



Now you're going places.

Richmond International Airport

Green Statement:

"The airport has adopted cost-neutral or low-cost programs over the last 15 years to promote environmental sustainability and resource conservation. We are proud to support Green Tourism in the Richmond Region."

CORE ACTIVITIES for Transportation Facilities

☒ **Recycling.** Virginia Green facilities must have highly-visible locations/containers that provide the opportunity to recycle. This facility pledges that they:

- Offer the opportunity for customers to recycle: glass bottles, plastic bottles, aluminum cans, steel cans, newspaper, office paper, toner cartridges, cardboard, fluorescent lamps, batteries, electronic equipment.
- Provide recycling bins in vehicle clean-out areas.
- Provide recycling bins in traveler departure areas.



☒ **Reduce solid waste.** The facility must be actively working to reduce its solid waste generation. This facility pledges that they:

- Tracking overall solid waste costs.
- Numeric goal to reduce overall materials that go to the landfill.

Restaurants & Food Services

- Encouraging food service providers to participate in recycling initiatives and to consider becoming Virginia Green certified as well.
- Using disposable food service items that are made with recycled content.
- Using disposable food service items that are recyclable.
- Recycling fryer grease.

Restrooms

- Using bulk soap dispensers in public restrooms.
- Purchasing recycled-content paper-towels and toilet paper.

Buildings and grounds

- Composting grass and landscaping debris versus throwing it away.
- Using green cleaning products that are Green Seal-certified and dispensed in bulk.
- Using latex low or no-VOC paints.
- Properly recycling / disposing of thinners and solvents.
- Performing preventative maintenance on all appliances, HVAC systems, plumbing, and vehicles.



- Using integrated pest management (IPM).
- Minimizing use of pesticides and herbicides in landscaping.

Automotive Equipment Maintenance Shop

- Collection of used oils, antifreeze, and metals for recycling.
- Low-CFC spray systems for equipment cleaning.
- Energy-efficient lighting systems.

☒ **Use water efficiently.** The facility must have a plan in place and have taken steps toward reducing its water use. This facility pledges that they:

- Tracking overall water use and wastewater costs.
- Have established a numeric goal to reduce water consumption over time.

Activities indoors

- Performing preventative maintenance to stop drips and leaks.
- Using water-flow metering to discover leaks and areas of high use.
- Have installed: Sensors on all urinals, toilets, and sinks which trigger auto flush and contribute to water conservation.

Activities outdoors

- Have an effective landscape management plan which utilizes native species, metering and rain gauges, minimizes lawn areas.
- Have an effective stormwater management plan which includes: rain gardens, pervious pavement, minimizes impervious areas (paving, concrete, etc.).
- Use a nutrient management plan that minimizes the use of fertilizers.
- Maintains a 246-acre wetlands facility in nearby New Kent County to serve as compensatory mitigation for airport development projects.
- Storm Water Management Facility on Beulah Road reducing sediment runoff to the White Oak Swamp Creek, a tributary of the James River.
- Use of a glycol recovery sweeper to eliminate deicing fluid runoff during snow events.

☒ **Conserve energy.** The facility must have a plan in place and have taken steps toward reducing its energy use. This facility pledges that they:

- Tracking overall energy bills.
- Have established numeric goals to reduce energy usage over time.

Transportation-related energy use

- Compressed Natural Gas (CNG) EasyPark parking shuttles have been in use at RIC since 2013. The shuttles, along with additional CNG maintenance vehicles recently added, have been estimated to eliminate more than 20 tons of tailpipe emissions each year and effectively reduce ambient noise in the vicinity of the terminal.
- The airport is adding additional EasyPark CNG shuttles to replace aging diesel shuttles and will be 100 percent CNG-powered for parking operations in 2016.
- Construction of the first CNG fueling station at RIC.
- Replaced light-duty maintenance vehicles with electric carts for use in airport grounds and landscaping applications.
- Conveyor systems for baggage handling have been retrofitted with energy-efficient motors, resulting in energy savings of 10-15 percent per year.



Heating and cooling

- Have installed a facility-wide overall energy management system.
- Have installed ENERGY STAR-rated windows and doors.
- Regularly perform preventative maintenance on HVAC systems.
- Have installed high-efficiency HVAC systems.
- Use of automated night-time set-backs in office and public areas.
- Installation energy-efficient white TPO roofing to reflect heat and cools roofs.

Lighting

- Use natural lighting.
- Use lighting sensors to turn on/off lights.
- Have installed high efficiency fluorescent ballasts and lamps.
- Have installed LED Exit Signs.
- Have installed directional (downward-facing) lighting in parking areas and other outdoor areas.
- Have adopted a policy/practice to minimize the use of lighting during night cleaning.
- Replaced 232 older lighting fixtures with four-lamp T5 lighting fixtures resulting in the savings of more than 270,000 kilowatt hours per year, plus the added benefit of reducing landfill waste.
- Use of photocells for outdoor lighting.



Appliances and electronic devices

- Use ENERGY STAR qualified office equipment.



Promotion of Virginia Green. They must commit to educating their guests about the green activities that they have undertaken to minimize their impacts on the environment. This facility pledges that they:

Virginia Green signage

- Use the Virginia Green logo in Terminal and on signage welcoming visitors to Richmond.
- Use the Virginia Green logo on the airport's website.



For more information on Richmond International Airport, see www.flyrichmond.com or contact Troy Bell at tbell@flyrichmond.com or 804-226-3022.

Virginia Green is the Commonwealth of Virginia's campaign to promote environmentally-friendly practices in all aspects of Virginia's tourism industry. **Virginia Green Transportation Facilities** have been thoughtfully planned and designed to minimize their impacts on the environment. This Transportation Facility has met the established "core activities" for **Green Transportation Facilities** and has committed to communicate its activities to its guests.

For more information on **Virginia Green** program, see www.viriniagreentravel.org or <http://staging.deq.virginia.gov/Programs/PollutionPrevention/VirginiaGreen.aspx>.



Virginia Green is supported through a partnership between the Virginia Department of Environmental Quality, the Virginia Hospitality & Travel Association, and the Virginia Tourism Corporation.

