

**Delaware  
Air Quality  
Management**

**2008**

**Air Toxics Strategic Plan**

**Year-end Status**

**(January through December 2008)**

**Detailed Report**

**Delaware**  
**Air Quality Management**  
**2008 Air Toxics Strategic Plan**

**The Air Toxics Strategic Plan (ATSP) is a five-year plan of activities to be undertaken by Air Quality Management to reduce the risk of adverse health effects caused by the inhalation of air toxics. The 2008 ATSP, finalized on 2/27/06, was organized within the following components.**

- **Implement an ongoing program to address the risks from exposure to air toxics**
- **Build greater understanding of ambient air toxics environment**
- **Identify potential harm from exposure to air toxics**
- **Gather information related to air toxics sources**
- **Identify options for reducing air toxics in the environment**
- **Implement appropriate actions to reduce the harm from exposure to air toxics**
- **Evaluate the effectiveness of the actions taken to reduce harm from exposure to air toxics**
- **Enhance AQM Air Toxics Resources**

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<b>2008</b>		
<ul style="list-style-type: none"> <li>• Continue to build the strategic planning capacity to implement risk-based assessment programs to mitigate any unacceptable air toxics impacts.</li> </ul>		
<ul style="list-style-type: none"> <li>• Review status and complete year-end status report on the 2007 individual Strategic Plans.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed on 2/15/08</b></li> </ul>	---
<ul style="list-style-type: none"> <li>• Track implementation and report year-end-status of the 2007 Air Toxics Strategic Plan by 3/31/08.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed on 3/5/08</b></li> </ul>	---
<ul style="list-style-type: none"> <li>• Review status and complete mid-year status report on the 2008 individual Strategic Plans.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed on 8/26/08</b></li> </ul>	---
<ul style="list-style-type: none"> <li>• Track implementation and report mid-year status on the 2008 ATSP by 9/30/08.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed on 9/9/08</b></li> </ul>	---
<ul style="list-style-type: none"> <li>• Coordinate the updating of the ATSP for 2009-2013</li> </ul>		
<ul style="list-style-type: none"> <li>• Incorporate risk results from the DATAS findings into the preparation and development of the air toxics strategic planning process.</li> </ul>	<ul style="list-style-type: none"> <li>• DATAS Phase II findings were not released in 2008</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
<ul style="list-style-type: none"> <li>• Update individual Strategic Plans for 2009-2013.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed on 12/26/08</b></li> </ul>	---
<ul style="list-style-type: none"> <li>• Update and finalize 2009 ATSP for years 2009 to 2013 by 12/31/08.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed on 12/31/08</b></li> </ul>	---
<ul style="list-style-type: none"> <li>• Continue participation on internal, local, regional, and national committees to identify air quality problems, develop strategies/solutions, and implement DE air toxics program.</li> </ul>		
<ul style="list-style-type: none"> <li>• Continue to support and participate in the Claymont Industry Partnership Initiative.</li> </ul>	<ul style="list-style-type: none"> <li>• Participated in all meetings</li> <li>• Participated in 2008 Claymont Green Day Outreach</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
<ul style="list-style-type: none"> <li>• Participate on the EPA Region 3’s newly formed “Area Source Implementation Workgroup”.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed on 3/18/08</b></li> </ul>	---
<ul style="list-style-type: none"> <li>• Continue to participate on the NACAA Boiler MACT Workgroup.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed participation</b> on the NACAA Boiler Workgroup with 6/15/08 release of the final permit guidance document</li> </ul>	---
<ul style="list-style-type: none"> <li>• Continue to search for and implement at least one new opportunity to increase the public awareness of actions that the public can take to reduce their risk from exposure to air toxics, including appropriate P2 programs.</li> </ul>	<ul style="list-style-type: none"> <li>• Worked with P2 Group and Small Business Ombudsman in communicating their successful implementation of APU grants at the Claymont Green Day event</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> </ul>

Continued on next page

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>Implement an ongoing program to address the risks from exposure to air toxic – cont.</b>	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<b>2008</b>	<ul style="list-style-type: none"> <li>• Continue participation on internal, local, regional, and national committees to identify air quality problems related to small businesses, develop strategies/solutions, and implement in the DE air toxics program and small business assistance program.                             <ul style="list-style-type: none"> <li>• Participate on the EPA Region 3’s newly formed “Area Source Implementation Workgroup”.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed on 3/18/08</b></li> </ul>	---
	<ul style="list-style-type: none"> <li>• Continue participation on internal, local, regional, and national committees to identify pollution prevention opportunities, develop strategies/solutions, and continue the DE pollution prevention program.                             <ul style="list-style-type: none"> <li>• Clean Marina Program.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed</b> the inaugural Clean Marina Expo on 4/2/08</li> </ul>	---
	<ul style="list-style-type: none"> <li>• Continue participation on internal, local, regional, and national committees to identify energy issues, develop strategies/solutions, and implement Delaware’s energy program.</li> </ul>	<ul style="list-style-type: none"> <li>• Continued participation in . . .                             <ul style="list-style-type: none"> <li>• Clean State Program (Alt. Fuels)</li> <li>• National Association of State Energy Officials (NASEO)</li> <li>• Del Tech Leadership in Energy and Environmental Design (LEED) Board of Directors</li> </ul> </li> </ul>	• Ongoing
	<ul style="list-style-type: none"> <li>• Identify regulatory deficiencies, implementation problems, and training needs and recommend appropriate solutions.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed an update</b> of Subpart A (now Section 3) of Reg. 1138 on 5/5/08</li> <li>• <b>Developed and presented module on “NESHAPs”</b> for the regulated community at the “Delaware Air Permitting Seminar” on 10/8/08</li> </ul>	--- ---
	<ul style="list-style-type: none"> <li>• Continue to evaluate and realign Engineering and Compliance’s assignments, organization structure and protocols to better address risk-based air toxics programs, as needed.</li> </ul>	<ul style="list-style-type: none"> <li>• There were no changes in assignments, structure or protocols during this period</li> </ul>	---
	<ul style="list-style-type: none"> <li>• Continue to evaluate and realign Area Source Compliance’s assignments and organization structure to better address risk-based air toxics programs, as needed.</li> </ul>	<ul style="list-style-type: none"> <li>• All long-term vacancies were filled</li> </ul>	---
	<b>New</b>	<ul style="list-style-type: none"> <li>• Update the 2003 State Energy Plan</li> </ul>	<ul style="list-style-type: none"> <li>• Hired consultant to draft work plan on 3/08</li> <li>• Set up work groups on 5/08</li> <li>• Complete final draft</li> <li>• Finalize State Energy Plan</li> </ul>

“New” designates activities commenced in 2008 that were not included in the final 2008 Air Toxics Strategic Plan.

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>Build greater understanding of ambient air toxics environment</b>	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<b>2008</b>	<ul style="list-style-type: none"> <li>Determine ambient air toxics concentrations for selected HAPs in Delaware.</li> </ul>		
	<ul style="list-style-type: none"> <li>Monitor, pending network review to meet changing resources, for Carbonyls and metals at one (1) air toxic monitoring station and VOCs at two (2) air toxic monitoring stations and report status of monitoring activities to EPA R3, as appropriate.</li> </ul>	<ul style="list-style-type: none"> <li><b>Completed VOC and Carbonyl</b> per the 2008 monitoring plan</li> <li>Metals monitoring was limited to ~7 months, as indicated below</li> <li><b>Resumed metals monitoring</b> at one air toxics monitoring site in September after 5 month suspension due to difficulties experienced at the EPA analytical contractor</li> <li><b>Submitted</b> all quarterly status reports to EPA</li> </ul>	<ul style="list-style-type: none"> <li>Ongoing</li> <li>Ongoing</li> <li>---</li> <li>Ongoing</li> </ul>
	<ul style="list-style-type: none"> <li>Submit quarterly air toxics monitoring data to national AIRS-AQS database following data validation.</li> </ul>	<ul style="list-style-type: none"> <li>Data reviewed and submitted</li> </ul>	<ul style="list-style-type: none"> <li>Ongoing</li> </ul>
	<ul style="list-style-type: none"> <li>Continue to support University of Delaware’s special project to provide near real time organic aerosol speciation at MLK monitoring site.</li> </ul>	<ul style="list-style-type: none"> <li>Continued to provide support throughout 2008</li> </ul>	<ul style="list-style-type: none"> <li>Ongoing</li> </ul>
	<ul style="list-style-type: none"> <li>Continue Upper Air Profiler project, which will provide meteorological data to NOAA repository for potential use in air toxics modeling, etc.</li> </ul>	<ul style="list-style-type: none"> <li><b>Completed, UAP installed in 2Q/08</b></li> </ul>	<ul style="list-style-type: none"> <li>Ongoing</li> </ul>
	<ul style="list-style-type: none"> <li>Continue to operate the gas chromatographic mass spectrometer to quantify “Community Air Toxics” under EPA air toxics grant.</li> </ul>	<ul style="list-style-type: none"> <li>Project initiated in 2Q/08</li> <li><b>Completed</b> Fall ’08 sampling program</li> <li>Implementing Winter ’09 sampling program</li> </ul>	<ul style="list-style-type: none"> <li>2Q/10</li> <li>---</li> <li>1Q/09</li> </ul>
	<ul style="list-style-type: none"> <li>Undertake new or special monitoring needs that may surface.</li> </ul>		
	<ul style="list-style-type: none"> <li>Continue saturation study in Sussex County and issue final report by 4/30/08.</li> </ul>	<ul style="list-style-type: none"> <li><b>Study completed in 2Q/08</b></li> </ul>	<ul style="list-style-type: none"> <li>---</li> </ul>
	<ul style="list-style-type: none"> <li>Provide air toxics modeled results (HAP concentrations) based on DATAS Phase II modeling, to support . . .</li> </ul>		
	<ul style="list-style-type: none"> <li>Assessment of air toxics health impacts in communities.</li> </ul>	<ul style="list-style-type: none"> <li>No activity this period</li> </ul>	<ul style="list-style-type: none"> <li>2009</li> </ul>
<ul style="list-style-type: none"> <li>Development of control strategies to meet the new air toxics standards.</li> </ul>	<ul style="list-style-type: none"> <li>No activity this period</li> </ul>	<ul style="list-style-type: none"> <li>2009</li> </ul>	
<ul style="list-style-type: none"> <li>Assist the air permitting decision-making process by considering cumulative impacts on as needed basis.</li> </ul>	<ul style="list-style-type: none"> <li>No activity this period</li> </ul>	<ul style="list-style-type: none"> <li>2009</li> </ul>	

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<b>2008</b>		
<ul style="list-style-type: none"> <li>• Characterize the cancer and non-cancer risks associated with 2003 modeled results.</li> <li>• Provide regional-scale modeling concentrations to DPH for risk assessments.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Presented modeling results</b> to DATAS team on 8/27/08</li> <li>• <b>DPH completed</b> their risk assessments of modeled results in 12/08</li> </ul>	<p style="text-align: center;">- - -</p> <p style="text-align: center;">- - -</p>
<ul style="list-style-type: none"> <li>• Compare the DATAS-2003 monitored and modeled concentrations for the five (5) air toxics monitoring sites by 3/31/08.</li> </ul>		
<ul style="list-style-type: none"> <li>• Compounds modeled by local-scale modeling by 3/31/08.</li> </ul>	<ul style="list-style-type: none"> <li>• Commenced comparison of monitored versus modeled results during 4Q/08</li> </ul>	<ul style="list-style-type: none"> <li>• 1Q/09</li> </ul>
<ul style="list-style-type: none"> <li>• Compounds modeled by regional-scale modeling by 3/31/08.</li> </ul>	<ul style="list-style-type: none"> <li>• Commenced comparison of monitored versus modeled results during 4Q/08</li> </ul>	<ul style="list-style-type: none"> <li>• 1Q/09</li> </ul>
<ul style="list-style-type: none"> <li>• Complete DATAS-2003 Phase II modeling report by 3/31/08.</li> </ul>	<ul style="list-style-type: none"> <li>• No activity this period</li> </ul>	<ul style="list-style-type: none"> <li>• 3/31/09</li> </ul>
<ul style="list-style-type: none"> <li>• Review DATAS Phase II results to determine impacts and prepare responses for anticipated questions concerning stationary sources with the release of the source apportionment information.</li> </ul>	<ul style="list-style-type: none"> <li>• DATAS Phase II finding were not released in 2008</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
<ul style="list-style-type: none"> <li>• Coordinate E&amp;C responses to DATAS results with other AQM branches to ensure consistent responses.</li> </ul>	<ul style="list-style-type: none"> <li>• DATAS Phase II finding were not released in 2008</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
<ul style="list-style-type: none"> <li>• Characterize the cancer and non-cancer risks through future air toxics assessment programs.</li> </ul>		
<ul style="list-style-type: none"> <li>• Coordinate ongoing risk assessment support and guidance of DPH for air toxics risk reduction activities.</li> </ul>	<ul style="list-style-type: none"> <li>• No activity this period</li> </ul>	<ul style="list-style-type: none"> <li>• Unk</li> </ul>
<ul style="list-style-type: none"> <li>• Coordinate risk assessments needs and results for model-generated for DATAS Phase II with DPH.</li> </ul>	<ul style="list-style-type: none"> <li>• Commenced development of Risk Maps in GIS</li> </ul>	<ul style="list-style-type: none"> <li>• 1Q/09</li> </ul>
<ul style="list-style-type: none"> <li>• Review of GIS Risk Maps with DATAS team</li> </ul>		<ul style="list-style-type: none"> <li>• 1Q/09</li> </ul>
<ul style="list-style-type: none"> <li>• Following release of DATAS Phase II Report, coordinate a team assessment of the need/value for conducting additional air toxics assessment studies (i.e. monitoring, modeling or both).</li> </ul>	<ul style="list-style-type: none"> <li>• DATAS Phase II finding were not released in 2008</li> </ul>	<p style="text-align: center;">- - -</p>
<ul style="list-style-type: none"> <li>• Analyze monitoring data from completed special monitoring projects, i.e. AQM/UD, and refine air toxics model, if appropriate.</li> </ul>		
<ul style="list-style-type: none"> <li>• Continue analysis of data collected from E-DATAS projects.</li> </ul>	<ul style="list-style-type: none"> <li>• No modeling activity with Univ. of Delaware monitoring results this period</li> <li>• Continued to use Duke Univ. monitoring results in modeling of Sub-Grid Scale Variability (SGV) characterizations and its application to human exposure assessments</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> <li>• Ongoing</li> </ul>

Continued on next page

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>Identify potential harm from exposure to air toxics – cont.</b>	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<b>2008</b>	<ul style="list-style-type: none"> <li>• Characterize the cancer and non-cancer risks through future air toxics assessment programs - Continued</li> </ul>		
	<ul style="list-style-type: none"> <li>• Commence source apportionment analyses for air toxics with special attention to the following by 12/31/08:</li> </ul>		
	<ul style="list-style-type: none"> <li>• Sources of air toxics of concern.</li> </ul>	• No activity this period	• 2009
	<ul style="list-style-type: none"> <li>• Contribution of mobile sources versus stationary sources.</li> </ul>	• No activity this period	• 2009
	<ul style="list-style-type: none"> <li>• Diesel particulate matter.</li> </ul>	• No activity this period	• 2009
	<ul style="list-style-type: none"> <li>• Residential wood stoves.</li> </ul>	• No activity this period	• 2009
	<ul style="list-style-type: none"> <li>• Continue to refine air toxics model for characterizing air toxics risks through utilization of applications in Sub-Grid Scale Variability (SGV).</li> </ul>	• Continued to collaborate with EPA’s Office of Research and Development on modeling of Sub-Grid Scale Variability (SGV) characterizations and its application to human exposure assessments	• Ongoing
	<ul style="list-style-type: none"> <li>• Identify resources and funding needed to implement risk assessment aspect of DATAS-2009, if undertaken.</li> </ul>	• DATAS-2009 will not be undertaken	---
	<ul style="list-style-type: none"> <li>• If decision is made to undertake new modeling using 2005 Emission Inventory</li> </ul>		
	<ul style="list-style-type: none"> <li>• Identify resources and funding needed to implement modeling.</li> </ul>	• On HOLD – Low Priority	---
	<ul style="list-style-type: none"> <li>• Acquire needed software and hardware for modeling.</li> </ul>	• On HOLD – Low Priority	---
	<ul style="list-style-type: none"> <li>• Develop modeling protocol for the implementation.</li> </ul>	• On HOLD – Low Priority	---
	<ul style="list-style-type: none"> <li>• Identify and assess alternatives to DPH-provided risk assessments, if appropriate.</li> </ul>	• No activity this period	• Unk
	<ul style="list-style-type: none"> <li>• Implement alternative risk assessments, if appropriate.</li> </ul>	• No activity this period	• Unk
<ul style="list-style-type: none"> <li>• Review DATAS Phase II findings and assess potential impact of dry cleaning and gasoline distribution air toxics on the public’s health.</li> </ul>	• DATAS Phase II finding were not released in 2008	---	
<ul style="list-style-type: none"> <li>• Coordinate review and analysis of 2002 NATA results and facilitate the preparation of DE response, if released by EPA.</li> </ul>	• 2002 NATA results were not released in 2008	---	
New	<ul style="list-style-type: none"> <li>• Provide modeling support to Air Quality’s Community Air Toxics Study (CATS).</li> </ul>	• No activity this period	• 2009
New	<ul style="list-style-type: none"> <li>• Provide modeling support for DNREC’s interest in a proposed multimedia total exposure study.</li> </ul>	• Provided comments on the initial draft proposal	• Ongoing

“New” designates activities commenced in 2008 that were not included in the final 2008 Air Toxics Strategic Plan.

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>Gather information related to air toxics sources</b>	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<b>2008</b>	<ul style="list-style-type: none"> <li>• Develop emissions inventory protocol for the implementation of the 2008 NEI by 12/08.</li> </ul>	<ul style="list-style-type: none"> <li>• Commenced development of protocols in 4Q/08</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
	<ul style="list-style-type: none"> <li>• Review and update emissions inventory protocol for the implementation of DATAS-2009, if undertaken.</li> </ul>	<ul style="list-style-type: none"> <li>• DATAS-2009 will not be undertaken</li> </ul>	- - -
	<ul style="list-style-type: none"> <li>• Upon completion of air toxics model development and implementation, work with management, modeling, and mobiles sources to better characterize the level of risk contributed by emissions from mobiles sources.</li> </ul>	<ul style="list-style-type: none"> <li>• DATAS Phase II finding were not released in 2008</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
	<ul style="list-style-type: none"> <li>• Complete 2005 HAPs emissions inventory to the extent there is information available by 6/08.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed the point source and on-road mobile source inventories</b></li> <li>• Non-road mobile and non-point area source inventories are ON HOLD due to limited of resources</li> </ul>	- - -
	<ul style="list-style-type: none"> <li>• Commence working on source apportionment with Mohammed Majeed associated with the DATAS Phase II results by 6/08.</li> </ul>	<ul style="list-style-type: none"> <li>• DATAS Phase II finding were not released in 2008</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
	<ul style="list-style-type: none"> <li>• Continue review of emission inventory inputs and/or assumptions for air toxics of concern as indicated by DATAS Phase II modeling and risk assessment results.</li> </ul>	<ul style="list-style-type: none"> <li>• DATAS Phase II finding were not released in 2008</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
	<ul style="list-style-type: none"> <li>• Provide emissions inventory support to the air toxics education and reduction programs, as required.</li> </ul>	<ul style="list-style-type: none"> <li>• No requests for inventory support were received from these programs in 2008</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> </ul>
	<ul style="list-style-type: none"> <li>• Track the emissions of air toxics of concern from significant sources contributing to elevated risks of exposure to air toxics.</li> </ul>	<ul style="list-style-type: none"> <li>• Commenced review and assessment of lead emission inventories</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
	<ul style="list-style-type: none"> <li>• Evaluate screening needs and modify the air toxics model to provide a simplified screening tool.</li> </ul>	<ul style="list-style-type: none"> <li>• No activity this period</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>Identify options for reducing air toxics in the environment</b>	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<b>2008</b>	<ul style="list-style-type: none"> <li>Develop and begin implementation of a community-based air toxics reduction program.</li> </ul>	<ul style="list-style-type: none"> <li>DATAS Phase II finding were not released in 2008</li> </ul>	---
	<ul style="list-style-type: none"> <li>Monitor federal activities associated with the establishment of a new Lead NAAQS.</li> </ul>	<ul style="list-style-type: none"> <li>Tracked issues pertinent to Delaware throughout the Federal rulemaking process</li> </ul>	<ul style="list-style-type: none"> <li>2009</li> </ul>
	<ul style="list-style-type: none"> <li>Maintain open communications with Chamber of Shipping of America and the U.S.C.G. regarding any recent or impending changes in national or international shipping laws that might impact Section 46 of Regulation 1124.</li> </ul>	<ul style="list-style-type: none"> <li>Received feedback from CSA</li> <li>No lightering applicable USCG rule changes in 2008</li> </ul>	---
	<ul style="list-style-type: none"> <li>Review DATAS Phase II results and identify air toxics reduction activities needed to address potential adverse health impacts.</li> </ul>	<ul style="list-style-type: none"> <li>DATAS Phase II finding were not released in 2008</li> </ul>	---
	<ul style="list-style-type: none"> <li>Initiate and continue to include, where applicable, the mobile source air toxics issues in programs and activities, which previously addressed only criteria pollutants.                             <ul style="list-style-type: none"> <li>Participate in inter-agency consultation workgroup’s 8-hour conformity determinations for New Castle, Kent and Sussex Counties. Report status to EPA R3, as appropriate.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Participated with WILMAPCO and DelDOT on New Castle County conformity determination</li> <li>Identified that Kent County will need a conformity determination in 2009</li> </ul>	<ul style="list-style-type: none"> <li>Ongoing</li> <li>Ongoing</li> </ul>
	<ul style="list-style-type: none"> <li>Continue to provide comments and/or recommendations to the MPOs and DelDOT on the priority of funding projects with CMAQ funds. Report status to EPA R3, as appropriate.</li> </ul>	<ul style="list-style-type: none"> <li>Participated with WILMAPCO MPO and DelDOT on developing CMAQ priority project list</li> <li>No activity on Kent or Sussex County projects during this period</li> </ul>	<ul style="list-style-type: none"> <li>3Q09</li> <li>Unk</li> </ul>
	<ul style="list-style-type: none"> <li>Schedule presentation of the mobile source air toxics results following the release of the DATAS Phase II report.</li> </ul>	<ul style="list-style-type: none"> <li>DATAS Phase II finding were not released in 2008</li> </ul>	<ul style="list-style-type: none"> <li>2009</li> </ul>
	<ul style="list-style-type: none"> <li>Reassess current contribution to smart growth oversight to encourage consideration of impact of mobile source emissions by 12/31/08.</li> </ul>	<ul style="list-style-type: none"> <li>Provided air quality comments on Delaware’s Super Green proposal</li> <li>Provided air quality impact comments for numerous development proposal</li> </ul>	---
	<ul style="list-style-type: none"> <li>If DATAS Phase II identifies mobile source-driven “hot spots”, initiate development of a mobile source air toxics reduction or education programs by 12/31/08.</li> </ul>	<ul style="list-style-type: none"> <li>DATAS Phase II finding were not released in 2008</li> </ul>	<ul style="list-style-type: none"> <li>2009</li> </ul>
	<ul style="list-style-type: none"> <li>Continue participation in OTC Clean Corridors and the Mid Atlantic Diesel Collaborative projects and report status to EPA R3, if appropriate.</li> </ul>	<ul style="list-style-type: none"> <li>No OTC-related projects were undertaken this period</li> <li><b>On 6/4, completed work with MADC on development of the DERA grant projects</b></li> </ul>	<ul style="list-style-type: none"> <li>Ongoing</li> <li>---</li> </ul>

Continued on next page

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<b>2008</b> <ul style="list-style-type: none"> <li>• Continue to evaluate federal stationary source rulemakings, communicate impacts internally and provide comments on the rules, as appropriate. Collaborate and maintain open communications with rulemaking involving joint responsibilities.</li> </ul>		
<ul style="list-style-type: none"> <li>• Newly proposed amendments to federal MACT or incineration standards.</li> <li>• Commercial and Industrial Solid Waster Incinerator Standard.</li> </ul>	<ul style="list-style-type: none"> <li>• EPA has yet to proposed</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
<ul style="list-style-type: none"> <li>• Newly proposed federal residual risk standards, applicable to Delaware. The following were expected to have been proposed in 2007. <ul style="list-style-type: none"> <li>• Subpart U (Polymers &amp; Resins – Group 1).</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• No activity as the proposed and final standards did not include any resins manufactured in DE</li> </ul>	<p style="text-align: center;">---</p>
<ul style="list-style-type: none"> <li>• Subpart Y (Marine vessel loading facilities).</li> <li>• Subpart GG (Aerospace coating facilities).</li> </ul>	<ul style="list-style-type: none"> <li>• EPA has yet to proposed</li> <li>• EPA has yet to proposed</li> </ul>	<ul style="list-style-type: none"> <li>• Unk</li> <li>• Unk</li> </ul>
<ul style="list-style-type: none"> <li>• Newly proposed federal area source standards under Section 112(k).</li> <li>• 10 yet to be proposed standards (predominately fabricated metal products) are due to be promulgated by June 2008.</li> </ul>	<ul style="list-style-type: none"> <li>• Ten federal GACT standards proposed during 1Q &amp; 2Q/08; no activity undertaken or comments submitted</li> </ul>	<p style="text-align: center;">---</p>
<ul style="list-style-type: none"> <li>• 10 other yet to be proposed standards (predominately chemicals manufacturing) are due to be promulgated by December 2008.</li> </ul>	<ul style="list-style-type: none"> <li>• Ten federal GACT standards proposed during 3Q &amp; 4Q/08; no activity undertaken or comments submitted</li> </ul>	<p style="text-align: center;">---</p>
<ul style="list-style-type: none"> <li>• Continue to evaluate federal stationary source rulemakings, communicate impacts internally and provide comments on the rules, as appropriate. Collaborate and maintain open communications with rulemaking involving joint responsibilities.</li> </ul>		
<ul style="list-style-type: none"> <li>• As each area source standard is being proposed, evaluate the impacts of pollution prevention implementation in that sector.</li> </ul>		
<ul style="list-style-type: none"> <li>• Paint stripping and miscellaneous coating at area sources (Subpart HHHHHH includes auto body shops).</li> </ul>	<ul style="list-style-type: none"> <li>• Commenced taking active role during development of this standard in 10/08</li> </ul>	<ul style="list-style-type: none"> <li>• 2010</li> </ul>
<ul style="list-style-type: none"> <li>• Electric arc furnace steelmaking facilities at area sources (Subpart YYYYYY) from scrap steel suppliers' perspective.</li> </ul>	<ul style="list-style-type: none"> <li>• Waiting for development of Regulation 1138 standard to begin</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>

Continued on next page

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>12/31/08 Status</b>	<b>Expected Completion</b>	
<b>2008</b>	<b>Identify options for reducing air toxics in the environment – cont.</b> <ul style="list-style-type: none"> <li>• Determine timing and need for case-by-case MACT determination for PVC MACT (Subpart J).</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed development</b> of path forward in 5/08</li> <li>• Issue Title V operating permit</li> </ul>	--- <ul style="list-style-type: none"> <li>• 2009</li> </ul>
	<ul style="list-style-type: none"> <li>• Determine timing and path forward for case-by-case MACT determination for Boiler MACT (Subpart DDDDD).</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed participated</b> in the NACAA developed permit guidance workgroup</li> <li>• Preliminary assessment and development of path forward underway is ON HOLD, pending EPA's re-proposal of Boiler MACT by 7/15/09</li> </ul>	--- <ul style="list-style-type: none"> <li>• 2009</li> </ul>
	<ul style="list-style-type: none"> <li>• Evaluate the need for the development of additional source category permits to address air toxics issues, ongoing.</li> </ul>	<ul style="list-style-type: none"> <li>• No candidates identified during 2008</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> </ul>
	<ul style="list-style-type: none"> <li>• Identify grant and funding opportunities.               <ul style="list-style-type: none"> <li>• Facilitate the identification, preparation and submission for transportation-related grants or other funding.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Diesel retrofits at the Port of Wilmington               <ul style="list-style-type: none"> <li>• <b>Submitted</b> a DERA grant application in 6/08</li> <li>• <b>Received</b> DERA grant in 4Q/08</li> <li>• Submit purchase orders</li> </ul> </li> <li>• Facilitated the Smyrna Rest Area TSE and Port of Wilmington retrofit projects</li> </ul>	--- --- <ul style="list-style-type: none"> <li>• 1Q/09</li> <li>• 2010</li> </ul>
	<ul style="list-style-type: none"> <li>• Continue to identify resources and funding needed to implement air toxics communications and outreach programs.</li> </ul>	<ul style="list-style-type: none"> <li>• No outreach funding needs identified during the period</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> </ul>
	<ul style="list-style-type: none"> <li>• Work with and promote open communications with other branches, divisions and Departments on energy efficiency/conservation opportunities and pursue funding opportunities for projects.</li> </ul>	<ul style="list-style-type: none"> <li>• Working with Office of Management and Budget on purchase of alternative fuel vehicles</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> </ul>

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<b>2008</b>		
<ul style="list-style-type: none"> <li>• Promote the implementation of mobile source air toxics reduction initiatives/programs.</li> </ul>		
<ul style="list-style-type: none"> <li>• Working with other State and Regional agencies, actively promote implementation of the SmartWay Transport programs.</li> </ul>	<ul style="list-style-type: none"> <li>• No activity this period</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> </ul>
<ul style="list-style-type: none"> <li>• Report on activities conducted in support of the SmartWay Transport programs, as appropriate.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Developed and submitted a Diesel Emissions Reduction Act (DERA) grant application on 6/23/08</b> for a truck stop electrification (TSE) project at the Smyrna Rest Stop</li> </ul>	<ul style="list-style-type: none"> <li>• 2010</li> </ul>
<ul style="list-style-type: none"> <li>• Continue to monitor the initial DE alternative power unit grantees results.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Awarded</b> grants to two companies for installation of APUs on diesel-powered tractor trailer trucks</li> </ul>	---
<ul style="list-style-type: none"> <li>• Insure continued or improved compliance of stationary sources.</li> </ul>		
<ul style="list-style-type: none"> <li>• Perform full compliance evaluations (FCEs) at all major and synthetic minor air toxics sources in accordance with the 6/29/07 compliance monitoring plan by 9/30/08.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed 11 of 19 FCEs</b> for air toxics facilities in the 2008-9 compliance monitoring plan</li> </ul>	---
<ul style="list-style-type: none"> <li>• Inspect 25% of the dry cleaning facilities.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed 37 compliance evaluations</b> (or ~45% of total population) in 2008</li> </ul>	---
<ul style="list-style-type: none"> <li>• Perform full compliance evaluations (FCEs) at all non-dry cleaning area air toxics sources during the 2008-9 time periods.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed 2 of 5 FCE's</b> for area source air toxics facilities scheduled for inspection in 2008-09</li> </ul>	---
<ul style="list-style-type: none"> <li>• Inspect 25% of the auto body refinishing shops.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed 59 consultation visits</b> (or ~37% of the total population) in 2008</li> <li>• Provided compliance assistance information associated with 40 CFR Part 63 Subpart HHHHHH during consultation visits</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> </ul>

Continued on next page

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<b>2008</b>		
<ul style="list-style-type: none"> <li>• Insure continued or improved compliance of stationary sources – continued.</li> <li>• Inspect 10% of the of the gasoline delivery vessels.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed perceptible leak tests</b> during delivery transfers at gasoline stations for ~30 GDVs (or ~5% of the permitted GDVs) in 2008</li> <li>• Continued to provide compliance assistance to GDV fleet owners in meeting annual testing and permitting requirements</li> </ul>	<p style="text-align: center;">- - -</p> <ul style="list-style-type: none"> <li>• Ongoing</li> </ul>
<ul style="list-style-type: none"> <li>• Finalize and issue revised dry cleaner operating permits containing residual risk requirements.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed updating of permit conditions in 5/08</b></li> <li>• <b>Sent out</b> form for notification of compliance status and application for permit revision in 6/08</li> <li>• Revising operating permits upon successful completion of compliance evaluations</li> </ul>	<p style="text-align: center;">- - -</p> <p style="text-align: center;">- - -</p> <ul style="list-style-type: none"> <li>• Ongoing</li> </ul>
<ul style="list-style-type: none"> <li>• Continue to implement the dry cleaner compliance assistance program for the residual risk requirements consisting of the following:               <ul style="list-style-type: none"> <li>• Revised AQM Compliance Calendar.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>Revisions completed on 3/19/08</b></li> <li>• Distributing compliance calendars as part of compliance assistance program</li> </ul>	<p style="text-align: center;">- - -</p> <ul style="list-style-type: none"> <li>• Ongoing</li> </ul>
<ul style="list-style-type: none"> <li>• Development of a dry cleaning compliance website.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed assessment of website</b> and determined existing website adequately met needs; no revisions are planned</li> </ul>	<p style="text-align: center;">- - -</p>
<ul style="list-style-type: none"> <li>• On-site inspections and consultations.</li> </ul>	<ul style="list-style-type: none"> <li>• Providing compliance assistance on the new residual risk requirements, which took effect in 7/08, during compliance evaluations</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> </ul>
<ul style="list-style-type: none"> <li>• Incorporating updated MACT requirements in air permits.               <ul style="list-style-type: none"> <li>• Renew expiring Title V permits to incorporate newly promulgated MACT and Residual Risk standards, as needed.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Incorporated MON requirements during renewal of CIBA permit</li> </ul>	<p style="text-align: center;">- - -</p>
<ul style="list-style-type: none"> <li>• Reopen Title V permits for cause to incorporate promulgated MACT and Residual Risk standards consistent with the requirements of Regulation No. 30, as needed.</li> </ul>	<ul style="list-style-type: none"> <li>• No Title V permits needed reopening for 112 Standards</li> </ul>	<p style="text-align: center;">- - -</p>

Continued on next page

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<p style="text-align: center;"><b>Implement appropriate actions to reduce the harm from exposure to air toxics – cont.</b></p> <p><b>2008</b></p> <ul style="list-style-type: none"> <li>• Insure continued or improved compliance of stationary sources – continued               <ul style="list-style-type: none"> <li>• As new area source standards are proposed and finalized by EPA, develop listings of affected sources, if appropriate.</li> </ul> </li> <li>• Develop a compliance assistance program by 12/31/08 for sources that will be affected by future adoption of the area source paint stripping and coating standard (Subpart HHHHHH) into Reg. 1138.</li> <li>• Provide support, if warranted, during the adoption of the area sources gasoline distribution standard (Subpart BBBB).  <b>Note:</b> The Sub BBBB, noted above, was finalized in 2008 as Sub BBBB and Sub CCCCC</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed a listing of potential affected source in 3/08</b> for the surface coating of mobile sources, which are subject to 40 CFR Part 40 Subpart HHHHHH</li> <li>• Development under way; initial meeting held on May 29, 2008</li> <li>• Commenced providing relevant information on Federal rule to auto body shops during consultation visits</li> <li>• Continuing to provide support during the development of the regulatory strategy</li> <li>• No regulatory activity has been initiated to date</li> </ul>	<p style="text-align: center;">- - -</p> <ul style="list-style-type: none"> <li>• 2010</li> <li>• Ongoing</li> <li>• 2009</li> <li>• 2009</li> </ul>
<ul style="list-style-type: none"> <li>• Implement other air toxics-related communications and outreach programs.               <ul style="list-style-type: none"> <li>• Continue to conduct anti-idling outreach programs for schools and the trucking industry and report status to EPA R3, as appropriate.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed school-related outreaches</b> <ul style="list-style-type: none"> <li>• At Bellevue State Park associated with New Castle Counties Safe Kids Day on 4/19</li> <li>• At AstraZeneca associated with Earth Day on 4/22</li> <li>• At Heritage Elementary School associated with diesel retrofit grant announcement on 5/28</li> <li>• At Claymont Community Center associated with Claymont’s Green Day on 6/14</li> </ul> </li> <li>• Identified new information channel (DAWM’s “Air and Waste Matters”) to communicate with the public</li> <li>• No truck-related outreach activity in 2008</li> </ul>	<p style="text-align: center;">- - -</p> <ul style="list-style-type: none"> <li>• Ongoing</li> <li>• Unk</li> </ul>

Continued on next page

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>Implement appropriate actions to reduce the harm from exposure to air toxics – cont.</b>	<b>12/31/08 Status</b>	<b>Expected Completion</b>	
<b>2008</b>	<ul style="list-style-type: none"> <li>• Implement other air toxics-related communications and outreach programs – continued</li> </ul>			
	<ul style="list-style-type: none"> <li>• Implement at least one new opportunity to increase the public awareness of actions that the public can take to reduce their risk exposure to air toxics, including appropriate P2 programs.</li> </ul>			
	<ul style="list-style-type: none"> <li>• DATAS Phase II Report Release.</li> </ul>	<ul style="list-style-type: none"> <li>• DATAS Phase II finding were not released in 2008</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>	
	<ul style="list-style-type: none"> <li>• Anti-idling education and outreach.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed on June 14;</b> Alex Hense provided a communication on implementation of Pollution Prevention’s 2008APU grants that was incorporated into the DNREC/EPA exhibit at the Claymont Green Day event</li> </ul>	---	
	<ul style="list-style-type: none"> <li>• Implement school environmental programs outreach project. Incorporate anti-idling regulation and other air toxics issues.</li> </ul>			
	<ul style="list-style-type: none"> <li>• Continue implementation of the <u>Drivers Stop Your Engines</u> outreach program.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed in April;</b> all displays and educational materials delivered to AQM</li> </ul>	---	
	<ul style="list-style-type: none"> <li>• Continue to collaborate with other DNREC agencies on educational outreach activities associated with promoting anti-idling for school buses.</li> </ul>	<ul style="list-style-type: none"> <li>• Provided a communication on implementation of APU grant that was incorporated into the DNREC/EPA exhibit at the June 14 Claymont Green Day event</li> </ul>	---	
		<ul style="list-style-type: none"> <li>• <b>Completed overview of APU activities</b> as part of the 2008 Small Business Report, which will be incorporated into the SBAP website</li> </ul>	---	
		<ul style="list-style-type: none"> <li>• Develop and begin to carryout a public outreach associated with the implementation of the enhanced low inspection and maintenance program in Sussex County.</li> </ul>	<ul style="list-style-type: none"> <li>• On hold pending completion of amendment to Regulation 1131</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
		<ul style="list-style-type: none"> <li>• Continue to provide outreach and education support for Area Sources’ dry cleaning compliance assistance program.</li> </ul>	<ul style="list-style-type: none"> <li>• No outreach support requested during this period</li> </ul>	<ul style="list-style-type: none"> <li>• Unk</li> </ul>
<b>NEW</b>	<ul style="list-style-type: none"> <li>• Provided technical assistance on a public outreach associated with AQM’s “Community Air Toxics” study conducted at Coast Day on 10/5.</li> </ul>	<ul style="list-style-type: none"> <li>• Completed on 10/3</li> </ul>	---	
<b>NEW</b>	<ul style="list-style-type: none"> <li>• Conducted a public outreach providing the background and objectives of the “Community Air Toxic” study at the Coast Day Exposition.</li> </ul>	<ul style="list-style-type: none"> <li>• Completed on 10/5/08</li> </ul>	---	

Continued on next page

“New” designates activities commenced in 2008 that were not included in the final 2008 Air Toxics Strategic Plan.

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<b>Implement appropriate actions to reduce the harm from exposure to air toxics – cont.</b>		
<b>2008</b> • Implement other air toxics-related communications and outreach programs – continued		
• Continue to participate in community/industrial air toxics outreaches and evaluate new opportunities.		
• Claymont Coalition.	• Continued participation throughout 2008	• Ongoing
• Claymont Industrial Partnership Initiative.	• Participated in all partnership meetings	• Ongoing
• Explore new outreach opportunities.	• No new opportunities were identified during 2008	---
• Continue to participate in community/industrial air toxics outreaches and evaluate new opportunities.		
• Continue to support Engineering and Compliance’s community/industrial air toxics outreach programs.	• No outreach support requested during this period	• Unk
• Implement education and outreach programs associated with the revised open burning requirements by 5/1/08.	• <b>Establish prominent “notice”</b> on DNREC web site and dedicated page on DAWM web site	---
	• <b>Issued</b> press release and participated in a public service announcement on WHYY	---
	• <b>Completed training of the Environmental Protection Officers</b> on revised rule requirements	---
	• <b>Completed open burning educational outreaches</b> at	---
	• Delaware State Fair Week (7/08)	
	• Coast Day Exposition (10/08)	
	• Commenced upgrading the open burning website	• 2009
	• Streamlining access to provide more reliable information	
	• Revising available forms to a single notification form	
	• No opportunities identified during this period	• Ongoing
• Continue to work with other State agencies including DPH on air toxics communications and outreaches.		

Continued on next page

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

<b>Implement appropriate actions to reduce the harm from exposure to air toxics – cont.</b>	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<ul style="list-style-type: none"> <li>• Provide support to Small Businesses on air toxics related issues.</li> </ul>		---
<ul style="list-style-type: none"> <li>• Provide assistance to participants of DE-PA-MARAMA auxiliary power unit (APU) grant in finalizing project reports by 5/31/08.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed on 5/31/08</b></li> </ul>	---
<ul style="list-style-type: none"> <li>• Continue to encourage new participation and to provide assistance to Delaware marinas in obtaining voluntary compliance certification under the Clean Marina program.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Provided assistance to Delaware marinas</b> through                             <ul style="list-style-type: none"> <li>• Participation in the April 2 Clean Marina Expo</li> <li>• Participation in newly certified marinas presentation on April 29, Sept. 17, and Nov. 7</li> </ul> </li> <li>• Conducting marina certification inspections</li> </ul>	--- --- • Ongoing
<ul style="list-style-type: none"> <li>• Identify and pursue potential joint opportunities with the industry and other agencies as a possible option to regulatory requirements that will reduce risk from exposure to air toxics. Potential new areas include:                             <ul style="list-style-type: none"> <li>• Mercury exchange P2 program.</li> <li>• Claymont Industry Partnership Initiative.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• No activity this period</li> <li>• <b>Provided outreach support</b> to the Claymont Industry Partnership Initiative's combined outreach at the Claymont Green Day event</li> </ul>	• Unk • Ongoing
<ul style="list-style-type: none"> <li>• Implement at least one new opportunity to increase small business awareness of actions that small businesses can take to reduce risk from exposure to air toxics including regulatory and P2 programs.                             <ul style="list-style-type: none"> <li>• Explore additional auxiliary power unit (APU) opportunities.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed in January 2008</b> <ul style="list-style-type: none"> <li>• Encouraged interested parties to apply for APU funding through the P2 mini grant by mailing them letters informing them of the opportunity</li> <li>• Met with APU grantee when grant was awarded to help complete paperwork</li> </ul> </li> </ul>	---

Continued on next page

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<b>Implement appropriate actions to reduce the harm from exposure to air toxics – cont.</b>		
<b>2008</b> <ul style="list-style-type: none"> <li>• Continue to coordinate implementation of area source protocol when area source standards are promulgated.               <ul style="list-style-type: none"> <li>• Two sets of area source standards (20 total are expected) are projected to be promulgated in 2008.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Commenced implementation of development strategy for 40 CFR Part 63 Sub HHHHHH (Cleaning &amp; Misc Coatings GACT)</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
<ul style="list-style-type: none"> <li>• Update and submit to EPA Region 3, if required, the area source plan for adoption, delegation, and/or implementation for existing and newly promulgated area source MACT rules.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Submitted on 3/31/08</b> an inventory of affected area sources for all existing area source standards and for federal standards promulgated in 3Q &amp; 4Q/07 and in 1Q/08</li> <li>• <b>Submitted on 9/24/08</b> a revised inventory including affected area sources for federal standards promulgated in 2Q &amp; 3Q/08</li> </ul>	<p style="text-align: center;">- - -</p> <p style="text-align: center;">- - -</p>
<ul style="list-style-type: none"> <li>• Implement a “Smoking Vehicle Reduction Program”.</li> </ul>		
<ul style="list-style-type: none"> <li>• Continue to maintain diesel emissions opacity instrumentation training program.</li> </ul>	<ul style="list-style-type: none"> <li>• Provided staff resources to commence implementation</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> </ul>
<ul style="list-style-type: none"> <li>• Develop and produce outreach materials and program to support baseline testing of smoking vehicle by 12/31/08.</li> </ul>	<ul style="list-style-type: none"> <li>• No activity this period – On Hold</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
<ul style="list-style-type: none"> <li>• Complete annual I/M report and submit report to EPA R3, if appropriate.</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted annual I/M report to EPA in 9/08</li> </ul>	<p style="text-align: center;">- - -</p>
<ul style="list-style-type: none"> <li>• Assist Brandywine school district with installation of diesel retrofits.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed retrofits</b> of school busses in 11/08</li> </ul>	<p style="text-align: center;">- - -</p>
<ul style="list-style-type: none"> <li>• Facilitate the implementation of diesel retrofits.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed diesel retrofits</b> for DART busses in 3Q/08</li> <li>• <b>Completed diesel retrofits</b> for Red Clay School District busses in 4Q/08</li> <li>• Commenced implementation of diesel retrofits at Port of Wilmington in 10/08</li> </ul>	<p style="text-align: center;">- - -</p> <p style="text-align: center;">- - -</p> <ul style="list-style-type: none"> <li>• 2Q/09</li> </ul>

Continued on next page

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<b>2008</b>		
<ul style="list-style-type: none"> <li>• Adopt new and amend existing air toxics regulations for mobile and stationary sources.</li> </ul>		
<ul style="list-style-type: none"> <li>• Adopting new air toxics rules, as identified.</li> </ul>		
<ul style="list-style-type: none"> <li>• Adopt new Smoking Vehicle regulation by 12/31/08.</li> </ul>	<ul style="list-style-type: none"> <li>• Initial draft completed</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
<ul style="list-style-type: none"> <li>• Adopt Delaware applicable area source standards under Section 112(k) into Regulation 38 prior to federal existing source compliance dates.</li> </ul>		
<ul style="list-style-type: none"> <li>• Adopt Subpart PPPPPP (Lead Battery Manufacture) by December 31, 2008.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed on 10/1/08</b></li> </ul>	---
<ul style="list-style-type: none"> <li>• Amend General Provisions (Subpart A) of Regulation 1138 for selective changes in federal requirements by December 31, 2008.</li> </ul>	<ul style="list-style-type: none"> <li>• No activity this period (low priority)</li> </ul>	<ul style="list-style-type: none"> <li>• 2Q/11</li> </ul>
<ul style="list-style-type: none"> <li>• Submit Start Action Notice for Subpart WWWW (Hospital Ethylene Oxide Sterilizers) by December 31, 2008.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Start Action Notice approved</b></li> </ul>	---
<ul style="list-style-type: none"> <li>• Submit Start Action Notice for Subpart YYYYY (Electric Arc Furnaces) by December 31, 2008.</li> </ul>	<ul style="list-style-type: none"> <li>• Public Hearing held on 12/3/08</li> </ul>	---
<ul style="list-style-type: none"> <li>• Submit Start Action Notice for Subpart YYYYY (Electric Arc Furnaces) by December 31, 2008.</li> </ul>	<ul style="list-style-type: none"> <li>• Finalize rule</li> </ul>	<ul style="list-style-type: none"> <li>• 2/09</li> </ul>
<ul style="list-style-type: none"> <li>• Submit Start Action Notice for Subpart YYYYY (Electric Arc Furnaces) by December 31, 2008.</li> </ul>	<ul style="list-style-type: none"> <li>• Subpart YYYYY requirements will be incorporated into Claymont Steel Title V permit upon renewal</li> </ul>	<ul style="list-style-type: none"> <li>• 12/09</li> </ul>
<ul style="list-style-type: none"> <li>• Submit Start Action Notice(s) for Subparts BBBBBB and CCCCCC (Gasoline Distribution Infrastructure/Dispensing) by December 31, 2008.</li> </ul>	<ul style="list-style-type: none"> <li>• Preparatory rulemaking strategy is under consideration</li> </ul>	<ul style="list-style-type: none"> <li>• 12/09</li> </ul>
<ul style="list-style-type: none"> <li>• Submit Start Action Notice for Subpart HHHHHH (Paint Stripping/Auto Body Coating) by December 31, 2008.</li> </ul>	<ul style="list-style-type: none"> <li>• Commenced implementation of rule development strategy in 8/08</li> </ul>	<ul style="list-style-type: none"> <li>• 6/09</li> </ul>
<ul style="list-style-type: none"> <li>• Amending existing air toxics rules.</li> </ul>		
<ul style="list-style-type: none"> <li>• Amend Regulation 31 to expand the low enhanced inspection and maintenance program to include Sussex County by 12/31/08.</li> </ul>	<ul style="list-style-type: none"> <li>• Discussions continued between Div. of Motor Vehicles and DNREC</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> </ul>
<ul style="list-style-type: none"> <li>• Amend Regulation 1141 by updating and adding requirements for Consumer and Commercial Products.</li> </ul>		
<ul style="list-style-type: none"> <li>• Amend Regulation 41 by amending Section 2 (Consumer Products) by 9/30/08.</li> </ul>	<ul style="list-style-type: none"> <li>• Public hearing scheduled for 1/28/09</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
<ul style="list-style-type: none"> <li>• Amend Regulation 41 by adopting a new Section (Adhesives and Sealants) by 9/30/08.</li> </ul>	<ul style="list-style-type: none"> <li>• Public hearing scheduled for 1/28/09</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
<ul style="list-style-type: none"> <li>• Adopt applicable area source residual risk standards into Regulation 38 prior to federal existing source compliance dates.</li> </ul>		
<ul style="list-style-type: none"> <li>• Complete amendment of Subpart M (Dry Cleaners) for residual risk standard and title V permitting changes by 5/31/08.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed on 5/1/08</b></li> </ul>	---
<ul style="list-style-type: none"> <li>• Submit Start Action Notice for Subpart T (Halogenated Solvent Degreasers) by December 31, 2008.</li> </ul>	<ul style="list-style-type: none"> <li>• No activity this period; postponed pending appeal</li> </ul>	<ul style="list-style-type: none"> <li>• 12/09</li> </ul>

Continued on next page

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<b>2008</b>		
<ul style="list-style-type: none"> <li>• Adopt new and amend existing air toxics regulations for mobile and stationary sources – continued.               <ul style="list-style-type: none"> <li>• As each residual risk and area source standard is being developed, evaluate the need for and implement outreach or education activities, if appropriate.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Two area source and one residual risk standards were under development in 2008; determined that outreach wasn't warranted</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> </ul>
<ul style="list-style-type: none"> <li>• Continue working with AQM to educate Drycleaners about new residual risk standard and changes to the air permits by 9/30/08.</li> </ul>	<ul style="list-style-type: none"> <li>• In May, coordinated DNREC and Pennsylvania Delaware Cleaners Assn distribution of notification of compliance status forms</li> <li>• <b>Completed permit and risk-related assistance</b> to owners of dry cleaning facilities through fielding phone calls and personal visits in 11/08</li> </ul>	<ul style="list-style-type: none"> <li style="text-align: center;">- - -</li> <li style="text-align: center;">- - -</li> </ul>
<ul style="list-style-type: none"> <li>• As regulations, especially area source standards, are promulgated, evaluate the role of the ombudsman to facilitate interactions between AQM and small businesses.</li> </ul>		
<ul style="list-style-type: none"> <li>• Paint stripping and miscellaneous coating at area sources (Subpart HHHHHH includes auto body shops).</li> </ul>	<ul style="list-style-type: none"> <li>• Commenced taking active role during development of this standard in 8/08</li> </ul>	<ul style="list-style-type: none"> <li>• 2010</li> </ul>
<ul style="list-style-type: none"> <li>• Gasoline distribution at area sources (Subpart BBBBBB includes gasoline stations).</li> </ul>	<ul style="list-style-type: none"> <li>• Waiting for development of standard to begin</li> </ul>	<ul style="list-style-type: none"> <li>• Unk</li> </ul>
<ul style="list-style-type: none"> <li>• Electric arc furnace steelmaking facilities at area sources (Subpart YYYYYY) from scrap steel suppliers' perspective.</li> </ul>	<ul style="list-style-type: none"> <li>• Waiting for Title V permit renewal process to begin</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
<ul style="list-style-type: none"> <li>• If warranted, prepare delegation packages and request delegation of authority for changes adopted for area source standards in Regulation 1138.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Submitted delegation request</b> for the dry cleaner residual risk requirements in 40 CFR Part 63 Subpart M in 9/08</li> <li>• <b>Prepared delegation request package</b> for lead acid battery GACT standard in 40 CFR Part 63 Subpart P P P P P P</li> </ul>	<ul style="list-style-type: none"> <li style="text-align: center;">- - -</li> <li>• 3/09</li> </ul>
<ul style="list-style-type: none"> <li>• Continue working with the Delaware Automobile and Truck Recycler's Association to provide pollution prevention perspectives and support for DNREC's environmental program for salvage yards</li> </ul>	<ul style="list-style-type: none"> <li>• Continued to maintain open communication pathways with the DATRA and its members</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> </ul>
<ul style="list-style-type: none"> <li>• Pursue potential joint outreach/educational opportunities with the Delaware Energy Office .</li> </ul>	<ul style="list-style-type: none"> <li>• Initiated discussion with the DEO to identify mutually-beneficial opportunities</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> </ul>

Continued on next page

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<p><b>2008</b></p> <p style="text-align: center;"><b>Implement appropriate actions to reduce the harm from exposure to air toxics – cont.</b></p> <ul style="list-style-type: none"> <li>• Continue to identify and implement energy efficiency programs for the residential and commercial sectors. Energy efficiency programs include:               <ul style="list-style-type: none"> <li>• Energy efficiency/conservation education, outreach, technical assistance.</li> </ul> </li> </ul> <hr style="border-top: 1px dashed black;"/> <ul style="list-style-type: none"> <li>• Energy An\$wers Program               <ul style="list-style-type: none"> <li>• Home Appliances</li> </ul> </li> </ul> <hr style="border-top: 1px dashed black;"/> <ul style="list-style-type: none"> <li>• Business</li> </ul> <hr style="border-top: 1px dashed black;"/> <ul style="list-style-type: none"> <li>• Home Performance with Energy Star Program</li> </ul> <hr style="border-top: 1px dashed black;"/> <ul style="list-style-type: none"> <li>• Sustainable Energy Utility - SEU</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed energy-related outreaches</b> <ul style="list-style-type: none"> <li>• Delaware Home Show on 3/8-9</li> <li>• Great Green Expo on 3/29</li> <li>• Multiple Earth Day outreaches on 4/22</li> <li>• Delaware State Fair on 7/23</li> <li>• Delaware Electric Cooperative’s Annual Meeting on 8/5</li> <li>• Coast Day on 10/5</li> <li>• Delaware Home Show on 10/19-20</li> </ul> </li> </ul> <hr style="border-top: 1px dashed black;"/> <ul style="list-style-type: none"> <li>• <b>Grant application period closed on 5/30</b></li> <li>• Application being processed</li> </ul> <hr style="border-top: 1px dashed black;"/> <ul style="list-style-type: none"> <li>• <b>Grant application period closed on 3/31</b></li> <li>• Installation of approved projects still in progress</li> </ul> <hr style="border-top: 1px dashed black;"/> <ul style="list-style-type: none"> <li>• <b>Trained and certified</b> initial class of Energy Auditors</li> <li>• Commenced implement of program in 3Q/08</li> </ul> <hr style="border-top: 1px dashed black;"/> <ul style="list-style-type: none"> <li>• <b>Developed RFP</b> for Contract Administrator and Fiscal Agent</li> <li>• Released RFP for Contract Administrator on 8/1</li> <li>• Hire Contract Administrator</li> </ul>	<p style="text-align: center;">---</p> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;">---</p> <ul style="list-style-type: none"> <li>• 3/09</li> </ul> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;">---</p> <ul style="list-style-type: none"> <li>• 3/09</li> </ul> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;">---</p> <ul style="list-style-type: none"> <li>• Ongoing</li> </ul> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;">---</p> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;">---</p> <ul style="list-style-type: none"> <li>• 2/09</li> </ul>

Continued on next page

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<b>Implement appropriate actions to reduce the harm from exposure to air toxics – cont.</b>		
<b>2008</b>	<ul style="list-style-type: none"> <li>• Continue to identify and implement state facilities energy programs. State facilities energy programs include:</li> </ul>	
	<ul style="list-style-type: none"> <li>• Utility Accounting</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> </ul>
	<ul style="list-style-type: none"> <li>• Energy Saving Performance Contracting</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> <li>• 2009</li> </ul>
	<ul style="list-style-type: none"> <li>• Continue to identify and implement state facilities energy programs. State facilities energy programs include:</li> </ul>	
	<ul style="list-style-type: none"> <li>• Electricity Procurement</li> </ul>	<ul style="list-style-type: none"> <li>• In second year of 3-year contract</li> <li>• 2009</li> </ul>
	<ul style="list-style-type: none"> <li>• Energy Executive Order</li> </ul>	<ul style="list-style-type: none"> <li>• Finalized draft of Executive Order in 12/08</li> <li>• 2009</li> </ul>
	<ul style="list-style-type: none"> <li>• Continue to identify and implement renewable and advanced energy technologies. Renewable and advanced technologies include:</li> </ul>	
	<ul style="list-style-type: none"> <li>• Green Energy Program</li> </ul>	
	<ul style="list-style-type: none"> <li>• Photovoltaic Electric</li> </ul>	<ul style="list-style-type: none"> <li>• Awarded 93 grants for \$3,043,440</li> <li>• Ongoing</li> </ul>
	<ul style="list-style-type: none"> <li>• Photovoltaic Hot Water</li> </ul>	<ul style="list-style-type: none"> <li>• Awarded 8 grants for \$24,000</li> <li>• Ongoing</li> </ul>
	<ul style="list-style-type: none"> <li>• Geothermal</li> </ul>	<ul style="list-style-type: none"> <li>• Awarded 41 grants for \$108,900</li> <li>• Ongoing</li> </ul>
	<ul style="list-style-type: none"> <li>• Wind</li> </ul>	<ul style="list-style-type: none"> <li>• Awarded 4 grants for \$21,000</li> <li>• Ongoing</li> </ul>
	<ul style="list-style-type: none"> <li>• Technology Demonstration/Research &amp; Development Grant Program</li> </ul>	<ul style="list-style-type: none"> <li>• Awarded 3 grants</li> <li>• Ongoing</li> </ul>
	<ul style="list-style-type: none"> <li>• Renewable Portfolio Goals</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> <li>• Ongoing</li> </ul>
	<ul style="list-style-type: none"> <li>• Continue to identify and implement transportation programs. Transportation programs include:</li> </ul>	
	<ul style="list-style-type: none"> <li>• Clean State Program – focusing on greater use of alternative transportation fuels</li> </ul>	<ul style="list-style-type: none"> <li>• Continued project management activities for the Clean State Grant</li> <li>• Ongoing</li> </ul>

Continued on next page

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<b>2008</b>		
<ul style="list-style-type: none"> <li>• Continue to provide air toxics-related support to State through. . .</li> </ul>		
<ul style="list-style-type: none"> <li>• Reviewing of air permits.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed review and made recommendations</b> for revisions of the perchloroethylene dry cleaning operating permit</li> </ul>	---
<ul style="list-style-type: none"> <li>• Providing current regulatory interpretations.</li> </ul>	<ul style="list-style-type: none"> <li>• Provided support to Air Surveillance on EPA’s adoption of the revised Pb NAAQS</li> <li>• <b>Completed review and made recommendations</b> for proposed revisions to the Open Burning regulation</li> </ul>	---
<ul style="list-style-type: none"> <li>• Advising on likely future trends and actions.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Provided insights</b> to E&amp;C and management on large wave of EPA promulgated area source standards and on NACAA’s boiler guidance development</li> </ul>	---
<ul style="list-style-type: none"> <li>• Provide technical support, as needed, to . . .</li> <li>• Area Source Compliance Group for revising Reg. 1102 Dry Cleaning compliance tools incorporating the new residual risk requirements.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed the 5- year compliance calendar on 3/19/08</b></li> </ul>	---
<ul style="list-style-type: none"> <li>• Engineering &amp; Compliance Branch in their implementation of the “Boiler MACT” case-by-case MACT determinations under Section 4.0 of Reg. 1138 (MACT Hammer).</li> </ul>	<ul style="list-style-type: none"> <li>• Providing technical support to E&amp;C on developing path forward</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
<ul style="list-style-type: none"> <li>• Engineering &amp; Compliance Branch in their implementation of the “PVC” case-by-case MACT determinations under Section 4.0 of Reg. 1138 (MACT Hammer).</li> </ul>	<ul style="list-style-type: none"> <li>• Providing technical support, when needed, to E&amp;C</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>Evaluate the effectiveness of the actions taken to reduce harm from exposure to air toxics</b>	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<b>2008</b>	<ul style="list-style-type: none"> <li>• Monitor, pending network review to meet changing resources, for Carbonyls and metals at one (1) air toxic monitoring station and VOCs at two (2) air toxic monitoring stations and report status of monitoring activities to EPA R3, as appropriate.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed VOC and Carbonyl</b> per the 2008 monitoring plan</li> <li>• Metals monitoring was limited to ~7 months, as indicated below</li> <li>• <b>Resumed metals monitoring</b> at one air toxics monitoring site in September after 5 month suspension due to difficulties experienced at the EPA analytical contractor</li> <li>• <b>Submitted</b> all quarterly status reports to EPA</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> <li>• Ongoing</li> <li style="text-align: center;">- - -</li> <li>• Ongoing</li> </ul>
	<ul style="list-style-type: none"> <li>• Track the emissions of air toxics of concern from significant sources contributing to elevated risks of exposure to air toxics.</li> </ul>	<ul style="list-style-type: none"> <li>• Commenced review and assessment of lead emission inventories</li> </ul>	<ul style="list-style-type: none"> <li>• 2009</li> </ul>
	<ul style="list-style-type: none"> <li>• Continue to look for and track, if found, appropriate “air toxics indicators” to gauge progress in reducing air toxics.</li> </ul>	<ul style="list-style-type: none"> <li>• No new mechanisms found in 2008</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing</li> </ul>
	<ul style="list-style-type: none"> <li>• Complete 2005 HAPs emissions inventory to the extent there is information available by 6/08.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed the point source and on-road mobile source inventories</b></li> <li>• Non-road mobile and non-point area source inventories are ON HOLD due to limited of resources</li> </ul>	<ul style="list-style-type: none"> <li style="text-align: center;">- - -</li> <li>• 2009</li> </ul>
	<ul style="list-style-type: none"> <li>• By September, complete a self-assessment of major stationary source air toxics reduction and outreach programs undertaken or in progress to determine effectiveness, impacts, and improvements. Incorporate results into the respective programs.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Completed minor organization restructuring</b> and adjustment in protocols to better address the Air Toxics Area Source Program during 4Q/08</li> <li>• Determined that no major changes were needed at this time</li> </ul>	<ul style="list-style-type: none"> <li style="text-align: center;">- - -</li> <li>• Ongoing</li> </ul>
	<ul style="list-style-type: none"> <li>• By September, complete a self-assessment of major mobile source air toxics reduction and education programs undertaken or in progress to determine effectiveness, impacts, and improvements. Incorporate results into the respective programs.</li> </ul>		
	<ul style="list-style-type: none"> <li>• School and trucking industry anti-idling outreach programs.</li> </ul>	<ul style="list-style-type: none"> <li>• No need to change outreach programs identified</li> </ul>	<ul style="list-style-type: none"> <li style="text-align: center;">- - -</li> </ul>
	<ul style="list-style-type: none"> <li>• Anti-idling compliance and enforcement program.</li> </ul>	<ul style="list-style-type: none"> <li>• No self-assessment made</li> </ul>	<ul style="list-style-type: none"> <li style="text-align: center;">- - -</li> </ul>

## 2008 Air Toxics Strategic Plan – Year-end Detailed Status

	<b>Air toxics resource development</b>	<b>12/31/08 Status</b>	<b>Expected Completion</b>
<b>2008</b>	<ul style="list-style-type: none"> <li>• Evaluate available training and encourage broader participation in risk-related training.</li> </ul>		
	<ul style="list-style-type: none"> <li>• Continue to identify air toxics related training, workshops and forums; encourage participation, when appropriate.</li> </ul>	<ul style="list-style-type: none"> <li>• Successfully encouraged attendance at the September MARAMA/ EPA Region 3 workshop</li> </ul>	- - -
	<ul style="list-style-type: none"> <li>• Participate in national and EPA air dispersion modeling programs or training specific to air toxics characterization.</li> </ul>	<ul style="list-style-type: none"> <li>• Continued to collaborate with EPA’s Office of Research and Development on modeling of Sub-Grid Scale Variability (SGV) characterizations and its application to human exposure assessments</li> </ul>	• Ongoing
	<ul style="list-style-type: none"> <li>• Evaluate the need for air toxics-related training for staff and present, as needed.</li> </ul>	<ul style="list-style-type: none"> <li>• Nine (9) permit engineers and managers attended the MARAMA-ICAC “Advances in Air Pollution Control Technologies Workshop” on 7/9 &amp; 7/10</li> <li>• Ten (10) permit engineers and managers attended the MARAMA “Health Effects Workshop” on 11/6 &amp; 11/7</li> <li>• Determined that the MARAMA-Region 3 “Air Toxics Workshop” did not offer a permitting/ compliance focus applicable to Delaware sources</li> </ul>	- - -
	<ul style="list-style-type: none"> <li>• Determine if recently promulgated air toxics standards (MACT, Residual Risk or Area Source GACT) should be presented to staff.</li> </ul>	<ul style="list-style-type: none"> <li>• No recently promulgated standards needed presentation</li> </ul>	- - -
	<ul style="list-style-type: none"> <li>• Continue to assist in identifying resources and funding needed to implement communications and outreach programs.</li> </ul>	<ul style="list-style-type: none"> <li>• No activity this period</li> </ul>	• Ongoing
	<ul style="list-style-type: none"> <li>• Develop and implement mechanisms to improve air toxics communications.</li> </ul>		
	<ul style="list-style-type: none"> <li>• Continue searching for new mechanisms to improve air toxics communications between branches.</li> <li>• Continue to promote open communications between DNREC and small businesses on air toxics issues.</li> </ul>	<ul style="list-style-type: none"> <li>• No new mechanisms found in 2008</li> <li>• Promoted improved communications between marina owners, dry cleaners and trucking companies</li> <li>• <b>Completed a pollution prevention outreach</b>, including air toxics, during State Fair Week (7/08)</li> </ul>	• Ongoing • Ongoing - - -