

**FAIRFAX COUNTY, VIRGINIA**  
**Environmental Improvement Program (EIP)**  
**Appendix 5: Summary of Global Climate Change Actions**  
**Fiscal Year 2011**

**Prepared October 2009**

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**NOTE: EACH EIP ACTION IN THIS SUMMARY IS ASSIGNED A UNIQUE IDENTIFICATION NUMBER, BEGINNING WITH A TWO-LETTER ABBREVIATION FOR THE THEME AREA UNDER WHICH THE ACTION IS LISTED (E.G., “GL” FOR “GROWTH AND LAND USE”). THE THEME DESIGNATION “GL” IS FOLLOWED BY A UNIQUE FISCAL YEAR IDENTIFICATION NUMBER BEGINNING WITH “xx” (for example, “07”) TO INDICATE THE EIP IN WHICH THE ACTION WAS FIRST INTRODUCED. THE FISCAL YEAR IDENTIFICATION NUMBER IS THEN FOLLOWED BY A UNIQUE ACTION NUMBER TO IDENTIFY THE ACTION IN THAT FISCAL YEAR. THIS NUMBER IS THEN FOLLOWED BY A LETTER DESIGNATION OF “A”, “B” OR “C” TO INDICATE WHETHER THE ACTION IS “COMPLETE”, “ONGOING” OR “NEW”, RESPECTIVELY.**

EIP Action ID	EIP Action Title
GL07-02(A)	PRM Zoning District
GL07-03(B)	Area Plan Amendments and Subsequent Rezoning Supporting Transit-Oriented Development and Provision of Housing in Employment Centers
GL07-04(B)	Planned Development District Zoning Ordinance Amendment
GL07-05(B)	Tysons Corner Transportation and Urban Design Study
GL07-06(B)	Pedestrian-Oriented Neighborhood Commerce: Plan Implementation
GL07-09(C)	Future Planned Development District Zoning Ordinance Amendment
GL08-01(B)	Review Zoning Ordinance Parking Requirements in Transit-Oriented Developments
GL08-03(B)	Plan Amendment to Strengthen Air Quality Guidance and to Incorporate Support for Green Building Concepts
GL08-04(A)	Define "Transit-Oriented Development" and Incorporate a Definition and Principles for its Application in the Comprehensive Plan
GL08-07(A)	Expanded Construction Site Monitoring for Tree Conservation
GL08-08(A)	Establish a Tree Fund
GL08-09(A)	Review and Improve Suggested Tree-Related Proffer Language
GL08-10(B)	Tree Preservation Legislation
GL08-11(B)	Urban Forestry Roundtable
GL08-12(C)	Consider Amending Article 13 of the Zoning Ordinance (Landscaping and Screening)
GL09-01(B)	Consideration of Green Building Incentives for Private Sector Development
GL09-04(C)	Consideration of No-Net Tree Canopy Loss Policy during the Development of County Facilities
AQ07-01(A)	EZ Bus Program
AQ07-02(B)	Employer Services Program
AQ07-03(B)	Ridesources Program
AQ07-04(B)	Transportation Benefits
AQ07-07(B)	Priority Bus Stop Improvement Program
AQ07-08(B)	Richmond Highway Public Transportation Initiative
AQ07-09(B)	Air Quality Outreach
AQ07-10(B)	Dulles Corridor Metrorail
AQ07-13(A)	Purchase of Wind Power

EIP Action ID	EIP Action Title
AQ07-14(B)	Participation on the Metropolitan Washington Air Quality Committee (MWAQC)
AQ07-15(B)	Evaluation and Purchase of Hybrid Drive Vehicles
AQ07-18(B)	Four Year Transportation Plan
AQ07-20(B)	Fairfax County Transit Program
AQ07-22(C)	Fuel Economy and Emissions Standards
AQ07-23(B)	Periodic Assessment of Alternative Fuel Vehicle Technology
AQ08-01(B)	Regional Urban Forestry SIP Working Group
AQ08-05(B)	Tree Planting at Governmental Buildings and Parking Facilities
AQ08-06(B)	Telework Initiatives
AQ09-01(B)	Transportation Funding Bill
AQ09-02(B)	Comprehensive Bicycle Initiative
AQ09-03(A)	Waiver of GVW Limit for Idle Reduction Equipment
AQ10-01(B)	Columbia Pike Rail Initiative
AQ10-02(B)	Reduce Fuel Consumption in Heavy Duty Vehicles
AQ10-03(C)	Continuing Purchase of Wind Power
AQ11-01(B)	Piezo Electric Generator Pilot Program
WQ07-04(B)	Riparian Buffer Restoration (To restore buffers initially at seven sites, with 40 sites targeted)
WQ08-05(B)	Benchmarking Watershed Tree Cover Levels
WQ08-08(B)	Outreach and Education Program
WQ08-09(B)	Establishing Tree Cover Goals for Watersheds
WQ10-01(C)	Riparian Buffer Maintenance
SW07-02(B)	Expand Recycling Programs
SW07-03(B)	Encourage Use of Recycled Products through Environmentally Preferable Purchasing (EPP)
SW07-04(B)	Increase County Use of Recycled Products
SW07-05(B)	Remote HHW Collection Events
SW08-01(B)	Maximize Energy Recovery from LFG Resources
SW08-02(B)	WWTP Effluent Reuse at Covanta E/RRF from Noman Cole WWTP
SW09-02(C)	Renewable Energy Demonstration Park
PT07-07(B)	Park Authority Trail System
PT08-01(B)	Park Natural Resource Management
PT08-04(B)	Developing Natural Landscaping Guidelines and Policies for County Properties
PT08-06(C)	Implementing Natural Landscaping Practices on County Properties

EIP Action ID	EIP Action Title
<b>PT09-02(B)</b>	<b>Park Authority Energy Manager Position (THIS ITEM IS NOW ES09-18(B) – SEE BELOW)</b>
PT09-03(B)	Synthetic Field Development Program
ES08-01(B)	Education and Outreach Programs and Activities
ES08-10(B)	Partnering with Non Profit Tree Planting Groups in Establishing a Countywide Tree Planting Program
ES09-05(A)	NACo/Energy Star Change a Light Program
ES09-06(B)	Joined Energy Star Challenge
<b>ES08-08(C)</b>	<b>This action has been incorporated into ES10-15(C)</b>
ES08-09 (C)	Promoting the Use of Natural Landscaping Practices by the Private Sector
ES08-11(C)	Promoting Stewardship of Urban Forest Resources
ES09-08(B)	30-Year Tree Canopy Goal
ES09-09(B)	Energy Management Program Through the Establishment of a Countywide Energy Coordinator Position
ES09-10(C)	Energy Outreach Program
ES09-11(A)	Energy Star Vending Machines
ES09-12(B)	Government Center HVAC Component Replacement
ES09-13(C)	Install EMCS in Remaining County Facilities
ES09-14(B)	Increase Energy Code Compliance for Mechanical Systems
ES09-15(C)	Government Center Energy Project
ES09-16(C)	Feasibility Study for Renewable Energy Technologies
ES09-17(C)	Perform Energy Audits for County Facilities
ES09-18(A)	Energy Manager, Park Authority ( <b>FORMERLY PT09-02(B)</b> )
ES10-03(A)	Implement Environmental Management System for Wastewater Management Program
ES10-08(C)	Park Authority RecCenters Lighting Improvements for Swimming Pools and Racquetball Courts
ES10-09(C)	Park Authority Athletic Fields Lighting Improvements
ES10-10(C)	Building Envelop assessment and Improvement for Park Authority Facilities
ES10-11(C)	Park Authority Facilities Small HVAC Systems
ES10-12(B)	“Earth Hour” Event Participation
ES10-14 (C)	Water Conservation Education and Device Distribution Program
ES10-15(C)	Environmental Stewardship Matching Grants for Watershed Protection & Energy Conservation
ES11-01(A)	Installation of a Solar Powered Water Mixer at Noman Cole Pollution Control Plant

ES11-02(A)	Installation of a Solar Water Heater at the Noman Cole Pollution Control Plant
ES11-03(A)	Installation of Solar Powered Meters by Wastewater Treatment Division
ES11-04(B)	Wastewater Treatment Division participation in the Energyconnect's Demand Response Program for the Summer 2009 Season
ES11-06(B)	Window Replacement at Noman Cole Pollution Control Plant
ES11-07(B)	Calculate and Validate the Wastewater Collections Division Carbon Footprint
ES11-09(C)	Wastewater Management Program IT Computer Server Virtualization
ES11-10(C)	Site Lighting Upgrades for Monomedia Filters at Noman Cole Pollution Control Plant
ES11-11(C)	Mercury Vapor Lighting Replacement at Noman Cole Pollution Control Plant
ES11-12(C)	Establish A Green Roof Onsite at Noman Cole Pollution Control Plant
ES11-13(C)	Installation of Lighting Control Systems at FCPA Athletic Fields