



## Virginia Green Partner Profile:



# Norfolk Airport Authority Norfolk, Virginia

**Virginia Green** is the Commonwealth of Virginia's campaign to promote environmentally-friendly practices in all aspects of Virginia's tourism industry. **Virginia Green** has established "core activities" specific to each sector of tourism, and these practices are considered the required minimum for participation in the program. However, **Virginia Green** encourages its participants to reduce their environmental impacts in all aspects of their operations; and this profile provides a full list of all their "green" activities.

**Virginia Green Partners** are primarily committing to help support **Virginia Green** and encourage their customers to join or do business with Virginia Green-certified participants. Although not necessarily tourism facilities themselves, Partners are expected to practice green activities in their own facilities as well!



## Norfolk Airport Authority

Norfolk International Airport is a major commercial airport serving southeastern Virginia and provides convenient air access for the region's tourists and visitors.

**Green Statement:** We have followed sustainable environmental practices for decades as a "best business practice" to conserve resources, and preserve our beautiful garden atmosphere.

### **CORE ACTIVITIES for all *Virginia Green Partner Organizations***

**Support Virginia Green.** Partners must promote the Virginia Green Program to clients, members, and staff and encourage them to do business with Virginia Green participants. This partner organization pledges that they:

- Encourage clients who are in the tourism industry to join Virginia Green.
- Strive to design projects that minimize overall environmental impacts and incorporate the use of efficient systems and sustainable materials.
- Carry and promote environmentally-friendly products and provide services that minimize the use of harmful chemicals and materials.
- Have a travel / conference policy that encourages employees to stay in / do business with Virginia Green or similarly-minded facilities.
- Send out emails or mailers to their membership about Virginia Green.
- Made an official Virginia Green Endorsement of some kind through their Board or other Committee to support Virginia Green.
- Include a Virginia Green feature in their newsletter or other publication.
- Display the Virginia Green certificate prominently in their facility / offices and use the Virginia Green window decals.
- Use the Virginia Green logo on signage pointing out recycling or other "green" improvements in your facility.
- Highlight their involvement in Virginia Green on their website and include a link to their Virginia Green facility profile

**Green Meetings and Conferences.** When Virginia Green Partners hold meetings or conferences they must provide recycling and make an effort to reduce the use of Styrofoam and other disposables. This partner pledges that they:

- Have conferences at a Virginia Green Lodging facility, and let the facility know that they want a "green event!"
- Minimize copying and always make 2-sided copies
- Have eliminated the use of Styrofoam cups and plates; instead they use actual mugs
- Use silverware instead of plastic utensils
- Use non-bleached napkins or maintain a supply of cloth napkins
- Serve water in pitchers and glassware instead of bottles
- Avoid box lunches – trays/platters of food are much less wasteful

**Recycling and Waste Reduction.** Virginia Green Partners are highly encouraged to maintain a comprehensive recycling program if they have a facility. This partner pledges that they:

- Recycle: glass, aluminum cans, plastic, office paper, toner cartridges, newspaper, cardboard, packing supplies, fluorescent lamps, electronic equipment, waste oil, used antifreeze, scrap metal and compost
- Track overall waste bills
- Use bulk soap dispensers instead of individual soaps
- Use high efficiency hand-dryers in restrooms
- Purchase recycled-content paper towels and toilet paper
- Encourage suppliers to minimize packaging and other waste materials
- Purchase from vendors and service providers with a commitment to the environment

- Make 2-sided copies/ printed materials
- Use electronic correspondence and forms
- Purchase durable equipment and furniture
- Use latex paints
- Re-use paint thinners
- Properly recycle/dispose of thinners and solvents
- Perform preventative maintenance on all appliances, HVAC systems, plumbing, and vehicles
- Use less toxic materials
- Minimize the use of pesticides and herbicides
- Ongoing glycol recovery program to properly capture and dispose of aircraft deicing fluids

**Water Conservation.** Virginia Green partners are highly encouraged to have a plan for conserving water in their facility that should consider plumbing modifications and landscaping. This partner pledges that they:

- Track overall water usage and wastewater
- Perform preventative maintenance to stop drips and leaks
- Use water-flow metering to discover leaks and areas of high use
- Have:
  - high efficiency dishwashers
  - low flow restrictors on faucets and showerheads
  - low flow toilets
  - automatic faucets or toilets in public restrooms
- Discourage water-based cleanup (sweeping first)
- Have an effective landscape management plan which utilize drought tolerant species
- Use cisterns and/or dripline irrigation
- Actively work with VA DEQ and Norfolk Botanical Garden to monitor and control airfield runoff to mitigate encroachment on the city water supply

**Energy Efficiency.** Virginia Green partners are highly encouraged a plan in place that encourages replacement of lighting and equipment to energy-efficient alternatives in their facility. This partner pledges that they:

- Track overall energy bills
- Have had an energy audit to identify efficiency opportunities
- Have an “energy management system” in place to track and meter energy usage
- Use:
  - compact fluorescent light bulbs in all rooms and in canned lighting
  - LED Exit Signs
  - high efficiency fluorescent ballasts and lamps (T5s and T8s)
- Have high efficiency heating & air conditioning (HVAC) systems
- Perform preventative maintenance on HVAC system
- Have individual thermostats for each room/area
- Use natural lighting
- Use lighting sensors to turn on/off lights
- Have thermal-rated windows and insulation
- Use directional (downward-facing) lighting in parking areas and other outdoor areas
- Replacing several hundred quartz and incandescent obstruction and taxiway light fixtures with LED fixtures, realizing a wattage reduction of up to 80% with no loss of effectiveness
- Converting from T-12 fluorescent lights with magnetic ballasts to T-8 fluorescent fixtures with electronic ballasts in 2009-2010 with a 20% corresponding reduction in wattage
- Use heat exchangers to get “free cooling” during cooler seasons

- Constructed a \$3.5 million aircraft engine run-up enclosure to reduce noise pollution during aircraft maintenance, and have constructed blast walls and berms to reduce noise exposure around the airport
- Airport Police utilize a three-wheeled electric patrol vehicle powered by a lithium ion battery

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For more information on **Norfolk Airport Authority**, see [www.norfolkairport.com](http://www.norfolkairport.com) or contact **Charles Braden** at [info@norfolkairport.com](mailto:info@norfolkairport.com) or 757-857-3351.

For more information on **Virginia Green**, see <http://www.deq.state.va.us/p2/viriniagreen/homepage.html> or go to [www.viriniagreentravel.org](http://www.viriniagreentravel.org).



**Virginia Green** is the Commonwealth's campaign to encourage environmentally-friendly practices in all aspects of Virginia's tourism industry. *Virginia Green* is supported through a partnership between the Virginia Department of Environmental Quality, the Virginia Hospitality & Travel Association, and the Virginia Tourism Corporation.

