

Valley AIRNow-Air Quality Outreach

for the Northern Shenandoah Valley Air Quality Improvement Task Force

Air Quality Improvement Task Force Meeting
November 1, 2006



Today's Agenda

- Outreach Output
- Task Force Input
- Events: Upcoming
- General Comments/Input



Outreach Output

- AIRCorps recruitment
 - Access Independence
 - COTEFSCO Corporation
- Information dissemination
 - 2006 Virginia Environmental Education Conference
 - Opportunity Winchester Street Festival
 - JMU Open House (air quality exhibit)
 - 3rd Annual Green Circle Fall Fitness Fair bookmarks
 - National AFV Day Odyssey
 - Video on Website



Outreach Output, cont...

- Meetings with Superintendent of FCPS
 - Protocol for classroom presentations
 - Evaluated possibility of Driver's Education curriculum
 - Installation of Idle Reduction signs
 - School Bus Biodiesel Program
 - Possible addition of air quality policy to current *Crisis Management Plan*

Recommendations for Schools and Others on Poor Air Quality Days*

Air Quality Index (AQI) Chart for Ozone (8-hr standard)

| ACTIVITY | 0 to 50 GOOD | 51 to 100 MODERATE | 101 to 150 UNHEALTHY FOR SENSITIVE GROUPS | 151 to 200 UNHEALTHY | 201 to 300 VERY UNHEALTHY |
|--|-----------------|--|---|---|--|
| Recess (15 min) | No Restrictions | No Restrictions | Make indoor space available for children with asthma or other respiratory problems. | Children with asthma or other respiratory problems should be allowed to play indoors. Children complaining of breathing difficulties should play indoors. | Restrict outdoor activities to light to moderate exercise. |
| P.E. (1 hr) | No Restrictions | No Restrictions | Make indoor space available for children with asthma or other respiratory problems. | Children with asthma or other respiratory problems should be allowed to play indoors. Children complaining of breathing difficulties should play indoors. | Restrict outdoor activities to light to moderate exercise not to exceed one hour. |
| Athletic Practice and Training (2 to 4 hrs) | No Restrictions | Exceptionally sensitive individuals should limit intense activities. | Individuals with asthma should be medically managing their asthma. | Activities over 2 hours should decrease intensity and duration. Add rest breaks or substitutions to lower breathing rates. | Sustained rigorous (outdoor) exercise for more than one hour must be discontinued.** |
| Scheduled Sporting Events | No Restrictions | No Restrictions | No Restrictions | Increase rest periods and substitutions to lower breathing rates. | Consideration should be given to canceling event. |



Task Force Input

■ I-81 Clean Corridor Group

- Collaborative group led by SHENAIR to coordinate programs that promote green and sustainable practices along the I-81 corridor.
- Transportation will be the first focus area due to the large foundation already in place for ridesharing, alternative fuel use, idle reduction, and K-12 education
- Strategies:
 - Idle Reduction (requirements, APUs, truck stop electrification)
 - Truck Engine Retrofit
 - Alternative fuels (ethanol, biodiesel blends)
 - SmartWay participation



Task Force Input

- Other intended members include:
 - VDOT, DEQ, NSVRC, Roanoke Allegheny Regional Commission, VMI, Washington & Lee, Hollins, American Lung Association, Sierra Club, City representatives, **others?**
- Idle Reduction materials for review
 - Brochure
 - Poster
 - Bookmark



Task Force Input

- December EAC Progress Report
 - Need updates on existing projects:
 - VDOT I-81 traffic camera installation
 - NSVRC Rideshare program
 - MPO Bike and Pedestrian Mobility Study
 - MPO 2030 Transportation Program
 - VDOT Bike and Pedestrian Safety Grant
 - Green Space Preservation
 - Mixed Use Development
 - Promotion of Telecommuting
 - Any new projects or programs?



Events: Upcoming

- Next Task Force meeting
 - Move to 2nd Wednesday in January (1/10)...
 - Or...meet February 7
- Commute Smart Virginia meeting: November 2
- December EAC Progress Report: December 31
- 87th AMS Annual Meeting: January 14 – 18, 2007
- VCE Annual Conference: January 16 – 18, 2007
- National Air Quality Conference: February 11 – 14, 2007

General Comments/Input

