

**TECHNICAL APPENDICES  
FOR  
REDESIGNATION REQUEST,  
MAINTENANCE PLAN  
AND 2002 BASE YEAR INVENTORY**

**YOUNGSTOWN – WARREN – SHARON  
INTERSTATE  
EIGHT-HOUR OZONE NONATTAINMENT  
AREA**

MARCH 2007

**Commonwealth of Pennsylvania  
Department of Environmental Protection  
Bureau of Air Quality**

## TABLE OF CONTENTS

<b>Appendix A:</b>	<b>Stationary Point Sources</b>
A-1	Methodology – <i>Preparation of Pennsylvania Point Source Inventories and Instructions for Completing the Annual Emissions Reporting Forms</i>
A-2	Facility Annual Emissions by SCC
A-3	Facility Daily Emissions by SCC
A-4	Banked Emissions Reduction Credits
<b>Appendix B:</b>	<b>Stationary Area Sources</b>
B-1	<i>Pennsylvania 2002 Area Source Criteria Air Pollutant Emission Estimation Methods</i> (EH Pechan, Feb. 2004)
B-2	Area Source Annual Emissions by SCC
B-3	Area Source Daily Emissions by SCC
<b>Appendix C:</b>	<b>Highway Vehicles</b> (includes Executive Summary)
C-1	Mobile Source Highway Emissions Inventory – An Explanation of Methodology
C-2	Highway Emissions Estimates 2002 Annual and Daily CO, NOx, VOC & VMT by SCC; Daily NOx, VOC and VMT by Facility and Vehicle Type. 2004, 2009, 2018 Daily VOC, NOx and VMT by Facility Type, Vehicle Type and SCC; Daily CO by SCC
C-3	MOBILE6.2 Input Parameter Summary
C-4	MOBILE6.2 Sample Input File
C-5	Traffic Growth Forecasting System Report
<b>Appendix D:</b>	<b>Nonroad Sources</b>
D-1	Emissions Estimation Methodology
D-2	Nonroad Source Emissions by Category and SCC
<b>Appendix E:</b>	<b>Source Emissions Projection Methodology</b>
<b>Appendix F:</b>	<b>Supplemental Air Quality Information</b>
<b>Appendix G:</b>	<b>Ohio EPA Final Redesignation Request and Maintenance Plan for the Youngstown-Warren-Sharon 8-Hour Ozone Nonattainment Area</b>