

**Calendar Year 2009 Recycling Rate Computation**

<u>Category</u>	<u>Line-item Totals</u>	<u>Category Totals</u>	<u>Unit of Measure</u>	<u>Recycling:</u>	<u>Company</u>	<u>Onsite Container</u>	<u>Pickup Frequency</u>	<u>Method used to obtain data:</u>	<u>Source of data:</u>
<b>Office Paper:</b>									
	164,216		Pounds	= Grade-1 (All white paper)	Georgetown Paper Stock Inc	9/ea wheeled hampers	twice-weekly	Actual weight	Info from the GSA website
	187,392		Pounds	= Grade-2 (Mixed paper)	Georgetown Paper Stock Inc	5/ea wheeled hampers	twice-weekly	Actual weight	Info from the GSA website
	0		Pounds	= Disintegrated Classified Paper	CIA Langley, VA	28/ea containers		Actual weight	Info from NRC Security. All waste transported was incinerated
	0		Pounds	= Disintegrated Classified Plastic	CIA Langley, VA	28/ea containers		Actual weight	Info from NRC Security. All waste transported was incinerated
	5,140		Pounds	= Recycled Classified Paper	Self-haul to Ft. Meade			Actual weight	Info from NRC Security
	60		Pounds	= Recycled Classified Plastic	Self-haul to Ft. Meade			Actual weight	Info from NRC Security
	<b>356,808</b>		<b>Pounds</b>	<b>= Subtotal for Office Paper</b>					
<b>Cardboard and other Paper:</b>									
	8,720		Pounds	= Grade-3 Newspapers only	Georgetown Paper Stock Inc	2/ea wheeled hampers	twice-weekly	Actual weight	Info from the GSA website
	15,336		Pounds	= Grade-6 mixed commercial office paper	Georgetown Paper Stock Inc		twice-weekly	Actual weight	Info from the GSA website
	263,177		Pounds	= TWFN cardboard compactor container	Waste Management			Estimated weight using the prescribed formula provided by facilities contractor and verified by Montgomery County	(formula used is 600lbs for the 8-cubic-yard container X 5-pickups per-week)
	2,631		Pounds	Est. Cardboard NRC Warehouse					
	200		Pounds	= Grade-4 cardboard	Georgetown Paper Stock Inc			Actual weight	Info from the GSA website
	1,166		Pounds	= Grade-5 Directories	Georgetown Paper Stock Inc			Actual weight	Info from the GSA website
	<b>291,230</b>		<b>Pounds</b>	<b>= Subtotal for Cardboard and other paper</b>					







Filename = P:/E.O. 13423/2009 Recycling and Waste Diversion rates as of 011510.xls					
2009 Data on Waste Generated By NRC Headquarters					
<b>NRC</b>	<b>Location</b>	<b>Unit of</b>	<b><u>Company</u></b>		<b>Pickup</b>
<b><u>Location</u></b>	<b><u>Totals</u></b>	<b><u>Measure</u></b>		<b><u>Onsite Container</u></b>	<b><u>Frequency</u></b>
<b>OWFN Building</b>	<b>561,600</b>	<b>Pounds</b>	<b>Waste Management</b>	<b>30-cubic-yards</b>	<b>Every Tuesday</b>
<b>TWFN Building</b>	<b>249,408</b>	<b>Pounds</b>	<b>Waste Management</b>	<b>8-cubic-yard Trash-compactor</b>	<b>Daily</b>
	<b>811,008</b>	<b>Pounds</b>	<b>= GRAND TOTAL WEIGHT OF WASTE</b>		

<b><u>Method used to obtain data:</u></b>	<b><u>Source of data:</u></b>
<b>Actual weight</b>	<b>Provided by the waste disposal contractor</b>
<b>We are using the prescribed formula provided by Montgomery County Division of Solid Waste. Waste Management initially provided 2009 waste totals for both buildings at 670.060 lbs. We requested verification and, they submitted 849.080 lbs. for OWFN, 276.440 lbs. for TWFN, and 181.860 lbs. of cardboard. After talking to Gabriela-Reynolds Monzon from Montgomery County Division of Solid Waste. She sent a recycling estimate weight finder used by the County.</b>	

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<b>POTENTIAL VOLUME OF THE NRC WASTE STREAM IN 2008</b>			
285,124	pounds	= Total Weight of Items Reused in 2009	
689,470	pounds	= Total Weight of Items Recycled in 2009	
974,594	pounds	= Total Weight of Items Diverted (Reused/Recycled) from the Waste Stream in 2009	
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811,008	pounds	= Total Weight of Waste Generated in 2009	
1,785,602	pounds	= Combined Total Weight of Waste and Recycling/Reused items in 2009	
<b>2009 RECYCLING RATE CALCULATION</b>			
689,470	pounds	= Total Weight of Only Items Recycled in 2009	
1,785,602	pounds	= Combined Total Weight of Waste and Recycling/Reused items in 2009	
38.6%		= Percentage of NRC Waste Stream Successfully Recycled in 2009	
<b>2009 TOTAL WASTE DIVERSION (RECYCLING + REUSE) RATE CALCULATION</b>			
974,594	pounds	= Total Weight of Items Diverted (Reused/Recycled) from the Waste Stream in 2009	
1,785,602	pounds	= Combined Total Weight of Waste and Recycling/Reused items in 2009	
54.6%		= Percentage of NRC Waste Stream Successfully Diverted by Recycling/Reuse in 2009	
	tons =	487	
	tons =	893	
		54.6%	

2009 ESTIMATED WEIGHT OF ITEMS RE-USED						
Number of Items		Average Weight Per Item	Unit of Measure	=	Total Weight Per Line-Item	Line-Item Description of Each Item
1,339	X	78	Pound	=	104,442	= Systems Furniture
1340	X	128	Pound	=	171,520	= Coventional Furniture
55	X	14.75	Pound	=	811	= Computer Equipment Transferred to Schools
116	X	14.75	Pound	=	1,711	= Computer Equipment Transferred to GSA
16	X	415	Pound	=	6,640	= Copier Equipment
			Pounds			= Disintegrated Classified Paper
			Pounds			= Disintegrated Classified Plastic
					<b>285,124</b>	<b>= Total pounds</b>



