

**Commonwealth of Pennsylvania  
Department of Environmental Protection**



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

**PROPOSED**

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

**APRIL 2009**

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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 <sup>2</sup>	22.20	59.63
Stationary Area Sources	149.84	14.64
Highway Vehicles	98.76	184.66
Nonroad Engines/Vehicles	79.06	70.95
<b>TOTAL</b>	<b>349.86</b>	<b>329.88</b>

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<sup>2</sup> This does not include emission reduction credits described in Appendix B.