

Appendix D4 – Management Programs (Litter and Floatables)

Litter and Floatables

Waste reduction is the preferred method in the solid waste management hierarchy. Reductions in waste generation lessen the burden of solid waste management by decreasing the amount of material entering the system. The waste reduction plan reflects a multi-faceted approach.

The curbside collection of waste and recyclables is available to residents and services are provided by local trash collection companies. Residents who do not subscribe to a curbside collection service may drop-off material at the HWDC. A 2014 phone survey indicated about 85 percent of all residents recycle with about 80 percent subscribing to a curbside collection program and about four percent self-hauling to the HWDC.

Media Outlets

The County has consistently spent considerable resources targeting County residents with various forms of advertisement through local radio, newspapers, magazines, and website ads. In addition, the Office of Recycling maintains a website, www.Harfordrecycles.org which includes in-depth information on the importance of waste reduction and information regarding all the recycling programs available for County residents. The website is updated frequently to highlight seasonal programs and events such as Christmas tree recycling and grass cycling. The Harford County Reuse Guide is maintained on this website as well as a list of frequently asked questions. Brochures are available for Harford County residents both on the website and in print. Topics include grass cycling, single stream recycling, business recycling, textile and electronics recycling, used motor oil and antifreeze recycling, general recycling available at the HWDC, and mulch and compost information.

Social media has become a critical tool for outreach and education. The Office of Recycling maintains an active Facebook page <https://www.facebook.com/HarfordCountyRecycling> which encourages communication and engagement with residents and businesses concerning waste reduction and recycling opportunities. The Facebook page allows the Office of Recycling to post educational information, address questions, and promote recycling. Contests and giveaways are employed to encourage participation and discussion on the page.

School Programs

Harford County Public Schools recognizes the importance of recycling, and as such, every fourth grade science class in the Harford County Public School system provides lessons designed to teach the importance of waste reduction and recycling. The Office of Recycling provides presentations, lessons, and activities to accompany the curriculum. This support extends to middle and high schools and school groups are also encouraged to visit the HWDC to see landfilling and recycling in action.

The Office of Recycling also supports school participation in the Maryland Association for Environmental and Outdoor Education (MAEOE) Green School Program. The Harford County Office of Recycling has been certified as a Green Leader to fully engage and assist with application completion, presentations, lessons and activities, teacher training, and coordinating/creating community partnerships for completion of outlined program objectives.

Community Programs

Community outreach is another important aspect of public education. Community groups are encouraged to contact the Office of Recycling and schedule presentations and tours of the HWDC. In addition, the Office of Recycling participates in local special events, expos, fairs, and business events to highlight recycling.

Business Program

Businesses are also encouraged to recycle through the Partners in Recycling program. This program recognizes businesses who are recycling with a display sticker, a listing on our website, and inclusion in media advertising. The Office of Recycling aids businesses looking to recycle in the form of waste assessments, educational materials, and training sessions in waste reduction and recycling. The Office of Recycling also reaches out to businesses and offers on-site visits to discuss business recycling opportunities and the result on their bottom-line. Businesses that are recycling are encouraged to apply for recognition through the annual Business Recycling Awards program. Awards are given to businesses who demonstrate a commitment to recycling and source reduction in their organization. Award winners receive a plaque during a public award ceremony and are included in an announcement through various media outlets.

Business recycling in Harford County is strictly voluntary. Unfortunately, many businesses do not recycle which is evident by significant quantities of recyclables observed entering the landfill for disposal. Whenever large quantities of recyclables are received, the County attempts to track the origin of the load and pinpoint the business that generated the recyclables. Some conversations with these business owners indicate that (1) the local trash collection companies market their services in ways that do not lessen the business owner's costs for recycling and/or (2) it is corporate policy not to recycle unless local government laws require recycling.

Parks and Recreation Programs

As part of the Harford County Land Preservation, Parks, and Recreation Plan, the Department identified recycling and other conservation practices as part of the overall strategic plan. Working in partnership with Harford County Public Schools, Parks and Recreation began a pilot program to implement single stream recycling at all public school stadiums and then expanded the program to include all school sites as part of a County-wide implementation at all Department parks and facilities. Because of the successful partnership with Harford County Public Schools,

the Department of Parks and Recreation fully implemented single stream recycling at all parks, centers, offices, sports fields, and special events. Working in cooperation with the Harford County Office of Sustainability and the Division of Environmental Services, Recycling Office, Parks and Recreation purchased 400 additional recycling containers, lids, and signage to implement the “Recycling Just Like at Home” program.

Computer and Electronic Program

The proliferation of computer and consumer electronics has resulted in continued growth in this portion of the U.S. waste stream. Electronic recyclables include computers, non-CRT computer monitors, computer peripherals, non-CRT televisions, stereophonic equipment, VCRs, DVRs, cellphones, and similar electronic products. Harford County has a contract in place with an eCycling vendor. Harford County intends to continue to offer this service to County residents and businesses in the future.

Household Hazardous Waste Program

Household hazardous waste was collected from residents at four dedicated events during this reporting period. To be accepted, all items must be in containers with quantities normally found in retail stores. Items accepted included oil-based paints and stains, solvents, herbicides, pesticides, mercury thermometers, mercury containing thermostats, fluorescent light tubes and CFLs, pool chemicals, caustic cleaners, acids, and other items that may cause harm if not safely handled or applied.

Maryland Environmental Service
Harford County Roadside Litter Control Program
Fiscal Year 2022

		Litter	Lbs. of	Lbs. of	Adopt- A-	Adopt- A- Road	Adopt- A- Road	NOA
		Control	Solid Waste	Recyclables	Road	Solid Waste	Recyclables	Solid Waste
<u>Date</u>	<u>Tires</u>	<u>Miles</u>	<u>Collected</u>	<u>Collected</u>	<u>Miles</u>	<u>Collected</u>	<u>Collected</u>	<u>Collected</u>
July-21	43	51.6	4011	1902	6.5	80	50	260
August-21	2	53	5518	499	10.5	195	130	0
September-21	7	54.2	4011	719	11.0	210	60	420
October-21	26	90.5	5063	1900	14.9	810	330	0
November-21	31	62.9	4864	747	16.5	380	140	2260
December-21	20	81.5	4184	2015	14.7	745	130	700
January-22	18	90.5	4005	1681	9.2	50	25	0
February-22	59	79.3	5218	3692	6.5	195	30	0
March-22	58	69.9	5111	3694	15.0	2357	1175	0
April-22	49	43.2	7204	3026	15.1	510	160	0
May-22	55	79.6	6473	3085	7.3	440	120	0
June-22	13	83.3	2999	813	6.3	560	80	0
Totals	381	839.5	58661	23773	133.5	6532	2430	3640

Litter Control Miles	839.5
Adopt-A-Road Miles	133.5
Total Miles For Fiscal Year	973.0

Adopt-A-Road Signed Contracts

96

Recyclables Collected in Lbs.	23,773
Adopt-A-Road Recyclables Collected In Lbs.	2,430
Total Recyclables Collected In Lbs.	26,203

Solid Waste Collected in Lbs.	58661
Adopt-A-Road Solid Waste Collected In Lbs.	6,532
NOA Solid Waste Collected in Lbs.	3,640
Total Solid Waste Collected in Lbs.	68,833

Harford County MS-4 Outreach Log FY 22

Name	Date	# Participants	POC	Program Type
Harford Streams Monthly Meeting	1/18/22	20	HC Environmental Groups	Public Outreach
MRN Planning Call	1/21/2022	30	MRN	Public Outreach
MDNR Clean Marina Workshop Marine Plastic	3/11/2022	100	Maryalnd DNR	Public Outreach
Arbor Day at HWDC	4/15/2022	200	HWDC	Public Outreach
Farm Fair/Farm Bureau Committee Meeting	6/2/2022	10	Farm Fair Committee	Public Outreach
HC 4-H Camp Virtual Training Recycling	6/17/2022	30	Harford County 4-h	Public Outreach
MRN Conference	6/23/2022	200	Maryland MRN	Public Outreach
HC Farm Fair Planning Meeting	6/29/2022	10	Farm Fair Committee	Public Outreach
Master Gardener Meeting Virtual	1/11/2021	50	Joyce Browning	Recycling Education and Outreach County Residents
Master Gardener Zoom Meeting 7/8/2021	7/8/2021	50	Joyce Browning	Recycling Education and Outreach County Residents
Harford Glenn Virtual Landill and Recycling	7/18/2021	300	Ruth Eisenhower	Recycling Education and Outreach County Residents
Harford Streams Virtual All County Meeting	7/20/2021	10	Laura Coste	Recycling Education and Outreach County Residents
Harford County Envirothon Meeting	8/12/2021	50	Howard Eakes	Recycling Education and Outreach County Residents
Master Gardener Virtual Meeting	9/3/21	50	Joyce Browning	Recycling Education and Outreach County Residents
Harford Glenn Envirothon Outreach & Education	9/9/21	300	Howard Eakes	Recycling Education and Outreach County Residents
Envirtho County Wide Outreach	10/8/21	300	Howard Eakes	Recycling Education and Outreach County Residents
Master Gardener Virtual Meeting	11/5/21	50	Joyce Browning	Recycling Education and Outreach County Residents
Harford Streams Outreach Meeting	11/16/21	10	Laura Coste	Recycling Education and Outreach County Residents
Harford County Virtual Ag Holiday Recycling	12/31/2021	30	Andy Kness	Recycling Education and Outreach County Residents
MAEOE HC Virtual Lunch and Share Webinars	7/10/2021	40	MAEOE	School Presentation
MAEOE HC Virtual Lunch and Share Webinars	7/17/2021	40	MAEOE	School Presentation
MAEOE HC Virtual Lunch and Share Webinars	8/14/21	40	MAEOE	School Presentation
MAEOE HC Virtual Lunch and Share Webinars	8/26/21	40	MAEOE	School Presentation
St. Margarets Catholic Middle School Present	4/14/2022	300	St. Margaret School	School Presentation
Envirothon Advisory Prep Meetin	1/5/2022	30	Howard Eakes	School Presentations
Envirothon Research and Prep	1/7/2022	10	Envirothon Committee	School Presentations
Envirothon Virtual Presentation County Wide	1/8/2022	100	All HCPS High Schools (12)	School Presentations

Name	Date	# Participants	POC	Program Type
Environthon Wednesday Review and Training	1/14/2022	40	All HCPS High Schools (12)	School Presentations
Envirothon Wednesday Review and Training	1/19/2022	40	All HCPS High Schools (12)	School Presentations
Envirothon Wednesday Review and Training	1/26/22	40	All HCPS High Schools (12)	School Presentations
Forest Hill Elementary School Prepare	1/28/2022	5	Green Committee	School Presentations
Envirothon Wednesday Review and Training	2/2/22	40	All HCPS High Schools (12)	School Presentations
Envirothon Wednesday Review and Training	2/9/2022	40	All HCPS High Schools (12)	School Presentations
Envirothon Wednesday Review and Training	2/16/2022	40	All HCPS High Schools (12)	School Presentations
Harford County Envirothon 5th Topic Present	2/19/22	100	All HCPS High Schools (12)	School Presentations
Envirothon 5th Topic Student Research	2/25/22	40	All HCPS High Schools (12)	School Presentations
Envirothon Research and Prep	3/4/2022	40	All HCPS High Schools (12)	School Presentations
Edgewood High School Green School Review	3/4/2022	20	Green Committee	School Presentations
Envirothon Test Prepare	3/11/2022	10	Envirothon Committee	School Presentations
Green School Application Review HC	3/11/2022	20	Green Committee	School Presentations
Envirothon Test Prepare	3/18/2022	10	Envirothon Committee	School Presentations
Envirothon Test Prepare	3/25/2022	10	Envirothon Committee	School Presentations
Envirothon Test Prepare	4/1/2022	10	Envirothon Committee	School Presentations
MAEOE Fall 2022 Conference Call	4/5/2022	5	Green School Cert	School Presentations
Envirothon Committee Meeting	4/7/2022	10	Envirothon Committee	School Presentations
Forest Hill Elementary School Earth Day	4/21/2022	500	Green Committee	School Presentations
Harford Christian School Tour HWDC	4/11/2022	30	Harford Christian	School Presentations/Tour

FY 2022 Office of Recycling			
	# of Events		Participants
Outreach and Education	11		1200
Public Outreach	8		600
School	28		1,650
Total Estimated Outreach			3,450
Advertising			
Advertising	4		
Social Media Posts	985		

HOUSEHOLD HAZARDOUS WASTE DAYS SCHEDULE 2022

Tuesday, February 1

Saturday, May 7

Tuesday, August 2

Saturday, November 5

8 a.m. - 12 p.m.

Harford Waste Disposal Center

Mulch & Compost Facility | 3139 Scarboro Road, Street

HARFORD COUNTY RESIDENTS ONLY

For a list of acceptable items visit: www.harfordcountymd.gov/HHW

FREE on site document shredding also available on May 7 & November 5

