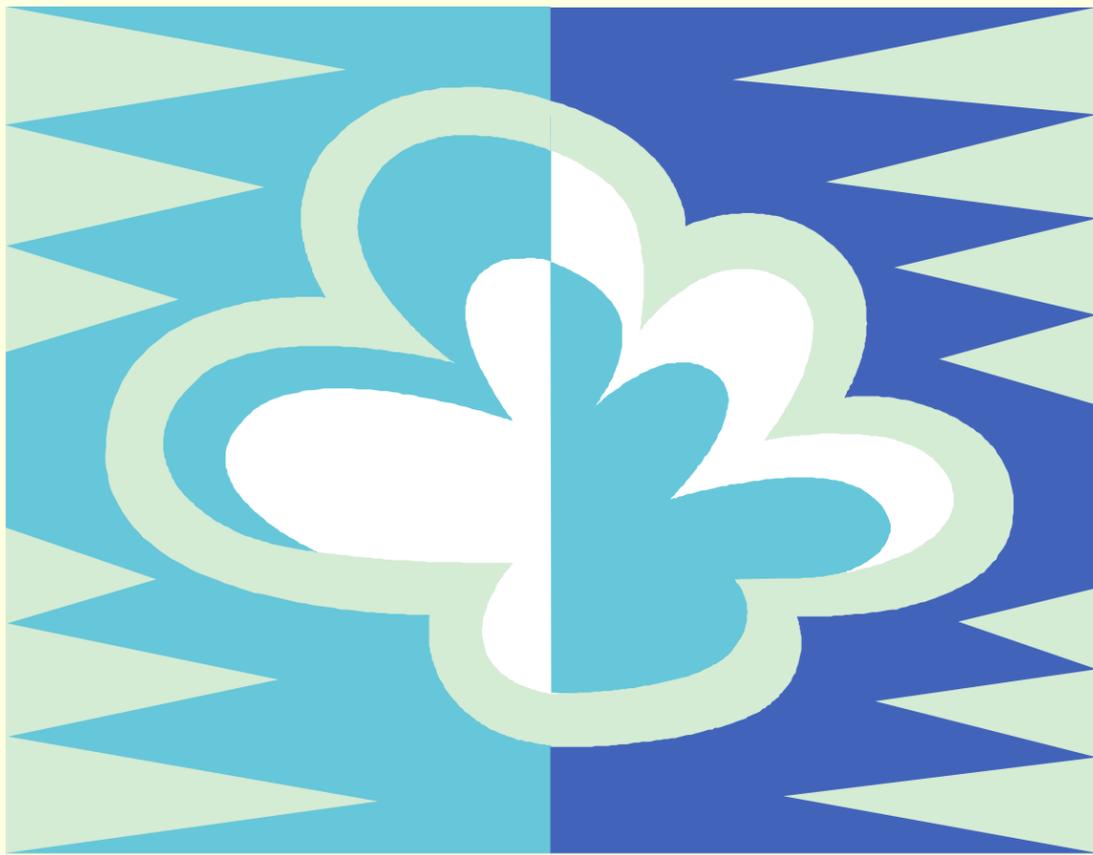


Clean Air Cafe



*Menu of
Initial Recommendations from
the Air Quality Subcommittee*

Menu

Starters

The Board of Supervisors has committed to these actions. The Air Quality Subcommittee is recommending additional actions for some of these measures.

- A1. Clean-fueled public transportation vehicles** \$1.5 million
Reduce emissions from the County's Fairfax Connector bus fleet by converting these vehicles to ultra-low sulfur diesel (ULSD) and adding particulate traps.
- A2. Retrofits of diesel school buses**..... \$ 2 million
The first phase of the retrofit program will treat 565 school buses with diesel oxidation catalysts (DOCs) and 436 school buses with DOCs and electronic control module reprogramming.
- A3. Fleet replacement with hybrids**. MARKET RATE
The County has committed to the purchase of 57 hybrid vehicles by 2005.
- A4. County Fuel Can Replacement Program** \$5,000
By using newer gas cans with features such as shut off valves, harmful gasoline fumes can be reduced by 75%.
- A5. Low or non VOC paint products; episodic ban on Code Red days**..... COMPLIMENTARY
Deferring the use of VOC-containing paints and coatings on Code Red days will reduce VOC emissions (an ozone precursor) and overall ground level ozone formation on Code Red days.
- A6. Petroleum-based pesticides** COMPLIMENTARY
Both the active and inert ingredients of many pesticides are reactive in the formation of ozone. Under this policy, County and contractor applications of petroleum-based pesticides will be deferred on Code Red days.
- A7. County mowing program; episodic ban** COMPLIMENTARY
County and contractor mowing and trimming operations will be deferred on Code Red days except on specialized turf areas at the golf courses and athletic field complexes.
- A8. Curtail refueling of gas-powered County vehicles on forecast Code Red days** COMPLIMENTARY
The County Executive has committed to a policy of no refueling of non-essential, gasoline-powered equipment/vehicles until dusk on Code Red days.
-  **A9. Telework on Code Red days** COMPLIMENTARY
The County Executive encourages teleworking on Code Red days allowing approved employees to telework even if they were not scheduled for that day.
-  **A10. Continue to support the County's Telework Program**..... COMPLIMENTARY
Teleworking is a cost-effective practice that promotes clean air and reduces traffic congestion. The County supports teleworking.
-  **A11. Participation as a Clean Air Partner** \$300
Fairfax County government has been a member of Clean Air (ENDZONE) Partners since 1998, and has been proactive in efforts to inform County employees and residents about air quality programs and ways to reduce air pollution.
- A12. Improve efficiency of I-66 Transfer Station scale operations** \$50,000
The construction of an additional scale at the I-66 Transfer Station reduces the idling time of trucks, thus reducing vehicle emissions.
- A13. Pedestrian Improvements in the Richmond Highway Corridor** \$8 million
Reduce emissions from single occupant automobiles by constructing additional pedestrian improvements, including trails, sidewalks, and enhanced crosswalks, in the Richmond Highway corridor.
- A14. Pedestrian Improvements countywide** MARKET RATE
Reduce emissions from single occupant automobiles by constructing additional pedestrian improvements, including trails, sidewalks, and enhanced crosswalks.

Chef's Specials

Additional measures recommended by the Air Quality Subcommittee for Board of Supervisors consideration.

- B1. Implement a ground level ozone awareness campaign for County Employees**MARKET RATE
Implement an internal awareness campaign about the dangers of ground level ozone and the benefits of taking action to minimize the county's and individual's contributions to the overall ground level ozone levels.
- B2. Create a section on the County Web site devoted to air quality** COMPLIMENTARY
Streamlining the Web content should help increase the ease with which people can retrieve the info they need .



HOT ITEMS - These items provide great benefits for a small investment.

COMPLIMENTARY - These items require additional staff and other resources, but will not require additional budget.

MARKET RATE - Price may vary based on services received.

🌀 Chef's Specials (continued) 🌀

B3. Use electronic media including e-newsletters and PSAs for outreach.....COMPLIMENTARY
Key messages on ground level ozone and air quality initiatives can be sent directly to the residents' inboxes through opt-in e-newsletters.

B4. Enlist community activists and volunteers to promote air quality issues..... MARKET RATE
Often the most effective way to convey a message is through a personal endorsement from a community leader.

B5. Make the Clean Air Partners general ozone brochure widely available\$3000
The brochure advises about what the specific color-coded levels mean in terms of activities to limit and impacts on our health, as well as outlining steps that people can take to reduce emissions of NOx and VOCs, thereby reducing ozone levels.

B6. Distribute to FCPS students a child-friendly brochure about ground level ozone up to \$8500
This brochure would allow us to get many of the key messages about this issue directly in the hands of one of the most affected audiences, children.

B7. Amend the Air Quality objective in the Policy Plan—Phase ICOMPLIMENTARY
Enhancements to the air quality objective and associated text can serve to provide a stronger Plan focus on air quality matters and to facilitate air quality-sensitive development.

B8. Amend the Air Quality objective in the Policy Plan—Phase IICOMPLIMENTARY
The recognition of the Air Quality Management Plan through explicit Policy Plan support would serve to strengthen institutional support for air quality.

B9. Amend Fairfax County Code Chapter 103COMPLIMENTARY
Amendments to Chapter 103 will eliminate confusing, obsolete textual references and shift the focus to air quality efforts and the regulations the County seeks to enforce that are more stringent than provisions of Federal and State law.

 **B10. Outreach program to County residents; mowing equipment and episodic mowing.....COMPLIMENTARY**
Encourage County residents to replace their two-cycle mowing equipment with four-cycle equipment or other lower emissions lawn equipment.

B11. County Replacement Program; two-cycle mowing equipment.....COMPLIMENTARY
All future purchases of string trimmers, back pack blowers and other mowing equipment utilized by County staff would be the new lower emitting types.

B12. Green procurement policy MARKET RATE
The Park Authority has implemented a 'green procurement' policy which can be used as a model for other agencies to follow. This policy provides guidelines on environmentally friendly purchasing for goods and services

 **B13. Outreach program for gas can replacement.....COMPLIMENTARY**
Develop an outreach program to educate County residents and private sector businesses on the environmental hazards of certain fuel containers and recommend that lower VOC emitting cans be purchased.

B14. Green building..... MARKET RATE
Incorporate 'green building' practices into County new construction and renovation wherever feasible.

B15. Expand Metrochek program to all County Employees \$420,000
Provide \$60 per month in transit support to all employees to reduce the use of single occupant autos and improve air quality.

B16. Provide additional transit service (off-peak and weekend service)..... \$415,000
Implement additional off-peak and weekend transit service within the County to provide alternatives to single occupant automobiles.

B17. Provide additional transit service (enhanced feeder service to Vienna Metro)..... \$375,000
Implement additional transit service from the I-66 corridor to the Vienna Metro resulting in 350 additional transit trips.

B18 Support rail to Dulles Airport..... MARKET RATE
Allocate appropriate County resources to assist in implementing rail service between the West Falls Church Metrorail station and Washington Dulles International Airport, through Tyson's Corner, Reston and Herndon.

B19. Pedestrian Improvements on Leesburg Pike \$2 million
Reduce emissions from single occupant automobiles by constructing additional pedestrian improvements, including trails, sidewalks and enhanced crosswalks on Leesburg Pike and in the Bailey's Crossroads and Seven Corners areas.

B20. Develop a comprehensive County-wide energy policyCOMPLIMENTARY
The subcommittee recommends that the County support and encourage energy conservation practices and that the County's energy conservation practices be continually reevaluated and expanded.

B21. Seek State Enabling Legislation that will minimize the loss of forest coverCOMPLIMENTARY
Existing forest ecosystems help to reduce smog by providing canopy to cool the ground and reduce the formation of groundlevel ozone.

~ Upcoming Specials ~

Measures being developed by staff for future BOS consideration

C1. Relief of personal property taxes for clean fuel motor vehicles TBD
The County could provide a special tax classification for clean fuel vehicles to offset higher costs.

C2. Incorporate air quality information into school science curriculum TBD
It is important to find a way to educate the children and their parents about the dangers to them on Code Orange and Code Red days so that they will be willing to work to reduce ground level ozone levels.

C3. Distribute Clean Air Partners information to businesses TBD
Send a packet of information to all businesses in Fairfax County to tell them about Clean Air Partners and actions they can take on Code Red days.

C4. Work with scout groups to incorporate ozone-related efforts into badge requirements..... TBD
This tie in to the scouts would provide key messages regarding air quality to one of the most affected audiences: children. In particular, children who are more likely to be civic minded and concerned with the environment would be reached.

C5. Put "Tomorrow is an Ozone Action Day" posters in key locations TBD
There is heavy foot traffic in County buildings, so this is a great way to get the word out to people on how to take episodic actions in response to Ozone Action Days.

C6. Prepare an education program for developers TBD
Prepare an education program for developers to illustrate ways that good environmental design pays off in marketability, and that there are already incentives for such designs.

C7. Pursue the purchase of Wind Energy..... TBD
A variety of mechanisms will be needed in order to improve air quality standards in the region and thus meet the EPA Air Quality standards, and that the purchase of Wind Energy may be a significant element in that mix.

C8. County taking control of commercial trash pick-up operations TBD
County control would serve to minimize redundant routes among competitors and allow the County to specify the use of cleaner burning equipment (trucks) used in County contracts.

C9. Continue to track the development of alternative fuels COMPLIMENTARY
The County should consider the use of new alternative fuel vehicles when cost, air quality benefit and logistical considerations indicate opportunity for worthwhile investment.

C10. Continue to explore fuel additives to reduce emissions COMPLIMENTARY
The County should consider the use of new fuel additives when cost, air quality benefit and logistical considerations indicate opportunity for worthwhile investment.

C11. Provide additional transit service (such as cross county service)..... MARKET RATE
The County should explore the feasibility of funding additional transit service as recommended in the WMATA Regional Bus Study.

C12. Provide free bus rides on Code Orange days MARKET RATE
This proposed action would make all Fairfax Connector buses free on predicted Code Orange days, in addition to predicted Code Red days.

~ Desserts ~

Results from Fairfax County's Air Quality efforts

Leadership in the region on air quality improvement efforts

Citizens and employees with an understanding of air quality issues and a stewardship ethic practiced in their day-to-day activities

Metropolitan Washington Council of Governments Certificate of Recognition

'Presented to Fairfax County, for your outstanding efforts and commitment to developing clean fuel transportation technologies', at the Energy and Air Quality Conference: Local Governments and Businesses Leading By Example, April 5, 2004.

Honorable Mention, Outstanding Ozone Action Days Program — Clean Air Partners, November 4, 2003

The county was recognized for its efforts in establishing voluntary actions to reduce ground level ozone through an Ozone Action Days plan, its efforts to encourage and facilitate public awareness of air quality issues, and its efforts to encourage employees to take personal voluntary actions.

Cleaner air for current and future generations