

FAIRFAX COUNTY, VIRGINIA
Environmental Improvement Program (EIP)
Appendix 5: Summary of Global Climate Change Actions
Fiscal Year 2009

Prepared September 2007

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 “07” TO INDICATE THE YEAR 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 Rezonings 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(B) | EZ Bus |
| AQ07-02(B) | Employer Services Program |
| AQ07-03(B) | Ridesources Program |
| AQ07-04(B) | Transportation Benefits |
| AQ07-06(B) | Transit Shelter Program |
| AQ07-07(B) | Priority Bus Stop Improvement and Plan |
| AQ07-08(B) | Richmond Highway Public Transportation Initiative |
| AQ07-09(B) | Air Quality Outreach |
| AQ07-10(B) | Dulles Corridor Metrorail |
| AQ07-13(B) | 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) | Purchase of Hybrid Drive Vehicles |
| AQ07-17(B) | Reduced Vehicle Idling |
| AQ07-18(B) | Four Year Transportation Plan |
| AQ07-19(A) | Fairfax Connector Emissions Reduction Program |
| AQ07-20(B) | Fairfax County Transit Program |
| AQ07-22(C) | Fuel Economy and Emissions Standards |
| AQ07-23(B) | Annual Assessment of Alternative Fuel Vehicle Technology |
| AQ08-01(B) | Regional Urban Forestry SIP Working Group |
| AQ08-05(C) | Increasing Tree Canopy at Governmental Parking Facilities |
| AQ08-06(B) | Telework Initiatives |
| AQ09-02(C) | Comprehensive Bicycle Initiative |
| 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 |
| 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 |
| SW08-03(B) | Standby Power from Covanta E/RRF to Griffith WTP and Noman Cole WWTP |
| 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 |
| PT08-07(C) | Planting Trees for Energy Conservation at County Facilities |
| PT09-02(B) | Park Authority Energy Manager Position |
| PT09-03(B) | Synthetic Field Development Program |

| EIP Action ID | EIP Action Title |
|---------------|--|
| ES09-01(A) | Government Center Lighting and Variable Frequency Drive Retrofit |
| ES09-02(A) | T-8 Lighting Retrofit of Remaining County Facilities |
| ES09-03(A) | Installed Energy Management Control Systems (EMCS) in Burkholder and John Marshall Library |
| ES09-04(A) | Reduced Energy Consumption by 13.2% kBtu/SF Between FY2001-FY2006 |
| ES08-10(B) | Partnering with Non Profit Tree Planting Groups in Establishing a Countywide Tree Planting Program |
| ES09-05(B) | NACo/Energy Star Change a Light Program |
| ES09-06(B) | Joined Energy Star Challenge |
| ES09-07(B) | Development of a Green Building Policy for County Capital Projects |
| ES08-08(C) | Conservation Landscaping for Schools and Residents |
| ES08-11(C) | Promoting Stewardship of Urban Forest Resources |
| ES09-08(C) | 30-Year Tree Canopy Goal |
| ES09-09(C) | Energy Management Program Through the Establishment of a Countywide Energy Coordinator Position |
| ES09-10(C) | Energy Outreach Program |
| ES09-11(C) | Energy Star Vending Machines |
| ES09-12(C) | Government Center HVAC Component Replacement |
| ES09-13(C) | Install EMCS in Remaining County Facilities |
| ES09-14(C) | 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 |