

Original WG Rank	Recommendation	Overlap with Other Working Groups	Comments	Responsible Agencies or Partners	Potential Indicators	Types of Actions Needed (policy change, legislation, funding, community, etc.)
1	<p>By the 2014-2015 school year, establish an environmental curriculum in schools, including standards for environmental literacy and locally relevant content designed to support resource recovery and waste management goals.</p> <ul style="list-style-type: none"> <li>- Establish a leadership structure managed by someone appointed through OSSE by year-end 2012.</li> <li>- Implement curriculum systemwide by 2014-2015 school year (look at Montgomery County curriculum as model).</li> <li>- Schools establish environmental management systems (EMS) or similar plans by 2014 to provide working example of values taught in curriculum. (see <a href="http://www.sustainableschools.org/take-action/stage-3/sustainability-management-systems">http://www.sustainableschools.org/take-action/stage-3/sustainability-management-systems</a> for sample plan)</li> </ul>	All	Very important! Crosses all groups!	OSSE, Deputy Mayor of Education, Chancellor's Office, DCPS, DPW and DDOE	Recycling rate in school, tests/exams, competition between schools	Policy change, funding through budget process (education funding), and Healthy Schools Act.
2	<p>Require businesses in DC to acknowledge and agree to waste management responsibilities as part of their initial registration (COO) or DCRA license renewal process by January 1, 2014.</p> <ul style="list-style-type: none"> <li>- Establish benchmarking requirements by 2014.</li> <li>- Establish incentives for strong performance (tax breaks for top 10%) by 2014</li> <li>- Make information available and revise DCRA forms 2014.</li> <li>- Establish penalties for poor performance by 2014.</li> <li>- Establish waste management workshop program to educate business owners by 2014.</li> <li>- Should become mandatory by 2014.</li> </ul>	Built Environment, Green Economy		DCRA, DPW, DDOE, DSLBD	Increased compliance, increased recycling rate, EPP by businesses, tax break incentives, amount of penalties.	Policy change, enforced legislation, established fines, funding for additional government staff.
3	<p>Increase accessibility and availability of public recycling and litter receptacles; increase street recovery of recyclables by 75% and decrease litter by 25% by 2015.</p> <ul style="list-style-type: none"> <li>- Needs are assessed across wards by 2014.</li> <li>- Deputize DPW to run the public recycling and litter can program by 2012.</li> </ul>	Built Environment		DPW and OAG	Recycle rate, litter rate	Funding for additional servicing and containers.

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4	DPW will service all households in its service area with a three-stream (landfill, recyclables, compostables) collection process by 2018. - Carve out space at Benning Rd or Ft Totten for private compost haulers. - Establish composting education program to address quality control issues by 2013.			DPW, DDOE, DGS, private sector company, OCP	Increased diversion from landfill.	Policy change, community education, redesign of infrastructure, funding source.
5	Make working filtered public water fountains available in all public parks and playgrounds by 2015.	Water		DC Water (extension of TAPIT program), BIDs, National Park Service	Decrease of purchases of bottled water, increase of purchases of reuseable water bottles	Funding for filters, maintenance/design
6	DGS, DPW, and DDOE, will establish an overarching waste education campaign which will create toolkits for various sectors (residents, employees, businesses) by 2014.	All		DGS, DPW, DDOE	Increase in diversion rates.	Funding for focus groups, funding for materials.
7	1. DPW will convert a section of the <i>current</i> transfer station to a transfer station for compostable materials (including food waste) within 12 months; 2. the District will have a <i>new</i> organics transfer station within DC in 18 months.			1. DPW, 2. DPW and DC Office of Zoning	1. Within the year, compostable materials can be hauled to a current transfer station (Fort Totten?). 2. In 18 months, compostable materials ca be hauled to a transfer station that is 100% for compostable materials.	1. Figure out the permit parameters and clear a section of current transfer station for organics. 2. Figure out the permit parameters (goes hand in hand with above), find a site for setting a transfer station and build a transfer station.

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8	Within 12 months, the Mayor and DC Council will propose a region-wide beverage container deposit legislation to the Chesapeake Executive Council.	Built Environment, Green Economy, Water		Mayor, Chesapeake Bay state governors, EPA Administrator	In 12 months, a region-wide bottle bill will be proposed and in 2013, campaign team is formed to work on the legislation.	Get stakeholder and community group involvement, MD and DC need to collaborate (VA probably won't). Do an audit on recycling rates in MD, DC to see the baseline for Bottle Bill efficacy. Study different bottle bills models to ensure DC/MD has a system that works and succeeds in the region. Collect data on public opinion and impacts of beverage containers.
9	The District government will establish the framework for C&D recycling and certification by 2015. The DC Council will pass legislation requiring a minimum C&D recycling rate of 75% for all LEED certified buildings in DC. Only an ISO certified facility can issue recycling documentation. By 2014, Mayor Gray shall introduce legislation requiring all new construction and major renovation projects to recycling and/or reuse 75% (?) of C&D debris. Contractors/owners (?) must provide documentation prior to obtaining certificate of occupancy. The legislation must include a mandatory salvage period before demolition such that licensed salvagers have the opportunity to salvage items. There will need to be a mechanism to track what salvagers collect in order to demonstrate the C&D recycling/re-use rate.	Built Environment	Include C&D REUSERS in addition to RECYCLERS	DCRA, DPW, Mayor / Council, private salvage companies, community forklift, habitat for humanity, junk in the trunk, Brass Knob, DCBIDA, Washington BIDG congress(?)	C&D rubbish, recycling, and re-use rates are not currently tracked. Tracking must be implemented ASAP in order to set a baseline. Indicators of success will be decreased C&D rubbish generation rates and increased C&D recycling and re-use rates.	introduce legislation, develop implementation plan. Funding will probably be via a permit fee or deposit. Ideas include 1 - Consider charging a refundable deposit as part of the building permit. When proper documentation of C&D recycling rate is provided, the C of O is issued and the deposit is returned. 2 - Consider making the refund on a sliding scale: 75% recycle/re-use = refund of 75% of the deposit (so a 25% fee), 80% recycle/re-use = refund of 80% of the deposit (a 20% fee), 90% recycle/re-use = refund of 90% of the deposit (a 10% fee).

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10	By 2018, the District government shall create financial incentives to encourage organics recycling; design tax incentives/economic incentives to promote recycling and reuse, including organics and waste oil.			DPW, OCFO. For waste oil: DDOT, DCRA, BIDs, DPW, DDOE, WASA (oils and fats are a problem for them), DOH (currently regulates restaurant oil and fat) DC Biofuels, Keystone, Greenworks, Greenlight, Envirelation, other Sm. Businesses, private biodiesel production company, restaurants, A panel of residents using WVO and biodiesel for cars and home boilers, A panel of small businesses using WVO and biodiesel for	By the 20115, need a compost facility, residents have compost toters, 2015-20% of residents participating; 2018-40% of residents participating; 2022-75% of residents participating. # of registered alternative fuel users/manufacturers, % of collected grease that remains in DC for reuse	Policy to have recycling and composting covered by tax and trash hauling service needs to be paid out of pocket. Study incentives and pricing based on container sizes and collection rates (times/week that truck comes around), for pilot. Retrofit trucks/contract private collectors. Set up a grease exchange to help residents who need used cooking oil (for fuel or home heating) to collect it from businesses, and to help residents who need to discard used cooking oil find a place to dispose of it properly. Funding: 'Recovered road taxes' ( one of the problems that people have with biodiesel and grease use is that DIYers aren't paying road taxes when they purchase fuel, although they still use roads. California charges a tax per gallon of fuel you used, this is calculated on an honor system) . Saved fuel costs?
11	The District will enact a 10 cent fee on the retail sale of disposable plastic containers and a 50 cent fee on retail packing materials sold. Funds to Anacostia Restoration and Recovery Fund. DDOE to enforce the fee. Ban both by 2020.		Who foots the 10 cent fee, the business or the customer? Both are unfair to the users. How to enforce this? What if packing material is from outside DC and is being reused by someone in DC?	DPW, OCFO, DDOE	Start the fee in 2014, ban on polystyrene containers in 2020, ban on retail packing materials by 2020	policy, need to research and strategize the best plan after comparison to other cities, collect data on the impacts of polystyrene containers, including litter, health and others.

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13	The DC Council shall create a special committtee to develop a regulatory framework which allows on-site composting (up to x amount with proper stormwater, aerate, and leachate controls) at private and public facilities by 2013.			DPW, DDOE, EPA, composters,	Committee created and regulation created.	Come up with what ("X") amount constitutes as on-site composting.
14	MPD shall 1) expand its fourth district litter enforcement pilot to the entire city, 2) participate in litter enforcement month (April) annually, 3) establish tracking and reporting mechanism for citations, 4) re-establish the environmental crimes unit by 2013, and 5) the District shall establish an environmental crimes court by 2015. Current business recycling regulations must be enforced.	Green Economy		DPW, MPD, DDOE, District of Columbia Courts, Alice Fergusson foundation, River Keepers, WASA	track the amount of trash removed from rivers and streams (the band-a-longs and also clean up events) and track the amount of trash removed from streets by street sweepers. The amounts should decrease over time. Track litter citations issued. Less litter and less illegal dumping should result in less vermin and an improvement in stream water quality and the overall livability of the city.	Current business recycling regulations must be enforced. Establish the new court. Re-establish environmental crimes unit (or similar). Develop method to catch illegal dumpers in the act (sting operation?). fines could provide some of the funds for the program
15	The District shall form a taskforce to explore waste-to-energy and waste conversion technology options outside of incineration / mass burn for the District by 2013. The task force must take into consideration decreased C&D waste levels (i.e. less wood will be available ) driven by another line item.	Energy		public utilities, DMPED, DDOE- AQD, DDOE-Energy office, DDOE-HW program, DPW, private waste management companies, Sustainable Energy Utility	blank	Form task force. Funding: placing a waste to energy unit at Ft Totten would allow the energy to be provided to METRO due to proximity. The energy would offset the District's financial contribution to METRO's operating expenses.

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16	By 2014, DPW will incentivize composting and recycling by residents receiving city-provided collection services. Options to investigate include decreasing the size of trash cans, charging a fee to acquire a larger trash can, providing larger recycling cans (for free), providing additional recycling cans (for free), and implementing a pay-as-you-throw plan for rubbish or true-waste.			DPW, private haulers (i.e. DPW could subcontract composting to a private hauler?)	Quantities of recycling and 'rubbish' collected by the city are currently tracked, decreased rubbish generation will be evident over time	Composting needs to be facilitated (addressed under another line item). Community education in recycling and composting will be required, consider using the summer student program to provide small group training sessions at the community, neighborhood, ANC, or street level. Funding: Pay as you throw will offset some expenses. Decreased rubbish quantities will result in decreased tipping fees at landfills. Composting should be less expensive than rubbish collection and land filling. Consider allowing advertising on cans to fund this initiative.

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18	By 2015, a public-private partnership will be established to create a center for reuse-oriented business incubation and community reuse activities and community reuse drop off centers.			DGS (controls much of DC owned buildings and land), private salvage companies, up-cyclers, community forklift, habitat for humanity, junk in the trunk, Brass Knob, DCBIDA, Washington BIDG congress(?), DC Freecycle, re-use network, craigslist	decreased rubbish generation rates	Identify locations for swapping, set limitations on items allowed (no fire arms, prescription medications, etc) and set time limits for storage to avoid creating a dump. For example: residents get first choice for X amount of time, non profits get second choice for x amount of time, salvage and second hand shops get third choice. After a fixed amount of time, unclaimed items will be recycled or discarded. Funding: Donations? Charge businesses a fee for the items they want (\$1 per lbs or \$1 per item?)

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19	By 2015, 75% of DC residents will be within walking access to a <u>mobile</u> HHW and Special Collections (reusable home goods, recycling, electronics, medical, composting) Recycling Facility that will make scheduled, advertised trips to each ward throughout the year and service each ward at least twice a year. This will ease the tension of communities that do not have access to recycling.			DPW, DDOE, DCPS, private composting providers, community gardens (compost), private salvage companies, non profits (goodwill etc), private re-use companies, up-cyclers, community forklift, habitat for humanity, junk in the trunk, Brass Knob, DCBIDA, Washington BIDG congress(?), DC Freecycle, re-use network, craigslist. Because of the special collection, this mobile facility will need to be manned by a uniformed officer, so the DC MPD, DC DPW, DDOE should work together to establish this	decreased rubbish generation rates; participation, access provided, number of advertisements through terrestrial and online media as well as community groups utilized to get the word out.	Identify locations for collection points, set limitations on items allowed (no fire arms, prescription medications, etc) . Identify mechanism to transfer items to their next location (compost site, re-use site etc). Educate the public about composting. Funding: rubbish management costs will decrease resulting in funds being available to pay for composting, E-waste management, and HHW management.
22	By 2013, Mayor Gray shall issue an order requiring the Office of Contracting and Procurement to establish an expanded list of environmentally preferable products (including electronics and disposable recyclable or compostable products/diningware) that District government should purchase and establish a tracking system for procurement in order to track purchases				% agencies using tracking system, % purchases tagged as environmentally preferential, and number and % of agency purchasing officers briefed on environmental purchasing requirements.	

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24	Every five years, the District will conduct a waste composition and generation study to measure progress towards reducing the waste generated in the District					
27	By 2013, DPW, DGS, and DDOE will integrate and launch a multi-media anti-littering awareness campaign based in local imagery and diversity, including pet waste, cigarette butts, and tires. The campaign shall utilize the visuals and inter-jurisdictional impact of the Regional Litter Prevention Campaign and the outreach tactics of Not In OUR DC!.	Nature, Water, Transportation, Built Environment	"Not In Our DC" - make this a full ad campaign. Connect wth Keep America Beautiful. Enforce residential and business waste codes. Ties in with #14.			
29	The District government shall engage in the national discussion on Extended Producer Responsibility, including product stewardship and producer takeback of difficult to recycle items and smart packaging. Investigate option of a national program or partnering with neighboring states.		I support the overarching goal to achieve a reduction in waste generation of 25% from 2012 by 2030.		% of population impacted, diversity of modes of outreach, number and diversity of community groups utilized to get the word out, number of school presentations given on litter prevention and awareness.	
30	Businesses should use/provide products with simple and responsible reuse and takeback options					

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31	By 2016, DCRA will work with DPW and DOH to develop a permitting scheme whereby contiguous businesses can share a single disposal/recycling/composting container that may be in public space. There shall be a process to review and approve innovative business resource management plans. Example: allow 3 neighboring businesses to share one rubbish bin, one recycling bin, and one compost bin	Transportation, Built Environment, Food		DOH, DCRA, DPW, small businesses, apartment complexes		modify any policies that mandate or imply that each business must contract for non-shared recycling and rubbish collection bins. Develop an innovation support and review program and / or a small business technical assistance program.
32	Grassroots support, community for small-scale backyard composting, community gardens					
33	Businesses should serve as drop-off locations for recoverable or hazardous materials (especially own/related products)					
34	Collaborate with federal agencies on their sustainability initiatives	All				
35	Promotion of salvage and reuse ('specialty salvage')					
36	Businesses should have access to cost-effective options for responsible/efficient waste management					
37	Government should incentivize businesses to provide recovery services					
38	Establish a pull fee for trash for institutions (similar to Bag Fund) to support recycling infrastructure					
39	Create a resourcshed for waste management options [the term "resourcshed" has to do with promoting local solutions to the waste that's generated in the region (avoiding too much export of our waste); a 'resourcshed' was coined to be similar to a 'watershed']					
40	By 2015, every visitor to DC leaves having been exposed to at least one thing they can do to decrease their impact on the environment in their home community		i.e. cooking oil converted into biodiesel.			
42	Create level playing field for all types of waste disposal (composting / organics)					
43	Wet/dry cans; wet/dry stations in neighborhoods, house collections					
44	Government should act as central information manager/disseminator for recovery resources					
45	Minimize polystyrene in DC; ban polystyrene for non-scientific uses					

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46	Businesses should provide incentives for people to use their own mugs/containers	Water				
47	Waste not (don't use the word 'waste'); rebrand the term waste as a resource not a discard					
48	Government's role -> remove barriers					
49	Let market forces (private sector) create cost incentives					
50	Investigate federal partnerships					
51	Educate restaurants to use less space for material collection					
52	Material recovery facility for dry waste in DC					
53	Developing and utilizing bio-reacting landfill technology in regional area					
54	Need to streamline the waste process					
55	Tax incentives/economic incentives for recycling					
56	Avoid burning trash					
57	Measurable results					
58	Real costs					
59	Recycle compost or landfill					
60	Offer deposits on bottles					
61	Residential composting apartments, multi-family housing units					
62	Make composting easier					
63	Efficient measuring and tracking in C&D; need better accounting of C&D recycling rates (overinflated)					
64	Composting facility that is advanced and accessible for organics					
65	Use chain stores as drop-off locations					
66	Everyone can access recovery/drop-off points easily					
67	Input control					
68	Require the sale of bottles that are compostable; work in concert with other cities to implement this					
69	Add a requirement in the building code that buildings have ionized water					
70	Bring parties doing this reuse work separately together to share resources					
71	Promotion of awareness of reuse options					
72	Access [to reuse]					
73	Application [to reuse]					
74	Cradle-to-cradle					
75	Procurement policies for the District					
76	Product stewardship law – Oregon (Maybe Vermont? Maine?)					
77	Incentivize product responsibility					
78	Empowering individuals as well as businesses to reuse rather than recycle (immediately)					
79	Encourage service/repair options					



