

**Commonwealth of Pennsylvania
Department of Environmental Protection**



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

PROPOSED

**State Implementation Plan Revision:
Correction of 2002 Base-Year Inventory**

**Bucks, Chester, Delaware, Montgomery and Philadelphia Counties
located in the
Philadelphia-Wilmington-Atlantic City, PA-NJ-DE
Eight-Hour Ozone Nonattainment Area**

SEPTEMBER 2009

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**John Hanger
Secretary**

**Edward G. Rendell
Governor**

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Introduction

This revision to the Pennsylvania State Implementation Plan (SIP) is to reflect changes made to the 2002 Base-Year Inventory included in the SIP revision for the five-county Pennsylvania portion of the Philadelphia-Wilmington-Atlantic City Eight-Hour Ozone Nonattainment Area submitted August 29, 2007. The values for the stationary source category of the 2002 Base Year Inventory were incorrect. The names of some facilities changed between inventory years and were not updated in the Pennsylvania Department of Environmental Protection's (DEP) database. During the development of the 2002 Base-Year Inventory, some stationary point sources were included multiple times in the calculations. Thus, the values given for stationary point sources in DEP's 2002 Base-Year Inventory are overestimated. Corrected 2002 Base-Year Inventory values for stationary point sources are found in Appendix B of this submission.

Emission Inventory

The stationary point source emission inventory has been updated to reflect the adjusted 2002 Base-Year Inventory. Appendix B of this submission replaces Appendix B of the August 2007 SIP revision in its entirety.

Corrections

The following reflects a change to the Table 4-1, found in Section IV, Part A of the August 2007 Philadelphia SIP revision. The values for Volatile Organic Compounds (VOC) and Nitrogen Oxides (NOx) attributed to stationary point sources have been adjusted to reflect the updated inventory. This has also changed the total emissions from all categories. The following table replaces Table 4-1 in the August 2007 SIP revision:

**(Revised) Table 4-1: 2002 Emissions
Tons per Summer Day**

	VOC	NOx
Stationary Point Sources ²	22.20	59.63
Stationary Area Sources	149.84	14.64
Highway Vehicles	98.76	184.66
Nonroad Engines/Vehicles	79.06	70.95
TOTAL	349.86	329.88

Public Participation

Requirements for a public comment process are set forth in Section 110(a)(2) of the Clean Air Act (CAA) and 40 CFR Section 51.102(d). Public hearings on the proposed SIP revision will be held, if requested, on Thursday, October 29, 2009. Notice of the hearings will be published in the *Pennsylvania Bulletin* and in newspapers in the affected region at least 30 days prior to the

² This does not include emission reduction credits described in Appendix B.

date of the hearing. The public comment period will end on Friday, October 30, 2009. A comment/response document will be submitted to EPA with the final SIP revision.