTLY OPERATES UNDER ACTIVE AIR PERMIT NO. 510-03032 AND MEDICAL WASTE INCINERATOR PERMIT NO. 2010-WMI-0512. THE ANTICIPATED SERVICE LIFE REMAINING IS 20 YEARS OR MORE.

#### **3.4.16 Recycling Companies and Facilities**

State regulations do not require that recycling facilities be included under the category of waste acceptance facilities. A list of recycling companies including wastepaper, scrap and multiple materials businesses in the greater Baltimore area is provided for reference in Appendix D. This list is not intended to be comprehensive and is provided for informational purposes only.

#### **3.4.17 Fort Armistead Road – Lot 15 Landfill**

(N 498,250; E 927,500)

The landfill is located at 3901 Fort Armistead Road on a 65 acre parcel of land owned by Millenniums. [The Department is currently reviewing a separate Industrial Landfill Permit Application for Fort Armistead Road – Lot 15 Landfill.] THE STATE ISSUED A REFUSE DISPOSAL PERMIT NO. 2011-WIF-0653 FOR THIS INDUSTRIAL LANDFILL ON SEPTEMBER 27, 2013. The Lot-15 landfill has been in operation under Millenniums' current Industrial Landfill Permit. THE LANDFILL LIFE IS EXPECTED TO LAST UNTIL 2075.

#### **3.4.18 A2Z Scrap Tire Facility**

(Latitude 39.17.24, Longitude 76.33.36)

The facility is located 240 S Kresson Street. This 0.45 Acre site is owned by Kresson Industries and leased to A2Z Environmental Group, LLC. The facility accepts and process tires.



Under the leadership of the Baltimore City Fire Department, which has the principle responsibility for responding to hazardous material emergencies in the City, Baltimore's Local Emergency Planning Committee developed a Hazardous Materials Action Plan. The plan includes instructions for handling hazardous material emergencies, sources of information, and parties to be notified.

The City's emergency response system is activated by telephone calls to 911. Callers are asked to provide as much information as possible about the nature of the hazardous material, impending danger, and location and extent of the incident. The facility where the incident occurred, or the transporter, is required to notify the National Response Center of the incident after calling 911.

The Fire Department responds to 911 hazardous materials calls by dispatching a hazardous material task force of fire engines/trucks and a rescue team. Other agencies and resources are notified as required. At the site of the incident, an operations command post is established and the severity of the incident is determined based on the likelihood of public impact. Depending on the public impact and its probable extent, the incident commander may initiate "secure premises," "public relocation," or a "general information" procedure to protect the public until the hazard has been neutralized.

The entire response to the emergency is coordinated by the Fire Department, whose personnel are trained and equipped to handle hazardous material emergencies. Other agencies respond only at the direction of the Fire Department's incident commander, to avoid any duplication of efforts or confusion.

The City's Hazardous Materials Action Plan is incorporated by reference into this solid waste plan. The plan is available for public review in the Maryland Room at the Enoch Pratt Central Library in downtown Baltimore. Also, copies of the plan may be obtained from the Fire Department.

#### **4.6 EDUCATION**

All information about what can be recycled, where convenience centers are located, and how to dispose of household hazardous waste can be found on the City's website and is promoted through DPW's Social Media outlets on *Facebook* and *Twitter*. The Office of Recycling assures that all useful sanitation information is included in the DPW calendar which is distributed to each household. Promoting waste reduction and reuse occurs in all the aforementioned forums as well as at spring and summer festivals and special events throughout the year. The Office of Recycling also conducts direct mail campaigns quarterly by targeting specific city neighborhoods and sending informational postcards.

#### **4.7 311**

From 6:00 a.m. to 10:00 p.m. every day, the citizens of Baltimore can call 311 to report non-emergency situations related to crime or public service requests. Residents can also use 311 online to log complaints or ask for services such as graffiti removal, rat rub outs, or to log environmental health complaints regarding items such as hazardous waste, sewage, or water quality.

#### **4.8 MIXED SOLID WASTE COMPOSTING**

THERE IS POTENTIAL FOR MIXED SOLID WASTE COMPOSTING, CONSIDERING THAT BALTIMORE CITY PRODUCES SIGNIFICANT AMOUNTS OF ORGANIC MATERIALS THAT ARE CURRENTLY DISPOSED WITH OTHER TYPES OF WASTE. IN 2012, THE CITY COMMISSIONED A BIOMASS STUDY TO INVESTIGATE THE POSSIBILITIES OF BIOMASS REUSE. A CITY OWNED AND OPERATED PROGRAM WOULD REQUIRE A LARGE CAPITAL EXPENDITURE. PARTNERING WITH AN OUTSIDE PROVIDER COULD HELP CUT THESE EXPENSES. THE CITY HAS WORKED WITH THE NORTHEAST MARYLAND WASTE DISPOSAL AUTHORITY TO SEEK INTERESTED QUALIFIED OPERATORS IN ESTABLISHING A REGIONAL FACILITY BUT THE ECONOMICS OF SUCH PARTNERSHIP HAVE FAILED TO MATERIALIZE. THE CITY WILL CONTINUE TO PURSUE THE

POSSIBILITY OF ESTABLISHING A COMPOSTING FACILITY EITHER ALONE OR IN PARTNERSHIP WITH A PRIVATE ENTITY TO PROCESS ITS CONSIDERABLE CARBON ORGANICS.



## 5.0 Plan of Action

COMAR 26.03.03.03 (F) requires that Chapter 5 contain a Plan of Action for the succeeding ten-year period with respect to all types of solid waste and all phases of solid waste management. This Plan of Action is to be based on the background information and assessment presented in the preceding chapters of the plan. The overall purpose of the entire Plan of Action is to demonstrate that the existing and/or planned solid waste management system in the jurisdiction is adequate to support proposed development or redevelopment.

In conformance with these requirements, the City's Ten-Year Solid Waste Management Plan of Action is presented in the following sections:

- 5.1 Solid Waste Disposal Systems
- 5.2 Solid Waste Facilities
- 5.3 Managing Wastes
- 5.4 Implementation Schedule
- 5.5 Financing Waste Disposal Systems
- 5.6 Changes Due to Assessment

In general, the City expects to retain the mixed public/private solid waste management system described in Chapter 3 and elsewhere in this plan for the next ten years, however, the City will continue to work with the private sector to enhance solid waste management capabilities in the City. Since the City's

#### 5.2.4 Other Private Disposal Facilities

The City expects to maintain its position of allowing private companies to initiate waste acceptance and transfer facility projects to serve the private sector based on the assessment of supply and demand. The City plans to continue to review such private projects on a case-by-case basis according to City, State and federal laws, zoning requirements, community sentiment and conformity with the City's overall policies on import and export of solid waste. As highlighted in Chapter 3, over the past several years the City has seen the addition of multiple disposal/processing/recycling facilities located within its borders.

***TJP RECOVERY PROCESSING FACILITY:*** THE REFUSE DISPOSAL PERMIT APPLICATION FOR THIS PROPOSED PRIVATE PROCESSING FACILITY IS CURRENTLY UNDER REVIEW BY MDE. THE LOCATION IS CURRENTLY IN OPERATION AS A CONSTRUCTION COMPANY FACILITY AND THE OWNERS HAVE PLANS TO EXPAND OPERATIONS TO INCLUDE A WASTE PROCESSING FACILITY. THE ADDRESS OF THE FACILITY IS 4300 SHANNON DRIVE, BALTIMORE, MD, 21213. THE PERMIT APPLICATION REQUESTS TO OPERATE ON 3 ACRES AND TO INTAKE CLEAN DIRT, CLEAN CONCRETE, AND CLEAN BRICK. THE APPLICATION ESTIMATES THAT THE FACILITY WILL INTAKE UP TO 25,000 TONS OF CONSTRUCTION AND DEMOLITION MATERIAL EACH YEAR. THE ANTICIPATED YEARS OF SERVICE LIFE FOR THIS FACILITY IS OVER 15 YEARS. THE COMPANY HOPES TO BEGIN OPERATIONS OF THE FACILITY IN LATE 2015.

### 5.3 MANAGING WASTE

As part of the Ten-Year Solid Waste Management Plan, the City has developed a plan of action for each of the waste streams it will encounter over the next ten years. The strategy for each waste stream is described below.

#### 5.3.1 Residential Waste

The projections for the amount of residential waste to be managed over the ten year period covered in this plan is based primarily on the projected population in the City during this period (see Chapters 2 and 3). In general, it is expected that the residential population in the City will increase over the next ten years at an annual growth rate of around 0.41%.<sup>17</sup> Thus, it is a reasonable assumption that residential waste generation will similarly increase and the City will increase residential waste collection accordingly.

In conjunction with the residential collection of mixed refuse and recycling, the City operates five citizens' convenience centers throughout Baltimore. These centers are strictly for residential use. Each facility is equipped to accept household wastes, single stream recycling, hard plastics for recycling, scrap tires, scrap metal, used oil, and scrap electronics. Due to the success of the upgrades completed at the Northwest Citizens' Convenience Center located at 2840 Sisson Street, which also is a station for polystyrene recycling and has a permanent on-site household hazardous waste containment structure for monthly events, the City intends to upgrade the Eastern Citizens' Convenience Center in a similar manner. This will mean four of the five centers have elevated platforms from which residents can readily dispose of their materials.

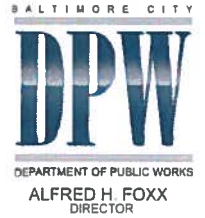
#### 5.3.2 Commercial Waste

Commercial waste, which includes institutional and industrial (non-hazardous) wastes are managed by private entities in the City. Our projections show a steady decline in the generation of commercial waste throughout the next ten years. With 531 private hauling operations currently permitted to collect and dispose of waste in the City, and the existence of state-of-the-art disposal facilities in and near the City, the management of commercial waste is securely established for the next ten years.





STEPHANIE  
RAWLINGS-BLAKE  
MAYOR



# 10 Year Solid Waste Management Plan for 2013-2023

CITY OF BALTIMORE

DEPARTMENT OF PUBLIC WORKS

BUREAU OF SOLID WASTE

Appendix G

**Adopted Resolution ADOPTING AND AMENDATORY RESOLUTIONS**





CITY OF BALTIMORE  
RESOLUTION 14 • 19  
Council Bill 14-0415

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Introduced by: The Council President  
At the request of: The Administration (Department of Public Works)  
Introduced and read first time: July 17, 2014  
Assigned to: Judiciary and Legislative Investigations Committee

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Committee Report: Favorable  
Council action: Adopted  
Read second time: October 6, 2014

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**A RESOLUTION OF THE MAYOR AND CITY COUNCIL CONCERNING**

**The Solid Waste Management Plan for Baltimore City**

FOR the purpose of adopting a new Solid Waste Management Plan for Baltimore City; providing for a special effective date; and generally relating to solid waste disposal systems, solid waste acceptance facilities, and the systematic collection and disposal of solid waste.

**Recitals**

State law (Environment Article § 9-503 and COMAR 26.03.03) requires each county and Baltimore City to (i) adopt and maintain a comprehensive solid waste plan that covers at least the succeeding 10-year period and (ii) periodically review and, as needed, amend or revise its plan.

The City of Baltimore last adopted a solid waste management plan by Resolution 03-41, effective June 12, 2003.

The Department of Public Works has prepared a new solid waste management plan for the City.

A public hearing on the new plan, as required by State law, has been held.

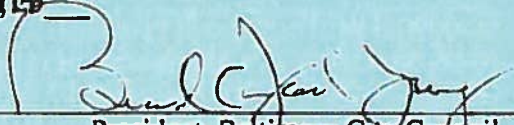
**SECTION 1. BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF BALTIMORE,** That the Solid Waste Management Plan for Baltimore City for 2013-2023 is approved and adopted.

**SECTION 2. AND BE IT FURTHER RESOLVED,** That this Resolution takes effect on the date it is enacted.

EXPLANATION: Underlining indicates matter added by amendment.  
~~Strike out~~ indicates matter stricken by amendment.

Council Bill 14-0415

Certified as duly passed this 27 day of OCT 2014

  
President, Baltimore City Council

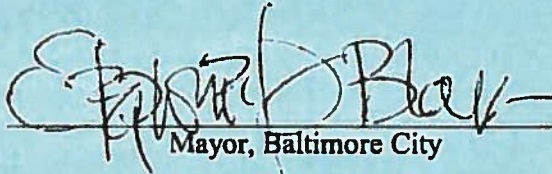
Certified as duly delivered to Her Honor, the Mayor,

this 27 day of OCT 2014

  
Chief Clerk

OCT 30 2014

Approved this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

  
Mayor, Baltimore City

Approved For Form and Legal Validity

This 30<sup>th</sup> day of October 2014  
Steven J. Lee  
Chief Clerk

**A TRUE COPY**  
**Henry Raymond**  
**Director of Finance**

*{Placeholder Page for the Amendatory Council Resolution}*





STEPHANIE  
RAWLINGS-BLAKE  
MAYOR

BALTIMORE CITY



DEPARTMENT OF PUBLIC WORKS  
ALFRED H. FOXX  
DIRECTOR

# 10 YEAR SOLID WASTE MANAGEMENT PLAN FOR 2013-2023

CITY OF BALTIMORE

DEPARTMENT OF PUBLIC WORKS

BUREAU OF SOLID WASTE

APPENDIX H

MASTER LIST OF CITY LOCATIONS FOR SPECIAL EVENTS



## Master List of City Locations for Special Events

Building Number	Location Name	Street
(No Code)	Northwest Park	2101 W. Rogers Ave
B00005	St. Vincent De Paul Head Start Southeast Patterson Park	242 South Patterson Park Avenue
B00011	First Mariner Arena Garage	99 South Howard Street
B00032	The Rawlings-Fulton Club House	2900 York Road
B00032	Joint Use Marine Facility	3201 Boston Street
B00050	Baltimore Neighborhood Recreation Facility Shake and Bake Family Fun Center	1601 Pennsylvania Avenue
B00051	First Mariner Arena	201 West Baltimore Street
B00084	Pratt Street Pavilion	399 East Pratt Street
B00091	Oliver Senior Center	1700 North Gay Street
B00121	Waxter Senior Center	1000 Cathedral Street
B00124	Oliver Multi-Purpose Center, Eastern District Community Action Center	1619 North Spring Street
B00124	Baltimore Street Car Museum Visitor Center	1901 Falls Road
B00125	P.S. 237 - Highlandtown Elementary/Middle	229 S South Eaton Street
B00140	Rec and Parks Mount Pleasant Ice Arena	2010 East Northern Parkway
B00182	Govans Multipurpose Center	5225 York Road
B00196	Patterson Park Casino Center	2601A East Baltimore Street
B00220	Hackerman House	1 West Mount Vernon Place
B00228	Lower Park Heights Multi Purpose Building	3939 Reisterstown Road
B00229	Peale Museum	225 North Holliday Street
B00230	Carroll Mansion Musuem	802 Lombard Street
B00322	The GreenMount School	501 West 30th Street
B00405	Deweese Recreation Center	5501 Ivanhoe Avenue
B00412	Medfield Heights Recreation Center	1501 Wood Heights Avenue
B00414	Mora Crossman Recreation Center	701 Rappolla Avenue
B00416	Rosemont Recreation Center	1201 North Rosedale Street
B00420	Robert C. Marshall Recreation Center	1201 Pennsylvania Avenue
B00429	Carroll Park Recreation Center	800 Bayard Street
B00431	Solo Gibbs Recreation Center	1044 Leadenhall Street
B00551	James D. Gross Recreation Center	4600 Lanier Avenue
B00603	John Eager Howard Recreation Center	2100 Brookfield Avenue
B00629	Morrell Park Recreation Center	2601 Tolley Street
B00641	Northwood Recreation Center	1517 Winford Road
B00723	P.S. 322 - New Song Academy Elementary/Middle	1530 Presstman Street
B00723	Baltimore Montessori Public Charter School Building 1	1600 Guilford Avenue
B02003	Baltimore Rowing and Water Resource Center	3301 Water View Avenue
B02008	Bentalou Recreation Center	222 North Bentalou Street
B02013	Clarence "Du" Burns Arena	1301 South Ellwood Avenue
B02013	Greenmount Recreation Center	2304 Greenmount Avenue
B02016	Madison Square Recreation Center	1401 East Biddle Street
B02020	Patterson Park Parks and Recreation Maintenance Office	100 South Linwood Avenue
B02022	Virginia S. Baker at Patterson Park Recreation Center	2601 East Baltimore Street
B02022	Chick Webb Rec/ Aquatics Center	623 North Eden Street
B02027	Coldstream Recreation Center Building 1	1401 Fillmore Street
B02030	Gardenville Recreation Center	4517 Hazelwood Avenue
B02034	C.C. Jackson Recreation Center	4910 Park Heights Avenue
B02038	Roosevelt Park Recreation Center	1221 West 36th Street
B02040	Ella Bailey Recreation Center	100 East Heath Street
B02041	Cahill Recreation Center	4001 Clifton Avenue
B02042	Curtis Bay Recreation Center	1630 Filbert Street
B02043	Lakeland Recreation Center	2921 Stranden Road
B02044	Frederick B. Leidig Recreation Center	4521 Frederick Avenue
B02045	Locust Point Recreation Center	1627 East Fort Avenue
B02048	Rowing Club	2501 Seabury Road
B02048	Samuel F. B. Morse Recreation Center	424 South Pulaski Street
B02050	Mary E. Rodman Recreation Center	3600 West Mulberry Street
B02055	Mimi Di Pietro Family Skating Arena	200 South Linwood Avenue
B02055	Mt. Pleasant Ice Rink	6101 Hillen Road
B02102	Farring Bay Brook Recreation Center	4501 Farring Court
B02104	Edgewood-Lyndhurst Recreation Center	835 Allendale Street
B02700	Ralph W. E. Jones Park Administration Building	3001 East Drive
B02819	Carrie Murray Nature Center	1901 Ridgetop Road
B02822	Mount Pleasant Golf Course Building	6001 Hillen Road
B06025	The Cylburn Arboretum Carriage House	4915 Greenspring Avenue
B06040	Babe Ruth Birthplace and Orioles Museum	216 South Emory Street
B06053	Thomas Johnson Elementary/Middle	100 East Heath Street
B06089	P.S. 027- Commodore John Rodgers Elementary	100 North Chester Street
B06178	Hatton Senior Center	2825 Fait Avenue
B06224	Howard Peters Rawlings Conservatory - Rotation Greenhouse	3100 Swann Drive
B07205	Herring Run Park Building	3900 Harford Road
B07565	Clifton Park Golf Course Clubhouse	2801 Harford Road

B07591	Carroll Park Building	1500 Washington Place Boulevard
B08020	Cherry Hill Aquatics Center	1001 Cherry Hill
B08403	Gwynns Falls/Leakin Park Gazebo Picnic Area	4921 Windsor Mill Road
B08431	Mount Pleasant Golf Course Café Building	6001 Hillen Road
B08441	Forest Park Golf Course Snack Bar	2900 Hillside Road
B08527	Carrie Murray Nature Center in Gwynns Falls/Leakin Park	1821 Ridgetop Road
B08634	Kelly Field - Baseball Concession Stand	1801 Argonne Drive
B90040	P.S. 004 - Steuart Hill Academic Academy	30 South Gilmor Street
B90050	P.S. 005 - Langston Hughes Elementary	5011 Arbutus Avenue
B90070	P.S. 007 - Cecil Elementary	2000 Cecil Avenue
B90070	Cecil-Kirk Recreation	2000 Cecil Avenue
B90080	P.S. 008 - City Springs Elementary/Middle	100 South Caroline Street
B90100	P.S. 010 - James McHenry Elementary/Middle	911 Hollins Street
B90101	James McHenry Recreation Center	911 Hollins Street
B90110	P.S. 011 - Eutaw-Marshburn Elementary Building 1	1624 Eutaw Place
B90120	P.S. 012 - Lakeland Elementary/Middle	2922 Stranden Road
B90160	P.S. 016 - Johnston Square Elementary	1101 Valley Street
B90210	P.S. 021 - Hilton Elementary	3301 Carlisle Avenue
B90220	P.S. 022 - George Washington Elementary	800 Scott Street
B90230	P.S. 023 - Wolfe Street Academy Elementary	245 South Wolfe Street
B90240	P.S. 024 - Westside Elementary	2235 North Fulton Avenue
B90250	P.S. 025 - Dr. Rayner Browne Elementary/Middle	1000 North Montford Avenue
B90290	P.S. 029 - Matthew A. Henson Elementary	1600 North Payson Street
B90310	P.S. 031 - Coldstream Park Elementary/Middle	1400 Exeter Hall Avenue
B90340	P.S. 034 - Charles Carroll Barrister Elementary	1327 Washington Boulevard
B90350	P.S. 035 - Harlem Park Elementary/Middle	1401 West Lafayette Avenue
B903670	P.S. 367 - Baltimore Community High School	6820 Fair Avenue
B90370	P.S. 037 - Harford Heights Elementary Building 1	1919 North Broadway
B90390	P.S. 039 - Dallas F. Nicholas Sr. Elementary	201 East 21st Street
B90410	P.S. 346 - City Neighbors Hamilton Charter Building 1	3309 Bayonne Avenue
B90420	P.S. 042 - Garrison Middle	3910 Barrington Road
B90450	P.S. 045 - Federal Hill Preparatory	1040 William Street
B90460	P.S. 378 - Baltimore I.T. Academy Building 1	900 Woodbourne Avenue
B90470	P.S. 047 - Hampstead Hill Academy Elementary/Middle	500 South Linwood Avenue
B90490	P.S. 049 - Northeast Middle	5001 Moravia Road
B90510	P.S. 051 - Waverly Elementary/Middle Building 1	3400 Ellerslie Avenue
B90530	P.S. 053 - Margaret Brent Elementary/Middle	100 East 26th Street
B90540	P.S. 054 - Barclay Elementary/Middle	2900 Barclay Street
B90550	P.S. 055 - Hampden Elementary/Middle	3608 Chestnut Avenue
B90580	P.S. 058 - Dr. Nathan A. Pitts-Ashburton Elementary/Middle	3935 Hilton Road
B90600	P.S. 060 - Gwynns Falls Elementary	2700 Gwynns Falls
B90610	P.S. 061 - John Eager Howard Elementary Building 1	2011 Linden Avenue
B90620	P.S. 062 - Edgecomb Circle Elementary/Middle Building 1	2835 Virginia Avenue
B90630	P.S. 063 - Rosemont Elementary/Middle	2777 Presstman Street
B90640	P.S. 064 - Liberty Elementary	3902 Maine Avenue
B90660	P.S. 066 - Mount Royal Elementary/Middle	120 West Mosher Street
B90661	Mount Royal Recreation Center	120 West Mosher Street
B90680	P.S. 348 - Baltimore Leadership School for Young Women	128 West Franklin Street
B90730	P.S. 067 - Edgewood Elementary	1900 North Edgewood Street
B90730	P.S. 073 - Sarah M. Roach Elementary Building 1	3434 Old Frederick Road
B90750	P.S. 075 - Calverton Elementary/Middle	1100 Whitmore Avenue
B90760	P.S. 076 - Francis Scott Key Elementary/Middle	1425 East Fort Avenue
B908010	P.S. 081 - North Bend Elementary School	201 North Bend Road
B90850	P.S. 083 - William Paca Elementary	200 North Lakewood Avenue
B90850	P.S. 085 - Fort Worthington Elementary School	2710 East Oliver Street
B90860	P.S. 086 - Lakewood Elementary	2625 East Federal Street
B90870	P.S. 087 - Windsor Hills Elementary/Middle	4001 Alto Road
B90880	P.S. 088 - Lyndhurst Elementary Building 1	621 Wildwood
B90890	P.S. 089 - Rognel Heights Elementary/Middle	4300 Sidehill Road
B90940	P.S. 344 - Baltimore Rising Star Academy	2200 Sinclair Lane
B90950	P.S. 095 - Franklin Square Elementary/Middle	1400 West Lexington Street
B90970	P.S. 097 - Collington Square Elementary/Middle School	1409 North Collington Avenue
B91050	P.S. 105 - Moravia Park Elementary/Middle Building 1	6201 Frankford Avenue
B91070	P.S. 107 - Gilmor Elementary	1311 North Gilmor Street
B91071	Lillian Jones Recreation Center	1310 North Stricker Street
B91220	P.S. 122 - The Historic Samuel Coleridge-Taylor Elementary Building 1	900 Druid Hill Avenue
B91240	P.S. 124 - Bay Brook Elementary/Middle Building 1	4301 10th Street
B91250	P.S. 125 - Furman L. Templeton Preparatory Academy	1200 Pennsylvania Avenue
B91300	P.S. 130 - Booker T. Washington Middle	1301 McCulloh Street
B91340	P.S. 134 - Walter P. Carter Elementary/Middle	821 East 44th Street
B91360	P.S. 163 - Patapsco Elementary/Middle	844 Roundview Road
B91420	P.S. 142 - Robert W. Coleman Elementary	2400 Windsor Avenue
B91440	P.S. 044 - Montebello Elementary/Middle Building 1	2040 East 32nd Street
B91440	P.S. 144 - James Mosher Elementary	2400 West Mosher Street

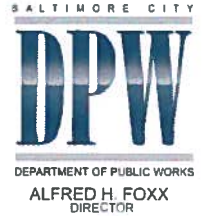


B91450	P.S. 145 - Alexander Hamilton Elementary	800 Poplar Grove Street
B91460	P.S. 416 - Digital Harbor High School	1100 Covington Street
B91500	P.S. 150 - Mary Ann Winterling Elementary at Bentalou	220 North Bentalou Street
B91570	P.S. 028 - William Pinderhuges Elementary	711 Gold Street
B91590	P.S. 159 - Cherry Hill Elementary/Middle	801 Bridgeview Road
B91600	P.S. 160 - Dr. Carter Godwin Woodson Elementary/Middle Building 1	2501 Seabury Road
B91640	P.S. 164 - Arundel Elementary/Middle	2400 Round Road
B91770	P.S. 177 - George W. F. McMechen Middle/High	4411 Garrison Boulevard
B91780	P.S. 178 - Excel Academy at Francis M. Wood High Building 1	1001 West Saratoga Street
B91780	P.S. 178 - Excel Academy at Francis M. Wood High Building 2	1051 West Saratoga Street
B92010	P.S. 201 - Dickey Hill Elementary/Middle	5025 Dickey Hill Road
B920270	P.S. 207 - Curtis Bay Elementary/Middle	4301 West Bay Avenue
B92030	P.S. 203 - Maree G. Farring Elementary/Middle	316 Pontiac Avenue
B92040	P.S. 204 - Mary E. Rodman Elementary	3510 West Mulberry Street
B92050	P.S. 205 - Woodhome Elementary/Middle Building 1	7300-7310 Moyer Avenue
B92052	Woodhome Recreation Center	7300-7310 Moyer Avenue
B92060	P.S. 206 - Furley Elementary	4633 Furley Avenue
B92100	P.S. 210 - Hazelwood Elementary/Middle Building 1	4517 Hazelwood Avenue
B92110	P.S. 211 - Gardenville Elementary	5300 Belair Road
B92120	P.S. 212 - Garrett Heights Elementary/Middle School Building 1	2800 Ailsa Avenue
B92130	P.S. 213 - Govans Elementary	5801 York Road
B92140	P.S. 214 - Guilford Elementary/Middle Building 1	4520 York Road
B92140	P.S. 219 - Yorkwood Elementary	5931 Yorkwood Road
B92150	P.S. 215 - Highlandtown Elementary/Middle	3223 East Pratt Street
B92170	P.S. 217 - Belmont Elementary	1406 North Ellamont Street
B92210	P.S. 221 - The Mount Washington School	1801 Sulgrave Avenue
B92230	P.S. 223 - Pimlico Elementary/Middle Building 1	4849 Pimlico Road
B92240	P.S. 224 - Grove Park Elementary/Middle Building 1	5545 Kennison Avenue
B92250	P.S. 225 - Westport Academy Elementary/Middle	2401 Nevada Street
B92280	P.S. 228 - John Ruhrah Elementary/Middle	701 Rappolla Avenue
B92320	P.S. 232 - Thomas Jefferson Elementary/Middle	605 Dryden Drive
B92330	P.S. 233 - Roland Park Elementary/Middle	5207 Roland Avenue
B92340	P.S. 234 - Arlington Elementary/Middle Building 1	3705 West Rogers Avenue
B92350	P.S. 235 - Glenmount Elementary/Middle	6211 Walther Avenue
B92360	P.S. 236 - Hamilton Elementary/Middle Building 1	6101 Old Harford Road
B92390	P.S. 239 - Benjamin Franklin High at Masonville Cove	1201 Cambria Street
B92400	P.S. 240 - Graceland Park/O'Donnell Heights Elementary/Middle	6300 O'Donnell Street
B92410	P.S. 241 - Fallstaff Elementary/Middle	3801 Fallstaff Road
B92420	P.S. 242 - Northwood Elementary School	1516 Winford Road
B92430	P.S. 243 - Armistead Gardens Elementary/Middle School	5061 East Eager Street
B92450	P.S. 245 - Leith Walk Elementary	1235 Sherwood Avenue
B92460	P.S. 246 - Beechfield Elementary/Middle Building 1	301 South Beechfield Avenue
B92470	P.S. 247 - Cross Country Elementary/Middle	6100 Cross Country Boulevard
B92480	P.S. 248 - Sinclair Lane Elementary	3880 Sinclair Lane
B92490	P.S. 249 - Medfield Heights Elementary	4300 Buchanan Avenue
B92500	P.S. 250 - Dr. Bernard Harris Sr. Elementary	1400 North Caroline Street
B92540	P.S. 254 - Dr. Martin Luther King Jr. Elementary/Middle	3750 Greenspring Avenue
B92560	P.S. 256 - Calvin M. Rodwell Elementary	3501 Hillsdale Road
B92600	P.S. 260 - Frederick Elementary	2501 Frederick Avenue
B92610	P.S. 261 - Lockerman Bundy Elementary	301 North Pulaski Street
B92620	P.S. 262 - Empowerment Academy Elementary/Middle	801 Braddish Avenue
B93010	P.S. 301 - William S. Baer	2001 North Warwick Avenue
B93070	P.S. 307 - Claremont High	5301 Erdman Avenue
B93130	P.S. 313 - Lois T. Murray Elementary/Middle	1600 East Arlington Avenue
B93140	P.S. 314 - Sharp-Leadenhall Elementary School	150 West Street
B93240	P.S. 324 - KIPP Ujima Village Academy Elementary/Middle; P.S. 347 - K.I.P.P. Harmony	4701 Greenspring Avenue
B93250	P.S. 325 - ConneXions: A Community Based Arts School P.S. 331 - MD Academy of Technology and Health Sciences Middle/	2801 North Dukeland Street
B93340	P.S. 328 - Southwest Baltimore Charter Building 1	1300 Herkimer Street
B93340	P.S. 334 - Bluford Drew Jemison STEM Academy Middle	1401 East Biddle Street
B93381	P.S. 338 - Friendship Academy of Science & Technology Middle/High Mechanical Structure	801 South Highland Avenue
B93430	P.S. 343 - Baltimore Civitas Middle/High; P.S. 364 - Bluford Drew Jemison STEM Academy West	2000 North Edgewood Street
B93450	P.S. 345 - New Hope Academy - Joseph C. Briscoe Building Building 1	900 Druid Hill Avenue
B93470	P.S. 384 - Creative City Public Charter School	2810 Shirley Avenue
B93490	P.S. 339 - Friendship Academy of Engineering & Technology Middle/High; P.S. NACA Freedom & Democracy II	2500 East Northern Parkway
B93660	P.S. 366 - Baltimore Antioch High School; P.S. 413 - Achievement Academy Harbor City High	2555 Harford Road
B93680	P.S. 368 - Elmer A. Henderson - A Johns Hopkins Partnership School	1101 North Wolfe Street
B93700	P.S. 379 - Roots and Branches School	1807 Harlem Avenue
B93770	P.S. 377 - Green Street Academy	201 North Bend Road
B93820	P.S. 382 - Baltimore Design School Building 1	1101 Winston Avenue
B94000	P.S. 400 - Edmondson-Westside High School	501 North Athol Avenue
B94010	P.S. 401 - Northwestern High	6902 Park Heights Avenue
B94050	P.S. 405 - Patterson High School	100 Kane Street
B94060	P.S. 406 - Forest Park High	3701 Eldorado Avenue
B94070	P.S. 403 - Baltimore Polytechnic Institute; P.S. 407 - Western High School	4600 Falls Road

B94100	P.S. 410 - Mergenthaler Vocational-Technical High	3500 Hillen Street
B94140	P.S. 414 - Paul Laurence Dunbar High	1400 Orleans Street
B94150	P.S. 415 - Baltimore School for the Arts High	712 Cathedral Street
B94180	P.S. 418 - W. E. B. DuBois High	2201 Pinewood Avenue
B94210	P.S. 421 - National Academy Foundation Building 1	500 North Caroline Street
B94230	P.S. 423 - Baltimore Freedom Academy Middle/High	1601 East Lombard Street
B94250	P.S. 425 - Heritage High School	2801 Saint Lo Drive
B94290	P.S. 429 - Vivien T. Thomas Medical Arts Academy High	100 North Calhoun Street
B94300	P.S. 427 - Academy for College and Career Exploration High Building 1	1300 West 36th Street
B94300	P.S. 428 - Baltimore Talent Development High; P.S. 430 - Augusta Fells Savage Institute of Visual Arts High	1500 Harlem Avenue
B94310	Herring Run Recreation	5001 Sinclair Lane
B94310	P.S. 431 - Maritime Industries Academy High Building 1	2700 Seamon Ave
B94330	P.S. 433 - Renaissance Academy High	1301 McCulloh Street
B94500	P.S. 450 - Frederick Douglass High	2301 Gwynns Falls Parkway
B94540	P.S. 454 - Carver Vocational-Technical High	2201 Presstman Street
B94800	P.S. 480 - Baltimore City College High Building 1	3220 The Alameda
B98540	P.S. 854 - Career Academy	101 West 24th Street
B98600	P.S. 866 - Baltimore CORPS Transition High	5000 Gwynn Oak Avenue
BXXXXX	Fort Worthington Recreation Center	2801 East Oliver Street
T92310	P.S. 231 - Brehms Lane Elementary Trailer 1	3536 Brehms Lane
Z07350	The Maryland Zoo in Baltimore	Mansion House Drive



STEPHANIE  
RAWLINGS-BLAKE  
MAYOR



# **10 YEAR SOLID WASTE MANAGEMENT PLAN FOR 2013-2023**

**CITY OF BALTIMORE**

**DEPARTMENT OF PUBLIC WORKS**

**BUREAU OF SOLID WASTE**

**APPENDIX I**

**SPECIAL EVENT RECYCLING INFORMATION**



## **Special Events Organizers**

**During the 2014 legislative session, the Maryland General Assembly passed Senate Bill 781 (Environment-Recycling-Special Events). As of October 1, 2014, the law requires special event organizers to provide for recycling at their events.**

**Special Events that are subject to this new law are those that:  
Include temporary or periodic use of a public street, publicly owned site or facility, or public park;  
Serve food or drinks (at cost); and  
Are expected to have 200 or more persons in attendance.**

**Event organizers meeting these requirements must provide for collection and recycling of recyclable materials, such as glass, metal, paper and plastic containers.**

**Food scraps should be recycled to the extent feasible.**

**Festival recycling services are available and can be provided by the City of Baltimore as resources are available.**

***A person that violates the recycling requirements of the law is subject to a civil penalty not exceeding \$50 for each day on which the violation occurs.***

**For further questions, please call the Recycling Office at 410-396-4511.**