M3 6lr3131

By: Senator Pinsky

Introduced and read first time: February 3, 2006

Assigned to: Education, Health, and Environmental Affairs

#### A BILL ENTITLED

### 1 AN ACT concerning

### 2 Environment - Diversion of Construction and Demolition Materials

- 3 FOR the purpose of requiring the Office of Recycling in the Department of the
- 4 Environment, on or before a certain date, to develop and post on the
- 5 Department's website a certain resource guide and certain model guidelines;
- 6 requiring the Office to post certain county plans on the Department's website;
- 7 requiring the Office to include in a certain biennial report information on the
- 8 availability of market for construction and demolition materials and information
- 9 on the development of a certain resource guide and model guidelines; requiring
- each county to develop and implement a plan for the management of
- 11 construction and demolition materials that includes certain goals; authorizing a
- 12 county to include certain other information in the plan; requiring each county to
- submit the management plan to the Department for certain purposes and post
- the plan on the county's website; defining certain terms; providing for the
- effective date of certain provisions of this Act; providing for the termination of
- certain provisions of this Act; and generally relating to the diversion of
- 17 construction and demolition materials.
- 18 BY repealing and reenacting, with amendments,
- 19 Article Environment
- 20 Section 9-1701 through 9-1703
- 21 Annotated Code of Maryland
- 22 (1996 Replacement Volume and 2005 Supplement)
- 23 BY repealing and reenacting, with amendments,
- 24 Article Environment
- 25 Section 9-1701 through 9-1703
- 26 Annotated Code of Maryland
- 27 (1996 Replacement Volume and 2005 Supplement)
- 28 (As enacted by Chapter 384 of the Acts of the General Assembly of 2005)

1	Preamble			
4	WHEREAS, With approximately \$100 billion in new construction each year in the United States, and approximately \$126 billion in renovations, the recovery of materials from construction and demolition has important economic and environmental implications; and			
8	WHEREAS, To the extent that the debris from construction and demolition can be reused or recycled rather than thrown away, demand for virgin resources is reduced, the embedded energy in these materials is recaptured, and the need for increasingly limited landfill space is reduced; and			
12	WHEREAS, In addition to environmental benefits, construction and demolition materials recycling may also yield economic benefits by providing an additional source of revenue for companies engaged in construction and demolition; now, therefore,			
14 15	SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND, That the Laws of Maryland read as follows:			
16	Article - Environment			
17	9-1701.			
18	(a) In this subtitle the following words have the meanings indicated.			
	(b) "Compost" means the product of composting in accordance with the standards established by the Secretary of Agriculture under § 6-221 of the Agriculture Article.			
	(c) "Composting" means the controlled biological decomposition of organic waste material in accordance with the standards established by the Secretary under this title.			
25 26	(d) (1) "Computer" means a desktop personal computer or laptop computer including the computer monitor.			
27	(2) "Computer" does not include:			
28	(i) A personal digital assistant device;			
29	(ii) A computer peripheral device, including:			
30	1. A mouse or other similar pointing device;			
31	2. A printer; or			
32	3. A detachable keyboard.			
33	(e) "Computer takeback program" means a program, established by a computer manufacturer, for the collection and recycling, refurbishing, or reuse of a			

	computer lat label, includi		the name of the manufacturer or the manufacturer's brand
			Providing, at no cost to the returner, a method of returning a facturer, including postage paid mailing packages or designated ighout the State;
6 7	any other per	(2) rson; or	Contracting with a recycler, local government, other manufacturer, or
8		(3)	Any other program approved by the Department.
11	REPAIR, C	LS AND S LEANUP	TRUCTION AND DEMOLITION MATERIALS" MEANS BUILDING SOLID WASTE RESULTING FROM CONSTRUCTION, REMODELING, P, OR DEMOLITION OPERATIONS THAT ARE NOT CONTROLLED STANCES AS DEFINED IN TITLE 7, SUBTITLE 2 OF THIS ARTICLE.
13	[(f)]	(G)	"Director" means the Director of the Office of Recycling.
	(H) PURPOSE O SYSTEM.	(1) OTHER T	"DIVERSION" MEANS THE PROCESS OF USING MATERIAL FOR ANY THAN DISPOSAL IN A LANDFILL OR OTHER REFUSE DISPOSAL
17		(2)	"DIVERSION" INCLUDES RECYCLING.
18 19	[(g)] the brand ov	(I) wner or in	"Manufacturer" means the corporation or other legal entity that is nporter of a computer sold in the State.
20 21	[(h)] refuse.	(J)	(1) "Natural wood waste" means tree and other natural vegetative
22 23	mats, logs, a	(2) and other	"Natural wood waste" includes tree stumps, brush and limbs, root natural vegetative material.
24 25	[(i)] recycling se	(K) rvices for	(1) "Natural wood waste recycling facility" means a facility where natural wood waste are provided.
26 27	or processin	(2) g facility	"Natural wood waste recycling facility" does not include a collection operated by:
28 29	or		(i) A nonprofit or governmental organization located in the State;
	for its own e	employee	(ii) A single individual or business that provides recycling services s or for its own recyclable materials generated on its own
33	[(j)]	(L)	"Office" means the Office of Recycling within the Department.
34	[(k)]	(M)	"Recyclable materials" means those materials that:

1 2	system; and	(1)	Would o	otherwise become solid waste for disposal in a refuse disposal
3 4	marketplace	(2) in the for		collected, separated, or processed and returned to the materials or products.
				"Recycling" means any process in which materials that would are collected, separated, or processed and returned to raw materials or products.
8		(2)	"Recycl	ing" includes composting.
	[(m)] in the busine sale, or disp		ycling, in	ing services" means the services provided by persons engaged acluding the collection, processing, storage, purchase, ple materials.
12 13	[(n)] January 1, 1	(P) 988 that:	"Resour	ce recovery facility" means a facility in existence as of
14 15	electricity, r	(1) netals, or		es solid waste to produce valuable resources, including steam, erived fuel; and
16 17	stream.	(2)	Achieve	s a volume reduction of at least 50 percent of its solid waste
18 19	[(o)] unless recyc	(Q) led, be di	(1) isposed o	"Solid waste stream" means garbage or refuse that would, f in a refuse disposal system located in this State.
20		(2)	"Solid w	vaste stream" does not include:
21			(i)	Hospital waste;
22			(ii)	Rubble;
23			(iii)	Scrap material;
24			(iv)	Land clearing debris;
25			(v)	Sewage sludge; or
26 27	of in a facili	ty dedica	(vi) ted solely	Waste generated by a single individual or business and disposed for that entity's waste.
28	[(p)]	(R)	"White g	goods" includes:
29		(1)	Refriger	ators;
30		(2)	Stoves;	
31		(3)	Washing	g machines;

PROVIDES INFORMATION AND GUIDANCE TO LOCAL

INCLUDES A LISTING OF FACILITIES THAT HANDLE THE

1.

31 CONSTRUCTION AND DEMOLITION MATERIALS; AND

34 LOCATION AND CONTACT INFORMATION; AND

30 GOVERNMENTS AND CONSTRUCTION CONTRACTORS ON THE DIVERSION OF

33 DIVERSION OF CONSTRUCTION AND DEMOLITION MATERIALS, INCLUDING

29

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3 4	(II) MODEL GUIDELINES TO ASSIST LOCAL GOVERNMENTS IN DEVELOPING A PLAN FOR THE DIVERSION OF CONSTRUCTION AND DEMOLITION MATERIALS, INCLUDING PERCENTAGE GOALS FOR THE AMOUNT OF MATERIALS THAT CAN REASONABLY BE DIVERTED ON AND AFTER EACH OF THE FOLLOWING DATES:
6	1. OCTOBER 1, 2010;
7	2. OCTOBER 1, 2015; AND
8	3. OCTOBER 1, 2020; AND
	(6) ON RECEIPT OF A COUNTY DIVERSION PLAN SUBMITTED IN ACCORDANCE WITH § 9-1703 (G)(3) OF THIS SUBTITLE, POST THE PLAN ON THE DEPARTMENT'S WEBSITE.
14	(e) Beginning on January 1, 1990, and biannually thereafter, the Office shall, in coordination with the Maryland Environmental Service, study and report to the Governor and, subject to § 2-1246 of the State Government Article, the General Assembly on:
16 17	(1) The availability of local, national, and international markets for recycling materials, INCLUDING CONSTRUCTION AND DEMOLITION MATERIALS;
	(2) The identification and location of recycling centers, including an analysis of existing recycling centers and the need to expand these facilities or construct new recycling centers;
21 22	(3) Programs necessary to educate the public on the need to participate in recycling efforts;
23 24	(4) The economics and financing of existing and proposed systems of waste disposal and recycling;
25	(5) State procurement policies for the purchase of recycled materials;
26 27	(6) Programs necessary to reduce the amount of solid waste generated for disposal by a State agency or unit;
28 29	(7) The liaison role with local governments, the federal government, and the private sector;
30 31	(8) The percentage reduction in the amount of solid waste that has been achieved by each county; [and]
32 33	(9) Economically feasible methods for the recycling of scrap automobile tires, batteries, and white goods; AND
34 35	(10) THE DEVELOPMENT OF A RESOURCE GUIDE AND MODEL GUIDELINES REQUIRED UNDER SUBSECTION (D)(5) AND (6) OF THIS SECTION.

3 4	make recommend system of recommendation	nendation	By December 1, 1988, the Office shall, in coordination with the ntal Service and the Governor's Task Force on Solid Waste, ns to the General Assembly for the financing of a comprehensive the State and local level, including funding for recycling ipment, recycling education, and marketing strategies.		
8	request for fu	ınds nece	After the financing recommendations are made under paragraph (1) the county may submit to the Office and the Governor a detailed essary to assist in the development and implementation of a guidelines developed by the Office.		
		ubsection	ing feasible methods for the management and recycling of used in (e)(9) of this section, the Office of Recycling shall consult with try, including representatives of:		
13		(1)	Tire manufacturers;		
14		(2)	Tire dealers; and		
15		(3)	Tire recyclers.		
18	FOR THE D SUBSECTION	OIVERSION (D)(5	TELOPING A MODEL RESOURCE GUIDE AND MODEL GUIDELINES ON OF CONSTRUCTION AND DEMOLITION MATERIALS UNDER 5) AND (6) OF THIS SECTION, THE OFFICE OF RECYCLING SHALL EPRESENTATIVES OF:		
20		(1)	LOCAL GOVERNMENT;		
21		(2)	THE CONSTRUCTION INDUSTRY;		
22		(3)	RECYCLING ORGANIZATIONS;		
23		(4)	THE U.S. GREEN BUILDING COUNCIL; AND		
24		(5)	ENVIRONMENTAL ORGANIZATIONS.		
25	9-1703.				
	Each county shall submit a recycling plan to the Secretary for approval when the county submits its county plan to the Secretary in accordance with the provisions of § 9-505 of this title.				
29 30	(b) county shall		aring the recycling plan as required in § 9-505 of this title, the		
31		(1)	Methods to meet the solid waste stream reduction;		
32 33	generated w	(2) ithin the	The feasibility of source separation of the solid waste stream county;		
34		(3)	The recyclable materials to be separated;		

1 (4) The strategy for the collection, processing, marketing, and disposition 2 of recyclable materials, including the cost-effective use of recycling centers; 3 (5) Methods of financing the recycling efforts proposed by the county; 4 (6) Methods for the separate collection and composting of yard waste; 5 (7) The feasibility of a system for the composting of mixed solid wastes; 6 (8)The feasibility of a system for the collection and recycling of white 7 goods; 8 (9)The separate collection of other recyclable materials; and (10)Any other alternative methods of recycling that will attain or exceed 10 the solid waste stream reduction goals determined by the county. 11 (c) (1) In preparing the recycling plan as required under § 9-505 of this 12 title, the county may address methods for the separate collection and recycling of 13 computers, including efforts by the county to establish partnerships with computer 14 manufacturers, recyclers, retailers, or other local governments for the collection and 15 recycling of computers. If a county elects to address methods for the separate collection and 16 17 recycling of computers in its recycling plan, any reduction in the county's solid waste 18 stream attributable to the implementation of the methods shall count towards the 19 county's required reduction through recycling of the solid waste stream under § 9-505 20 of this title. 21 (d) A county that achieves a reduction of at least 5 percent in the volume of its 22 waste through the utilization of 1 or more resource recovery facilities in operation as 23 of January 1, 1988 shall be considered to have achieved a reduction by recycling of 5 24 percent of its solid waste stream. 25 In preparing a recycling plan, a county may not calculate a tax or mandatory deposit on any beverage container that is enacted by a county or municipality to achieve the recycling goals required under § 9-505 of this title. For the purpose of determining weight, the Department may not preclude 28 (f) 29 the use of portable weigh scales. ON OR BEFORE OCTOBER 1, 2010, EACH COUNTY SHALL DEVELOP 30 (G) (1) 31 AND IMPLEMENT A PLAN FOR THE MANAGEMENT OF CONSTRUCTION AND 32 DEMOLITION MATERIALS THAT ESTABLISHES PERCENTAGE GOALS FOR THE 33 DIVERSION OF CONSTRUCTION AND DEMOLITION MATERIAL FROM DISPOSAL IN 34 RUBBLE LANDFILLS OR OTHER SOLID WASTE DISPOSAL FACILITIES. 35 (2) THE PLAN MAY INCLUDE:

AN ADJUSTMENT IN FEES IMPOSED FOR THE DISPOSAL OF 1 (I) 2 CONSTRUCTION AND DEMOLITION MATERIAL; (II)THE IMPOSITION OF FINES AND PENALTIES FOR A VIOLATION 4 OF THE PLAN; (III) THE DEVELOPMENT OF INCENTIVES FOR THE PROMOTION OF 6 MARKETS FOR CONSTRUCTION AND DEMOLITION MATERIALS; AND 7 THE DEVELOPMENT OF INCENTIVES FOR CONSTRUCTION 8 CONTRACTORS TO PARTICIPATE IN THE DIVERSION OF CONSTRUCTION AND 9 DEMOLITION MATERIALS. 10 (3) EACH COUNTY SHALL: 11 SUBMIT THE PLAN DEVELOPED IN ACCORDANCE WITH 12 PARAGRAPH (1) OF THIS SUBSECTION TO THE DEPARTMENT FOR INFORMATIONAL 13 PURPOSES ONLY; AND 14 POST THE PLAN ON THE COUNTY'S WEBSITE. (II) SECTION 2. AND BE IT FURTHER ENACTED, That the Laws of Maryland 15 16 read as follows: 17 **Article - Environment** 18 9-1701. 19 (a) In this subtitle the following words have the meanings indicated. 20 "Compost" means the product of composting in accordance with the 21 standards established by the Secretary of Agriculture under § 6-221 of the 22 Agriculture Article. 23 "Composting" means the controlled biological decomposition of organic 24 waste material in accordance with the standards established by the Secretary under 25 this title. "CONSTRUCTION AND DEMOLITION MATERIALS" MEANS BUILDING 26 (D) 27 MATERIALS AND SOLID WASTE RESULTING FROM CONSTRUCTION, REMODELING, 28 REPAIR, CLEANUP, OR DEMOLITION OPERATIONS THAT ARE NOT CONTROLLED 29 HAZARDOUS SUBSTANCES AS DEFINED IN TITLE 7, SUBTITLE 2 OF THIS ARTICLE. 30 [(d)](E) "Director" means the Director of the Office of Recycling. "DIVERSION" MEANS THE PROCESS OF USING MATERIAL FOR ANY 31 32 PURPOSE OTHER THAN DISPOSAL IN A LANDFILL OR OTHER REFUSE DISPOSAL 33 SYSTEM. "DIVERSION" INCLUDES RECYCLING. 34 (2)

1 2	[(e)] refuse.	(G)	(1)	"Natural wood waste" means tree and other natural vegetative
3	mats, logs, a	(2) nd other i		wood waste" includes tree stumps, brush and limbs, root getative material.
5 6	[(f)] recycling ser	(H) vices for	(1) natural w	"Natural wood waste recycling facility" means a facility where rood waste are provided.
7 8	or processing	(2) g facility		wood waste recycling facility" does not include a collection by:
9 10	or		(i)	A nonprofit or governmental organization located in the State;
	for its own e	employee	(ii) s or for it	A single individual or business that provides recycling services s own recyclable materials generated on its own
14	[(g)]	(I)	"Office"	means the Office of Recycling within the Department.
15	[(h)]	(J)	"Recycla	able materials" means those materials that:
16 17	system; and	(1)	Would o	therwise become solid waste for disposal in a refuse disposal
18 19		(2) in the fo		collected, separated, or processed and returned to the materials or products.
	otherwise be			"Recycling" means any process in which materials that would are collected, separated, or processed and returned to raw materials or products.
23		(2)	"Recycli	ing" includes composting.
	- 0/-		ycling, in	ing services" means the services provided by persons engaged cluding the collection, processing, storage, purchase, le materials.
27 28	[(k)] January 1, 1	(M) 988 that:	"Resoure	ce recovery facility" means a facility in existence as of
29 30	electricity, n	(1) netals, or		es solid waste to produce valuable resources, including steam, erived fuel; and
31 32	stream.	(2)	Achieve	s a volume reduction of at least 50 percent of its solid waste
33 34	[(l)] unless recyc	(N) led, be di	(1) isposed of	"Solid waste stream" means garbage or refuse that would, f in a refuse disposal system located in this State.

29 required under § 9-1703 of this subtitle and § 9-505 of this title, including technical

30 assistance to the local governments;

2	the recycling goals at the county level; [and]
	(3) Review all recycling plans submitted as part of a county plan as required under § 9-505 of this title and advise the Secretary on the adequacy of the recycling plan;
6 7	(4) ON OR BEFORE OCTOBER 1, 2008, DEVELOP AND POST ON THE DEPARTMENT'S WEBSITE:
8	(I) A RESOURCE GUIDE THAT:
	1. PROVIDES INFORMATION AND GUIDANCE TO LOCAL GOVERNMENTS AND CONSTRUCTION CONTRACTORS ON THE DIVERSION OF CONSTRUCTION AND DEMOLITION MATERIALS; AND
	2. INCLUDES A LISTING OF FACILITIES THAT HANDLE THE DIVERSION OF CONSTRUCTION AND DEMOLITION MATERIALS, INCLUDING LOCATION AND CONTACT INFORMATION; AND
17 18	(II) MODEL GUIDELINES TO ASSIST LOCAL GOVERNMENTS IN DEVELOPING A PLAN FOR THE DIVERSION OF CONSTRUCTION AND DEMOLITION MATERIALS, INCLUDING PERCENTAGE GOALS FOR THE AMOUNT OF MATERIALS THAT CAN REASONABLY BE DIVERTED ON AND AFTER EACH OF THE FOLLOWING DATES:
20	1. OCTOBER 1, 2010;
21	2. OCTOBER 1, 2015; AND
22	3. OCTOBER 1, 2020; AND
	(5) ON RECEIPT OF A COUNTY DIVERSION PLAN SUBMITTED IN ACCORDANCE WITH $\S$ 9-1703 (G)(3) OF THIS SUBTITLE, POST THE PLAN ON THE DEPARTMENT'S WEBSITE.
28	(e) Beginning on January 1, 1990, and biannually thereafter, the Office shall, in coordination with the Maryland Environmental Service, study and report to the Governor and, subject to § 2-1246 of the State Government Article, the General Assembly on:
30 31	(1) The availability of local, national, and international markets for recycling materials, INCLUDING CONSTRUCTION AND DEMOLITION MATERIALS;
	(2) The identification and location of recycling centers, including an analysis of existing recycling centers and the need to expand these facilities or construct new recycling centers;
35 36	(3) Programs necessary to educate the public on the need to participate in recycling efforts;

1 2	(4) The economics and financing of existing and proposed systems of waste disposal and recycling;
3	(5) State procurement policies for the purchase of recycled materials;
4 5	(6) Programs necessary to reduce the amount of solid waste generated for disposal by a State agency or unit;
6 7	(7) The liaison role with local governments, the federal government, and he private sector;
8 9	(8) The percentage reduction in the amount of solid waste that has been schieved by each county; [and]
10 11	(9) Economically feasible methods for the recycling of scrap automobile tires, batteries, and white goods; AND
12 13	(10) THE DEVELOPMENT OF A RESOURCE GUIDE AND MODEL GUIDELINES REQUIRED UNDER SUBSECTION (D)(4) AND (5) OF THIS SECTION.
16 17	(f) (1) By December 1, 1988, the Office shall, in coordination with the Maryland Environmental Service and the Governor's Task Force on Solid Waste, make recommendations to the General Assembly for the financing of a comprehensive system of recycling at the State and local level, including funding for recycling centers, recycling equipment, recycling education, and marketing strategies.
21	(2) After the financing recommendations are made under paragraph (1) of this subsection, each county may submit to the Office and the Governor a detailed request for funds necessary to assist in the development and implementation of a recycling plan under guidelines developed by the Office.
	(g) In studying feasible methods for the management and recycling of used tires under subsection (e)(9) of this section, the Office of Recycling shall consult with the appropriate industry, including representatives of:
26	(1) Tire manufacturers;
27	(2) Tire dealers; and
28	(3) Tire recyclers.
31	(H) IN DEVELOPING A MODEL RESOURCE GUIDE AND MODEL GUIDELINE FOR THE DIVERSION OF CONSTRUCTION AND DEMOLITION MATERIALS UNDER SUBSECTION (D)(4) AND (5) OF THIS SECTION, THE OFFICE OF RECYCLING SHALL CONSULT WITH REPRESENTATIVES OF:
33	(1) LOCAL GOVERNMENT;
34	(2) THE CONSTRUCTION INDUSTRY;
35	(3) RECYCLING ORGANIZATIONS;

33 DEVELOP AND IMPLEMENT A PLAN FOR THE MANAGEMENT OF CONSTRUCTION AND

- 1 DEMOLITION MATERIALS THAT ESTABLISHES PERCENTAGE GOALS FOR THE
- 2 DIVERSION OF CONSTRUCTION AND DEMOLITION MATERIAL FROM DISPOSAL IN
- 3 RUBBLE LANDFILLS OR OTHER SOLID WASTE DISPOSAL FACILITIES.
- 4 (II) THE PLAN MAY BE INCLUDED IN THE COUNTY'S RECYCLING
- 5 PLAN REQUIRED UNDER SUBSECTION (A) OF THIS SECTION.
- 6 (2) THE PLAN MAY INCLUDE:
- 7 (I) AN ADJUSTMENT IN FEES IMPOSED FOR THE DISPOSAL OF 8 CONSTRUCTION AND DEMOLITION MATERIAL;
- 9 (II) THE IMPOSITION OF FINES AND PENALTIES FOR A VIOLATION
- 10 OF THE PLAN;
- 11 (III) THE DEVELOPMENT OF INCENTIVES FOR THE PROMOTION OF
- 12 MARKETS FOR CONSTRUCTION AND DEMOLITION MATERIALS; AND
- 13 (IV) THE DEVELOPMENT OF INCENTIVES FOR CONSTRUCTION
- 14 CONTRACTORS TO PARTICIPATE IN THE DIVERSION OF CONSTRUCTION AND
- 15 DEMOLITION MATERIALS.
- 16 (3) EACH COUNTY SHALL:
- 17 (I) SUBMIT THE PLAN DEVELOPED IN ACCORDANCE WITH
- 18 PARAGRAPH (1) OF THIS SUBSECTION TO THE DEPARTMENT FOR INFORMATIONAL
- 19 PURPOSES ONLY; AND
- 20 (II) POST THE PLAN ON THE COUNTY'S WEBSITE.
- 21 SECTION 3. AND BE IT FURTHER ENACTED, That Section 2 of this Act shall
- 22 take effect on the taking effect of the termination provision specified in Section 3 of
- 23 Chapter 384 of the Acts of the General Assembly of 2005. If that termination provision
- 24 takes effect, Section 1 of this Act shall be abrogated and of no further force and effect.
- 25 This Act may not be interpreted to have any effect on that termination provision.
- 26 SECTION 4. AND BE IT FURTHER ENACTED, That, subject to the provisions
- 27 of Section 3 of this Act, this Act shall take effect October 1, 2006.