

COUNTY COUNCIL OF ANNE ARUNDEL COUNTY, MARYLAND

Legislative Session 2010, Legislative Day No. 27

Bill No. 49-10

Introduced by Mr. Middlebrooks, Chairman  
(by request of the County Executive)

By the County Council, June 21, 2010

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Introduced and first read on June 21, 2010  
Public Hearing set for July 19, 2010  
Bill Expires September 24, 2010

By Order: Judy C. Holmes, Administrative Officer

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A BILL ENTITLED

1 AN ORDINANCE concerning: 2010 Amendments to the Solid Waste Management Plan  
2 2003

3  
4 FOR the purpose of amending the Anne Arundel County Solid Waste Management Plan  
5 2003 to include an updated recycling strategy; and generally relating to the Anne  
6 Arundel County Solid Waste Management Plan.

7  
8 BY repealing and reenacting, with amendments: Article 18, § 2-103(a)(5)(vii)  
9 Anne Arundel County Code (2005, as amended)

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11 SECTION 1. *Be it enacted by the County Council of Anne Arundel County, Maryland,*  
12 That Section(s) of the Anne Arundel County Code (2005, as amended) read as follows:

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14 **ARTICLE 18. ZONING**  
15 **TITLE 2. GENERAL PROVISIONS**

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17 **18-2-103. Planning for future development.**

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19 (a) **Guides.** The following documents shall be used as a guide in the future development  
20 of land in and location of public services and facilities by the County:

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22 (5) the following additional County plans:

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EXPLANATION: CAPITALS indicate new matter added to existing law.  
[Brackets] indicate matter stricken from existing law.

1 (vii) the Anne Arundel Solid Waste Management Plan[,] 2003[ Revision], as  
2 adopted by Bill No. 35-03 AND AMENDED BY BILL NO. 49-10.

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4 SECTION 2. *And be it further enacted*, That the Anne Arundel County Solid Waste  
5 Management Plan 2003 is hereby amended as follows:

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7 After page 5-4 of the Plan, insert the following:

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9 **“Anne Arundel Community College recycling strategy**

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11 ***Background***

12  
13 Anne Arundel Community College is a public, comprehensive, community-engaged  
14 institution of higher education. In cooperation with and with the support of Anne Arundel  
15 County, Anne Arundel Community College has promoted the sustainability of the recycling  
16 and solid waste system that includes maximum efficiency, economic vitality, and reduced  
17 environmental and human health impacts. The college strives to reduce per capita waste  
18 generation and increase the recovery of recyclable materials. Beginning with the 2009  
19 college  
20 year, the college system adopted a single stream recycling program allowing the college to  
21 place the same items accepted by the county’s residential recycling program into one  
22 container that is located in each classroom or building area. Single stream recycling allowed  
23 the college to increase recyclable volume while contractually decreasing the number of trash  
24 containers and service needed at each college location. Service is provided under multi-year  
25 contracts with private companies. The change has reflected immediate cost avoidance and  
26 significant savings to the college’s budgetary bottom-line. The college’s recycled materials  
27 are collected and transported under separate contract to a local materials recycling facility  
28 (MRF) for further processing and marketing. Additionally, the college participates in the  
29 Abitibi Paper Retriever fundraising program.

30  
31 ***Recycling strategy***

32  
33 Key elements of the community college recycling strategy are as follows:

- 34 1. Promote education and behavior change – Effective education programs and  
35 commitment strategies support the development of new daily habits and personal  
36 motivation that will lead to an increase in recycling activities.  
37 2. Support regional and state policy and legislation – Anne Arundel County and the  
38 State of Maryland continue to make increased recycling a major initiative. To help  
39 compliance with recycling legislation, Anne Arundel County’s Recycling Division  
40 continues to provide support for the college’s recycling efforts by conducting audits  
41 and providing recommendations on ways to optimize waste prevention and increase  
42 recycling activity.  
43 3. Grow the recycling program to realize all the positive benefits – College focus has  
44 shifted to concerns about energy, environmental health, and reducing carbon dioxide  
45 emissions and other greenhouse gases that cause global climate change. Anne  
46 Arundel Community College has moved to broader concerns about the rapid  
47 consumption of resources and the need to use them efficiently, and about the long-

1 term sustainability of its facilities and consumption of raw material.

2 **Anne Arundel County public schools recycling strategy**

3

4 ***Background***

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6 Anne Arundel County Public Schools operate independently from Anne Arundel County's  
7 Waste Management Services Program. However, the public schools have been a proactive  
8 recycling partner with the County government since 1989 and have continually increased  
9 their commitment to recycling over the years. Beginning with the 2008 school year, the  
10 school system adopted a single stream recycling program allowing the schools to place the  
11 same items accepted by the County's residential recycling program into one container that is  
12 located in each classroom or building area. Single stream recycling has allowed the school  
13 system to increase recyclable volume while contractually decreasing the number of trash  
14 containers and service needed at each school location. Service is provided under multi-year  
15 contracts with private companies. The change has yielded immediate cost avoidance and  
16 significant savings to the school system's budgetary bottom-line. The schools' recycled  
17 materials are collected and transported under a separate contract to a local materials  
18 recycling facility (MRF) for further processing and marketing. Additionally, over 80% of the  
19 schools voluntarily participate in the Abitibi Paper Retriever fundraising program.

20

21 ***Recycling strategy.***

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23 Key elements of the school recycling strategy are as follows:

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- 25 1. The Superintendent and the Board of Education fully support efforts to increase  
26 recycling awareness, participation, and environmental stewardship among the  
27 students, teachers, and staff and have placed the responsibility for implementing a  
28 recycling program on each school's administration.
- 29 2. Anne Arundel County's recycling division supports the schools' recycling program by  
30 conducting student and staff recycling awareness presentation, developing grade  
31 appropriate recycling lesson plans/educational videos, and conducting recycling  
32 contests tailored for elementary, middle, and high school students.
- 33 3. Anne Arundel County Public Schools will continue to evaluate the overall solid waste  
34 stream and collection service in response to continued increases in school recycling  
35 percentages.
- 36 4. Goals include increasing system-wide green procurement policies and effectively  
37 promoting recycling awareness at all grade levels.

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38 **Electronics recycling**

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40 A recent addition to the County's recycling program involves collection of household  
41 electronics (computers, monitors, televisions, etc.). From 2002 through 2005, Anne Arundel  
42 County held a total of four one-day electronics recycling collection events. Those events  
43 resulted in collecting over 260,000 pounds of electronics to be reused or recycled, depending  
44 on their condition.

45

46 In July 2006, Anne Arundel County established three permanent electronics recycling  
47 collection sites. The sites are located at three residents-only convenience centers in Glen

1 Burnie, Severn, and Deale, Maryland. The convenience centers are free of charge to  
2 residents of Anne Arundel County. The County's program accepts TVs, VCRs, DVD  
3 players, computer monitors, CPUs, mice, keyboards, cell phones, power supplies, laptops,  
4 scanners, stereos, answering machines, and other home electronics from residents for year-  
5 round recycling collection. These materials are picked up by Computer Donation  
6 Management, Inc. (CDM) and transported to their facility in Baltimore, Maryland multiple  
7 times each month. As the electronics recycling contractor for Anne Arundel County, CDM  
8 manages the materials collected from the three County sites by repairing and refurbishing  
9 computers that can be reused, while breaking down other equipment into component parts  
10 for marketing, depending on the age and condition of the equipment. Anne Arundel County  
11 collected more than 5,650,000 pounds of electronics for reuse or recycling from July 2006  
12 through January 2010.

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14 **Collection and recycling of fluorescent and compact fluorescent lighting**

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16 Anne Arundel County began collecting fluorescent lighting in conjunction with the  
17 Household Hazardous Waste (HHW) Drop-off Program in 1988.

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19 Since 1996, Anne Arundel County has been conducting eight HHW Drop-off Days per year.  
20 The events are held at three residents-only convenience centers in Glen Burnie, Severn, and  
21 Deale, Maryland. The convenience centers are free of charge to residents of Anne Arundel  
22 County.

23  
24 In addition to directing residents to HHW Drop-off Days to dispose of fluorescent lighting,  
25 the County also directs them to local retail establishments that also offer the service free to  
26 the public on a year-round basis.”

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28 SECTION 3. *And be it further enacted*, That the Anne Arundel County Solid Waste  
29 Management Plan 2003, as amended by this Ordinance, is incorporated herein by reference  
30 as if fully set forth. A copy of the Anne Arundel County Solid Waste Management Plan  
31 2003, as amended by this Ordinance, shall be permanently kept on file with the  
32 Administrative Officer to the County Council, the Office of Planning and Zoning, and the  
33 Department of Public Works.

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35 SECTION 4. *And be it further enacted*, That this Ordinance shall take effect 45 days  
36 from the date it becomes law.