

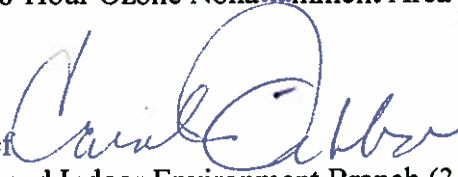
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103

July 24, 2009

SUBJECT: Technical Support Document (TSD) - Adequacy Findings for the Motor Vehicle Emissions Budgets in the 2008 Reasonable Further Progress Plan for the Metropolitan Washington D.C. 8-Hour Ozone Nonattainment Area (DC-MD-VA)

FROM: 
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TO: Administrative Record for the Adequacy Findings for the Motor Vehicle Emissions Budgets in the 2008 Reasonable Further Progress Plan for the Washington D.C. 8-Hour Ozone Nonattainment Area (DC-MD-VA)

THRU: Carol Febbo, Chief 
Energy, Radiation and Indoor Environment Branch (3AP23)

I. Administrative Requirements for Making Adequacy Findings

We have followed the process for determining the adequacy of the submitted State Implementation Plan (SIP) Motor Vehicle Emissions Budgets (MVEBs) in accordance with the procedures listed in the January 2008 Conformity Regulations contained in 40 CFR Part 93, 118(f) ("Adequacy review process for implementation plan submissions").

By transmittal letters dated as shown in Table 1 below; the State of Maryland, the Commonwealth of Virginia and the District of Columbia, each formally submitted a combined 2008 Reasonable Further Progress Plan (hereafter the 2008 RFP Plan), 2009 8-Hour Ozone Attainment Demonstration Plan (hereafter the 2009 attainment demonstration) and a 2010 contingency mobile emissions budget for the Metropolitan Washington D.C. 8-hour ozone nonattainment area (hereafter, "the Washington D.C. area").

On March 21, 2008, a notice was posted on EPA's web site entitled, "Adequacy Review of SIP Submissions for Conformity," located at: <http://www.epa.gov/otaq/stateresources/transconf/adequacy.htm> (Referred to as "EPA's website"), for the purpose of opening EPA's 30-day public comment period on the proposed MVEBs budgets in the Washington D.C. 8-hour ozone attainment demonstration plan.

EPA's public comment period closed on April 21, 2008. EPA received no comments on the proposed MVEBs.

This TSD is only addressing the MVEBs contained in the 2008 Reasonable Further Progress Plan.

This TSD will be an enclosure to the letters from EPA to the Maryland Department of the Environment (MDE), the Virginia Department of Environmental Quality (VADEQ) and the District of Columbia Department of the Environment (DCDOE) informing the jurisdictions of our findings on MVEBs of the 2008 RFP Plan for the Washington D.C. area.

Table 1 State SIP Submission Dates

Jurisdiction	Submittal Date
Maryland	June 4, 2007
Virginia	June 12, 2007
District of Columbia	June 12, 2007

We will publish a Federal Register notice announcing our adequacy findings. The effective date of the adequacy findings will be 15 days after the publication date of that notice. Once EPA has published the Federal Register notice, the letter we sent to MDE, VADEQ and DCDOE and its enclosure, this TSD will also be posted at the EPA website.

Shown below in Table 2 are the budgets from the 2008 RFP submittal.

**Table 2
The Budgets of the Washington, D.C. 2008 RFP Plan**

Plan Submittal	Milestone Year	Mobile Vehicle Emissions Budget for VOC-Tons Per Day	Mobile Vehicle Emissions Budget for NOx-Tons Per Day
Reasonable Further Progress Plan	2008	70.8	159.8

II. Evaluation of the Adequacy of the MVEBs Budgets in the 2008 RFP Plan for the Washington, D.C. Area 8-Hour Ozone Non-attainment Area Submitted By MDE, VADEQ and DCDOE

In this TSD, we are evaluating the MVEBs associated with the 2008 RFP Plan contained in the submittals for conformity purposes. We are using the evaluation criteria detailed in the Transportation Conformity Rule, 40 CFR Part 93.118(e)4 through 93.118(e)5. The evaluation is presented in Table 2, below.

**Table 2
Adequacy of the MVEBs Contained in the 2008 RFP Plan for the Washington, D.C. 8-Hour Ozone Non-attainment Area**

Transportation Conformity Rule 40 CFR Part 93, ' 93.118	Review Criteria	Was the Criterion Satisfied? If Yes, How was this Criteria Satisfied?
Sec. 93.118(e)(4)(i)	Was the submitted revised plan endorsed by the Governor (or his or her designee) and subject to a State public hearing?	Yes. The submitted 2008 RFP Plan was endorsed and submitted as a SIP revision by the Governor's designee, the Secretaries of MDE and VADEQ and the Director of DCDOE. A public hearing on the SIP proposal was held in all three jurisdictions.
Sec. 93.118(e)(4)(ii)	Before the attainment demonstration was submitted to EPA, did consultation between federal, State and local agencies occur; was full implementation plan documentation provided to EPA, and was EPA's stated concerns, if any, addressed?	Yes. Consultation has occurred among all required Federal, State and local agencies.
Sec. 93.118(e)(4)(iii)	Was the motor vehicle emissions budget(s) clearly identified and precisely quantified?	Yes, the budgets are clearly identified on page 1-8 of the SIP submittal containing the, 2008 RFP Plan.

Sec. 93.118(e)(4)(iv)	Is the motor vehicle emissions budget(s), when considered together with all other emission reductions, consistent with applicable requirements for attainment demonstrations?	EPA believes the budgets can be declared adequate because in conjunction with the other emission reductions, they demonstrate reasonable further progress for 2008.
Sec. 93.118(e)(4)(v)	Is the motor vehicle emissions budget(s) consistent with and clearly related to the emissions inventory and the control measures in the Plan?	EPA believes that the budgets are clearly related to the emissions inventory and the control measures in the SIP submittal.
Sec. 93.118(e)(4)(vi)	Revisions to previously submitted attainment demonstrations: explain and document any changes to previously submitted budgets and control measures; impacts on point and area source emissions; any changes to established safety margins (see Sec. 93.101 for definition); and reasons for the changes (including the basis for any changes related to emission factors or estimates of vehicle miles traveled).	Yes. The SIP submission explains that the revised MVEBs are in response to EPA's 1997 revision to the previous ozone standard. This revision revoked the previous 1-hour ozone standard and replaced with a more stringent 8 hour ozone standard.
Sec. 93.118(e)(5)	Did they provide and we review public comments and the State's responses to those comments with the submitted control strategy SIP?	There were no comments on the SIP.

III. Findings - Based upon our review and evaluation of the MVEBs contained in the three jurisdictions submittals of the 2008 RFP Plan for the Washington, D.C. for the 8-Hour Ozone nonattainment area, we find the said MVEBs adequate for conformity purposes.

IV. The Applicable Motor Vehicle Emissions Budgets for Purposes of Demonstrating Conformity for 2008 in the Washington, D.C. Area - The applicable motor vehicle emissions budgets for purposes of demonstrating conformity are 70.8 tons/day of VOC and 159.8 tons/day NOx