



Litter Survey for Random Selection of Baltimore B2 (Residential /Business) Districts

Data Driven Diversion



BEFORE



AFTER

- Pennsylvania Ave & Sanford
- Reisterstown Rd & Gwynns Falls
- Liberty Heights & Garrison Blvd
- North Ave & McCulloh



Collect

In coordination with DPW we had four random samples from various B2 districts collected by Hokie men and delivered to our sorting facility in Westport



Separate

When the material arrives at our facility, it is separated and sorted. A detailed categorization process is used to catalog the material types within the litter bags and each material type is weighed and measured by volume



Analyze

We capture all necessary data to begin our reporting process of mismanaged waste



Report back

After the separation process is complete, we generate a comprehensive report

Sorting Pad



North Avenue & MC Culloh St.



Liberty Heights & Garrison BLVD.



Pennsylvania Avenue & Sanford Large



Reisterstown Road and Gwynn Falls



**AGGREGATED LITTER TOTALS
BY NEIGHBORHOOD**

	Pennsylvania Ave & Sanford	% of Total Large Litter	Reisterstown Rd & Gwynns Falls	% of Total Large Litter	Liberty Heights & Garrison Blvd	% of Total Large Litter	North Ave & McCulloh	% of Total Large Litter
LARGE (>4in2)								
Other Miscellaneous	10	10.9%	0	0.0%	24	6.0%	25	10.9%
Printed & Fiber Materials	18	19.6%	16	21.9%	303	75.2%	26	11.4%
Confectionary	5	5.4%	0	0.0%	24	6.0%	1	0.4%
Cups	6	6.5%	11	15.1%	4	1.0%	23	10.0%
Bags	18	19.6%	9	12.3%	11	2.7%	22	9.6%
Other Packaging	6	6.5%	1	1.4%	0	0.0%	3	1.3%
Beverage Containers	8	8.7%	19	26.0%	21	5.2%	32	14.0%
Take-Out Extras	5	5.4%	3	4.1%	5	1.2%	2	0.9%
Tobacco Products	2	5.4%	1	1.4%	4	1.0%	14	6.1%
Wraps	5	0.0%	1	1.4%	0	0.0%	0	0.0%
Textiles	0	0.0%	5	6.8%	0	0.0%	1	0.4%
Other Containers	3	3.3%	0	0.0%	0	0.0%	2	0.9%
Boxes	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Trays / Paper Plates	0	0.0%	1	1.4%	0	0.0%	1	0.4%
Mylar Bags	6	6.5%	2	2.7%	6	1.5%	12	5.2%
Lottery Tickets	0	0.0%	1	1.4%	0	0.0%	61	26.6%
Fare (Public Transit)	0	0.0%	3	4.1%	1	0.2%	4	1.7%
SUB TOTAL	92		73		403		229	

	Observations	% of Total Small Litter	Observations	% of Total Small Litter	Observations	% of Total Small Litter	Observations	% of Total Small Litter
SMALL (<4in2)								
Cigarette Butts / Debris	6	12.5%	42	34.4%	110	43.5%	115	21.4%
Other Tobacco	0	0.0%	0	0.0%	6	2.4%	0	0.0%
Bottle Caps	1	2.1%	10	8.2%	9	3.6%	18	3.4%
Straws	3	6.3%	5	4.1%	12	4.7%	5	0.9%
Candy Wrap. / Packaging	16	33.3%	24	19.7%	35	13.8%	34	6.3%
Polyfoam Packaging	4	8.3%	0	0.0%	0	0.0%	0	0.0%
Other Polystyrene Debris	1	2.1%	6	4.9%	5	2.0%	82	15.3%
Glass	1	2.1%	28	23.0%	0	0.0%	167	31.1%
Plastic Film	10	20.8%	0	0.0%	34	13.4%	20	3.7%
Hard Plastic	3	6.3%	4	3.3%	21	5.9%	60	11.2%
Aluminum Debris / Foil Debris	2	4.2%	3	2.5%	15	5.9%	22	4.1%
Rubber	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Metal (non-alum.)	1	2.1%	0	0.0%	6	2.4%	0	0.0%
Other Metals	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Gum deposits on pavement	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Miniature Beverage Bottles	0	0.0%	0	0.0%	0	0.0%	14	2.6%
SUB TOTAL	48		122		253		537	