

**METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS  
777 North Capitol Street, N.E.  
Washington, D.C. 20002-4290**

**PROPOSED RESOLUTION TO APPROVE NONROAD DIESEL ENGINE RETROFIT PROJECT  
IN WASHINGTON REGION**

**WHEREAS**, the Metropolitan Washington region does not meet the federal health standards for ozone and fine particles; and

**WHEREAS**, the local jurisdictions in the Metropolitan Washington Council of Governments (COG) who participate with the states of Maryland, Virginia and the District on the Metropolitan Washington Air Quality Committee (MWAQC) develop regional plans to improve the air and meet federal health standards by reducing emissions that cause pollution; and

**WHEREAS**, the Metropolitan Washington, DC-MD-VA region submitted air quality plans (SIPs) in 2007 and 2008 with measures to achieve the federal health standards for ozone and fine particles by 2009; and

**WHEREAS**, Diesel engines used in construction equipment are typically more polluting than those used for on-road or highway transportation because many are equipped with relatively high horsepower engines, operate under high load conditions, and until 1996 were unregulated; and

**WHEREAS**, while the EPA Clean Air nonroad Diesel Rule approved in 1996, to be implemented in 2008-2015, will reduce diesel emissions from nonroad engines through the use of advanced diesel engine technology and ultra-low sulfur diesel fuel, it will take decades for the older, dirtier nonroad diesel engines to be replaced with the new cleaner engines; and

**WHEREAS**, nonroad construction equipment operating in the region are significant emitters of ozone precursors including nitrogen oxides, volatile organic compounds and fine particles; and

**WHEREAS**, diesel control technologies such as Diesel Particulate Filers, engine repower and engine upgrades reduce harmful emissions from older engines; and

**WHEREAS**, the Maryland Highway Contractors Association (MHCA) encourages its members to voluntarily retrofit older diesel construction equipment and three MHCA member equipment owner/operators have volunteered to participate in the proposed project to retrofit their equipment.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE  
METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS THAT:**

The Executive Director, or his designee, to submit a grant application to the U.S. Environmental Protection Agency Region III for a National Clean Diesel Funding Assistance grant of \$598,516 for two years. The proposed project, "Reducing Emissions from Nonroad Equipment Used in Construction and Material Handling Operations in the Metropolitan Washington Region," will retrofit nonroad diesel engines used in highway construction operations around the region. The project will be done in partnership with the Maryland Highway Contractors Association, the Maryland Dept. of the Environment, and three owners/operators of highway construction equipment with COG as the administrator. No COG match is requested. Equipment owners and vendors will contribute a share of the cost of equipment.