

## Community Action

### Green Team

**Participate in SMC Green Team Training** 5

- Participate in green team training sponsored by Sustainable Maryland Certified

**Create a Green Team** 10 M

**Create a Green Team Action Plan** 10 M

**Conduct Community Barriers and Benefits Assessment** 15

**Build SMC Resource Center** 5

**Participation in MD Green Schools** 10

**Innovative Demonstration Projects** 5 to 20

- Prepare an annual report of progress that shows the value proposition for greening activities and distribute to Mayor and Council.
- Work to ensure that all city buildings become LEED-certified and/or certified as LEED Commercial Interiors.
- Post and maintain Mount Rainier's Plan for Going Green (this checklist) on our website, and other external and internal media.
- Pursue the idea of obtaining Leadership in Energy and Environmental Design (LEED) for Neighborhood Development certification for the city.
- Promote LEED certification in the private sector.
- Create a green self-certification program for homeowners (similar to Wilmington, DE -- [www.wilmingtonde.gov/residents/greencertification](http://www.wilmingtonde.gov/residents/greencertification))
- Create a community green education strategy using:
  - o Kiosks
  - o Green home certification signs
  - o Green awareness events (links between healthy community and healthy environment)

## Community Based Food System

### Local Food Consumption

**Local Food Fair** 10

**Local Food Consumption & Preservation Classes** 5 per class

- Better Block Project food preparation and preservation class

**Establish Local Farmer's Market** 15

- Establish local farmer's market

**Promote Local Farmer's Market** 5

- Support healthy local foods at the Glut Food Co-op and at the farmer's market.

**Local Food Production**

**Community Gardens** 15\*

- Designate areas for community gardens, and encourage residents to have small gardens in their yards.

**Spring Transplant Sales** 10

**Fall Transplant Sales** 10

**Establish CSA Drop-Off Location** 10

**Innovative Demonstration Projects** 5 to 20

- City should implement a composting program if not cost-prohibitive, and look for a local source to process compost (i.e. Eco City Farms).

## Energy

**Municipal Energy Audits** 10 1<sup>st</sup> bldg, 5 consec bldgs.\*

- Conduct an energy audit of our city facilities and assess and implement simple measures to reduce energy consumption.
- Institute and/or maintain a written HVAC maintenance program to:
  - inspect permanent filters every three months and clean permanent filters with mild detergents when necessary (change replaceable filters every three months);
  - check the entire system for coolant and air leaks, clogs, and obstructions of air intake and vents;
  - keep the condenser coils free of dust and lint;
  - keep the evaporator coils free of excessive frost.
- Implement weatherization measures (i.e. weather stripping, caulking, sealing unused space, not heating/cooling unused space).
- If appropriate, apply window film to reduce solar heat gain.
- Maintain (and adhere to) a written policy to turn off office lights when leaving for more than 15 minutes and post reminders until motion lights are installed.
- Replace incandescent bulbs with compact fluorescent or LED lights. Avoid halogen lamps. Replace standard fluorescent tube lights with low- or no-mercury fluorescent lights that are higher efficiency (shift from T-11 to T-8 or T-5 if available, and from magnetic ballasts to electronic ballasts). Clean fixtures and diffusers.
- Arrange your workspaces to take advantage of areas with natural sunlight, and design for increased natural lighting when remodeling (workspace within 30' of natural light). Increase natural lighting through installing sidelights or lowering cubicle and non-structural walls that block lighting to interior workstations.

- Use "task" lighting with energy efficient bulbs where extra light is needed, rather than over-lighting an entire area with ambient light.
- Set all office equipment to go to standby mode when not in use (e.g. energy saver buttons on copiers). Turn off equipment when not in use for long periods of time (end of workday).
- Install control systems on energy and lighting equipment, including programmable thermostats and others. City should set HVAC equipment at Energy Star recommended temperatures—67 degrees in winter and 72 degrees in summer.
- Create list of required certifications for contractors.

**Residential Energy Efficiency**

5 to 20+

- Educate community about energy efficiency loans and grants from the federal, state and county level. Consider creating a revolving loan or grant fund for energy retrofits.

**Wind Energy Project**

10

- Purchase green power if cost-competitive.

**Innovative Demonstration Projects**

5 to 20

- City should work to replace all existing street lights with LEDs when the existing lights fail.
- Full solar array on city hall
- Support of corn heating cooperative

## Greenhouse Gas

**Municipal Carbon Footprint** (pre-requisite)

15\*

- Assess and track Mount Rainier’s estimated baseline carbon footprint. Develop a climate action and adaptation plan.
- Offer secure areas for bicycle storage for both employees and residents.
- Offer lockers and showers where possible for employees who walk, jog or bicycle to work.
- Have written policy to use hybrid cars during business travel when it is necessary to rent a car.
- Use teleconferencing to cut down on the amount of business travel.
- Carefully plan delivery routes and errands to eliminate unnecessary trips.
- Purchase hybrid or other alternative fuel vehicles in City’s fleet.
- Create a policy against idling of all city-owned vehicles.
- City staff should use “green cab” options whenever possible locally and when at conferences (Sun Cab is one local option).
- City should work towards using biodiesel in all fleet vehicles whenever possible.
- Tree planting organized by tree commission

**Community Carbon Footprint** (pre-requisite)

15

- Promote the purchase of green power through public events and information sharing on our website, newsletter, cable station and other avenues.
- Create a one-pager on energy efficiency and renewable energy resources available to local residents.
- Pursue community solar opportunities similar to efforts in University Park and Greenbelt.
- Consider endorsing solar group procurement opportunities.
- Encourage commuter alternatives by informing employees, residents and others who visit the city about various transportation options (post bicycle route maps, transit schedules, commuter ride sign-ups, etc. in a visible area for employees).
- Community should work to amend Gateway Arts District sector plan to allow grease biodiesel coops to locate in the district.

- City should promote streetcar plan to extend District streetcar proposal for Rhode Island Avenue through Mount Rainier.
- City should work with WMATA to get buses to run to Farragut North.
- City should create permit parking for residents who want to commute via public transportation on Rhode Island Avenue.
- Support bike cooperative

## Climate Planning

**Climate Action Plan** 10 to 25+

- Revise 1999 Climate Action Plan

**Climate Change Adaptation Element** 5

**Innovative Demonstration Projects** 5 to 20

## Health and Wellness

**Let's Move** 15

### Workplace Wellness

**Join Healthiest Maryland Businesses** 5

**Workplace Wellness Program** 5 to 15

**Living Well Program** 5 per class

**Innovative Demonstration Projects** 5 to 20

- In order to improve indoor air quality, ban smoking from interior spaces and designate exterior smoking areas at least 25 feet from building entries, outdoor air intakes and operable windows, with cigarette butt disposal units.
- City should consider banning fuel leaf blowers in order to protect children from asthma and to reduce pollution.
- City should work to minimize noise pollution where possible.
- Support for Joe's Movement Emporium

## Local Economies

### Buy Local

**Establish Local Business Directory** 10

- Establish local business directory

**Promote Local Business Directory** 5

- Promote local business directory

<b>Buy Local Campaign</b>	15
<input type="checkbox"/> Create and support a buy-local campaign to keep more dollars in the community. Support Anacostia Hours as one element of the buy local campaign.	
<b>Local Business Roundtable</b>	5 per rndtble
<b>Local Business Procurement Notices</b>	10
<b>Economic Analysis of Procurement Practices</b>	15
<b>Local Purchasing Preference Policy</b>	10
<input type="checkbox"/> Use local businesses for products and services whenever possible, including catering. City should have tiered priority for local contractors:	
<input type="checkbox"/> Tier 1 – Mount Rainier Businesses	
<input type="checkbox"/> Tier 2 – Gateway Arts District Businesses	
<input type="checkbox"/> Tier 3 – Prince George’s County Businesses	
<input type="checkbox"/> Tier 4 – Maryland Businesses	
<input type="checkbox"/> Serve locally-grown and/or organic food at workplace events when possible.	
<b>Green Business Recognition</b>	
<b>Join Maryland Green Registry</b>	5
<b>Promote Maryland Green Registry</b>	5 per 2 bus.
<b>Green Business Certification Program</b>	15
<b>Green Purchasing</b>	
<b>Green Purchasing Policy (pre-requisite)</b>	15*
<input type="checkbox"/> Create (and adhere to) a sustainable purchasing policy (Energy Star equipment and appliances; recycled content, biodegradable paper products; energy efficient, low-mercury lamps; plastic products; food products; building/renovation materials). Consider and favor products that are recyclable at the end of their useful life.	
<b>Evaluate Current Purchasing Practices (pre-requisite)</b>	10
<b>Vendor Preference Statement (pre-requisite)</b>	10
<input type="checkbox"/> Choose vendors who can articulate sustainable practices.	
<b>Purchase Recycled Products</b>	10
<input type="checkbox"/> Purchase copy, computer or fax paper, letterhead, envelopes and business cards with at least 35% post consumer recycled content. Give priority to 100% post-consumer recycled products.	
<input type="checkbox"/> Buy toilet paper, tissues and paper towels that have 100% post-consumer recycled content.	
<input type="checkbox"/> When purchasing garbage pails or garbage bags, find ones that use recycled plastic (e.g., high molecular weight – high density polyethylene (HDPE) trash liner bags instead of low density polyethylene (LDPE) or linear low density polyethylene (LLDPE).	
<b>Purchase Environmentally Preferable Products</b>	10

- City should look at group procurement of supplies and materials wherever possible (with MWCOG, other city governments, etc.)
- City should purchase only native plants and trees for landscaping whenever possible.
- Establish purchasing program to buy only Energy Star certified computers, LED monitors, HVAC equipment, and appliances.
- Implement a "just-in-time" purchasing policy (inventory reduction purchasing) and a "first-in/first-out" chemical usage policy (using older chemicals first) to use old material first.
- Replace aerosols with non-aerosol alternatives (such as pump sprays for fresheners and cleaners). Use only non-toxic fresheners and cleaners.
- Buy low or no volatile organic compounds (VOC) paints, coatings, adhesives, and sealants for renovation projects.
- When replacing furniture, phase in low- or no-VOC and low- or no-formaldehyde furniture.
- Use green cleaning techniques and products, including non-toxic, biodegradable cleaners, and properly dispose of expired materials.
- When renovating, use eco-friendly flooring, such as Carpet and Rug Institute (CRI) launched Green Label Plus and FSC-certified hardwood or reclaimed flooring. Use of other natural and renewable flooring materials such as natural linoleum and cork are also recommended. Bamboo flooring should be avoided for the most part due to unsustainable harvesting practices and the environmental costs of shipping from Asia.
- Institute a written policy regarding the rental of office equipment where appropriate. Businesses that lease equipment tend to use more durable items, salvage reusable parts, refurbish, recycle, or donate used equipment that can no longer be leased.
- Where possible, use non-toxic water-based markers rather than toxic permanent ink markers/pens.
- For shipping items, use shredded paper or corn starch pellets for packaging needs instead of purchasing styrofoam pellets, bubble wrap or other packaging materials; also reuse, in your own packaging, packaging materials received.
- When purchasing new printers, buy ones with duplex capability.

### **Implement Waste Reduction Program**

10

- Recycle food and beverage containers (all glass, #1 & #2 plastic and aluminum containers) and all paper products.
- Supply water through a fountain, cooler or tap; eliminate single-use bottled water.
- Eliminate disposables (plastic utensils, coffee stirrers, paper towels) by using permanent ware (mugs, dishes, utensils, towels/rags, coffee filters, etc.). Eliminate the purchase of all Styrofoam.
- Maintain (and adhere to) a written policy of green printing and paper practices including:
  - duplex printing, draft printing, and utilization of scrap paper, and encourage employees to read;
  - highlighting and commenting on documents on the computer screen whenever possible;
  - Writing to or calling senders requesting removal from mailing list to reduce junk mail.
  - Reusing envelopes as much as possible.
  - Purging city mailing lists to eliminate duplication.
  - Instituting a policy that switches to electronic forms, eliminate excess forms and make paper forms more efficient.
- Recycle toner cartridges, cell phones and dry cell batteries.
- Make it easy for employees to recycle by placing clearly marked collection bins in convenient locations. Post signs and/or train employees regarding recycling policies and procedures in the office.
- Donate or exchange unwanted but usable items (furniture, supplies, electronics, scrap materials, computer disks, etc.) to schools, churches, hospitals, libraries, non-profit organizations, museums, teacher resource organizations, etc.; or enroll in a waste exchange program.
- City should maintain it's commitment to community E-waste recycling.

- City should explore recycling options for business and apartment communities.
- Families with 1-3 people should receive 1 free recycling bin, with 4-6, 2 free bins, with 6-8, 3 free bins, and with 8+ 4 free bins.
- Encourage mulching of leaves and other yard waste by offering information about the collection of such materials and look into creating a mulching site within the City. If possible, make mulch available for residents to use in gardening and other beautification efforts.

**Innovative Demonstration Projects** 5 to 20

- Façade improvement program to support local businesses
- Better Block Project with façade improvements and streetscaping
- Support local artists through public art projects
- Street painting project for placemaking and support of local businesses

## Natural Resources

### Watershed Stewardship

**Implement Watershed Stewardship/Pollution Prevention Outreach Program** 10

- City should work to educate residents about water conservation and the damage that excess stormwater does to the Anacostia River, and should promote the installation of rainbarrels, raingardens, and other mitigation strategies on private property. City should look at the RiverSmart Homes program in the District and institute a similar program in Mount Rainier if funding for such can be found.
- Upshur Park native plant park and raingarden

**Facilitate Engagement in Existing Watershed Stewardship Opportunities** 5 per event

**Provide Volunteer Opps for Citizen Engagement in Watershed Stewardship** 10

- Create raingarden at Mount Rainier Nature Center

**Provide Incentives for Watershed Stewardship on Private Lands** 15

**Create a Watershed Plan** 20\*

- City should avoid the use of fertilizers and pesticides, including Round-Up, where practical.
- City should institute a ban on coal tar on both public and private property (as in the District).

### Stormwater Management

**Stormwater Management Program** 15\*

- Use pervious materials for paving, repaving and other work on streets where practical.
- City to pursue funding to create an overlay map of the entire city that would pinpoint possible locations for bioretention cells, and give cross-section views of construction details.

**Stormwater Manager/Coordinator** 15

**Stormwater Fee Structure** 20

### Septic Management

<b>Septic System Assessment and Inventory</b>	15
<b>Septic System Management Plan</b>	20
<b>Dedicated Septic System Fund</b>	20
<b>Water Conservation</b>	
<b>Develop a Water Conservation Plan</b>	15
<input type="checkbox"/> If you need to use water to clean concrete or asphalt surfaces, use "dry sweeping," water efficient "spray brooms," or low flow (<3 gpm – gallons per minute) spray nozzles with automatic shut-off rather than a garden hose.	
<input type="checkbox"/> Post signs in restrooms and kitchen areas encouraging water conservation.	
<input type="checkbox"/> Regularly check for and repair all leaks in all city facilities. Train staff to monitor and respond immediately to leaking equipment.	
<input type="checkbox"/> Review water bill monthly for indications of leaks, spikes or other problems.	
<input type="checkbox"/> City should install low-flow water fixtures throughout.	
<b>Develop a Water Conservation Outreach Program</b>	10
<b>Tree City USA</b>	15
<input type="checkbox"/> Tree City USA	
<b>Pet Waste</b>	
<b>Implement a Pet Waste Education Program</b>	5
<input type="checkbox"/> Create and implement a pet waste education program.	
<b>Develop a Pet Waste Program</b>	5
<b>Adopt a Pet Waste Ordinance</b>	5
<input type="checkbox"/> Pass a pet waste ordinance.	
<b>Innovative Demonstration Projects</b>	5 to 20
<input type="checkbox"/> City should support county- and state-wide legislation to limit the sales of plastic grocery bags.	
<input type="checkbox"/> City should work to minimize light pollution and only purchase street and other lights that are covered in order to cast light downward and not upwards to the night skies.	
<input type="checkbox"/> City should educate residents about and work to remove invasive plant and tree species where possible, and consider creating a revolving loan fund for invasive eradication on private property targeted at the most aggressive species, including English ivy, ailanthus trees, porcelain berry, and others.	
<input type="checkbox"/> Design of green street for Buchanan Street	
<input type="checkbox"/> Install pervious concrete on city parking lots	

## **Planning and Land Use**

<b>Participation in DHCD Sustainable Communities</b>	20
<input type="checkbox"/> Send in submission for DHCD Sustainable Communities	

<b>Housing and the Comprehensive Plan</b>	10
<b>Land Preservation</b>	
<b>Conduct Easement Outreach to Encourage Inspection, Evaluation and Stewardship</b>	15
<b>Build Easement Inventory</b>	10
<b>Innovative Demonstration Projects</b>	5 to 20
<input type="checkbox"/> Apply for grants to pursue LEED-Neighborhood Development	