UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

November 14, 2008

SUBJECT: Technical Support Document - Adequacy Findings for the Motor Vehicle Emissions Budgets in the 2008 Reasonable Further Progress Plan for the Delaware Portion of the Philadelphia-Wilmington-Trenton Nonattainment Area (New Castle, Kent and Sussex Counties)

FROM: Martin Kotsch,
Environmental Engineer (3AP23)

TO: Administrative Record for the Adequacy Findings for the Motor Vehicle Emissions Budgets in the 2008 Reasonable Further Progress Plan for the Delaware Portion of the Philadelphia-Wilmington-Trenton Nonattainment Area (New Castle, Kent and Sussex Counties)

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".

On June 13, 2007, the Delaware Department of Natural Resources and Environmental Control, (DNREC) formally submitted a combined 2008 Reasonable Further Progress Plan (hereafter the 2008 RFP Plan) and 2009 8-Hour Ozone Attainment Demonstration Plan (hereafter the 2009 attainment demonstration) for the Delaware Portion of the Philadelphia-Wilmington-Atlantic City 8-Hour Ozone Nonattainment Area as State Implementation Plan (SIP) revision.

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

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 Delaware Portion of Philadelphia-Wilmington-Atlantic City 8-hour 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 will be an enclosure to the letter from EPA to the DNREC informing the State of our findings on MVEBs of the 2008 RFP Plan for the area submitted on June 13, 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 DNREC and its enclosure, this TSD will also be posted at the EPA website.

II. Evaluation of the Budgets

Table 1 - The Budgets

Clean Air Act Requirement	Milestone Year	Mobile Vehicle Emissions Budget for NOx in Tons Per Day	Mobile Vehicle Emissions Budget for VOC in Tons Per Day
Reasonable Further Progress New Castle County	2008	21.35	10.61
Reasonable Further Progress Kent County	2008	9.68	4.14
Reasonable Further Progress Sussex County	2008	12.86	7.09

Table 2

Adequacy of the Budgets in the 2008 Reasonable Further Plan for the Delaware Portion of the Philadelphia-Wilmington-Atlantic City Ozone Nonattainment Area (New Castle, Kent and Sussex Counties Budgets)		
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 control strategy implementation plan endorsed by the Governor (or his or her designee) and subject to a State public hearing?	Yes. The SIP was endorsed and submitted by the Secretary of DNREC, the Governor's designee formally delegated the authority to submit SIP revisions to EPA. A public hearing was held.
Sec. 93.118(e)(4)(ii)	Before the control strategy implementation plan 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)	Were the motor vehicle emissions budgets clearly identified and precisely quantified?	Yes. The 2008 budgets are found in Table 9-1, of the ROP plan submittal.

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 the control strategy implementation plan?	Yes. The budgets are consistent with the ROP plan's requirements. The SIP submittal demonstrates that the control measures and strategy adopted and imposed by Delaware in New Castle, Kent and Sussex Counties achieve the reductions necessary to meet the ROP requirements. The control measures include the FMVCP and RVP, Tier I Vehicle Emission Standards, Enhanced I/M, RFG, HDDE, the NLEV Program and the Tier 2/Sulfur-in Fuel Rule.
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 submitted control strategy implementation plan?	Yes.
Sec. 93.118(e)(4)(vi)	Revisions to previously submitted control strategy implementation plan: 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 previous1-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 proposed mobile emissions budgets in the SIP.

III. Recommendation - Based upon our review and evaluation of the budgets contained in the Reasonable Further Progress Plans for 2008 submitted on June 12, 2007 by the State of Delaware for New Castle, Kent and Sussex Counties, we recommend that the motor vehicle budgets be found adequate.

IV. The Applicable Motor Vehicle Emissions Budgets for Purposes of Demonstrating Conformity for 2008 in Kent & New Castle Counties - The applicable motor vehicle emissions budgets for purposes of demonstrating conformity are 21.35 tons/day of NOx and 10.61 tons/day VOC for New Castle County and 9.68 tons/day of NOx and 4.14 tons/day VOC for Kent County and 12.86 tons/day of NOx and 7.09 tons/day of VOC for Sussex County.