

US EPA ARCHIVE DOCUMENT

Shreveport-Bossier City Metropolitan Statistical Area

Early Action Compact Progress Report

December 31, 2005

Prepared for
U.S. Environmental Protection Agency
Region 6
Dallas, Texas

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1. Introduction

The U.S. Environmental Protection Agency (EPA) requires signatories of Early Action Compacts (EAC) to prepare a progress report every six months that describes the progress made to date against the EAC milestones. This progress report will summarize activities related to the Shreveport – Bossier City Metropolitan Statistical Area’s EAC during the period from July 1, 2005 through December 31, 2005.

2. Progress Toward Completion of 12/31/05 EAC Milestones

We are pleased to report that all EAC milestones have been fully implemented as planned. Attached is an excerpt from the tabular summary form prepared by EPA, with updated information on the status of each of the six control measures.

In 2006, focus will shift from implementation of the control measures to quantification of the emissions reductions being achieved.

3. Additional Updates

The Area continues to be in attainment of the 8 hour standard. Based on preliminary figures after the 2005 ozone season, current design values for the two local ozone monitors are 79 ppb and 77 ppb, well below the non-attainment threshold. No ozone action days were declared by the Louisiana Department of Environmental for the Area during the 2005 ozone season. Stakeholders were kept abreast of any pertinent issues during the period via e-mail, and no meetings were necessary. No updates or revisions to modeling, technical analyses, or planning activities occurred during the period.

The City of Shreveport is the government agency responsible for implementing the following control measures: landfill gas recovery project; energy conservation program; intelligent transportation systems implementation; and obtaining of the hybrid bus. The Louisiana Department of Environmental Quality has oversight, via permit, of emissions from the Centerpoint Energy natural gas processing plant and the General Motors plant.

Early Action Compacts December Progress Summary Table

A. Control Measure	B. Summary Description of Measure	C. Program/Measure Status	D. Specific Implementation Date	E. VOC Reduction	F. NOx Reduction	G. Resources (FTE's, \$\$)	H. Additional Information
2 Shreveport, LA							
Synchronize traffic lights	Intelligent Transportation Systems installed at 24 intersections to synchronize & improve traffic signal operations	Fully implemented	2003	0.048 TPD	0.01 TPD	sufficient	
GM plant to install new VOC abatement system	Implemented with introduction of new product line	Fully implemented	October, 2003	1.37 TPD	0	sufficient	
Natural gas processing plant-reduce Nox emissions by 90% and VOC emissions by 50%	Upgrade of plant's liquids processing facility by elimination of compressors & equipment from plant's refrigeration oil absorption process	Fully implemented	Nov. 2004	0.014 TPD	2.56 TPD	sufficient	
Gas collection system-solid waste landfill	Landfill gas is captured and piped to local General Motors facility for use as boiler fuel	Fully implemented	Nov. 2003	NQ	NQ	sufficient	
Energy conservation- 33 city buildings - over 20 year upgrade	Equipment includes lighting system, HVAC and thermostat upgrades	Fully implemented	2004	NQ	0.041 TPD	sufficient	
Purchase 1 hybrid electric bus	City added first hybrid electric bus in state to its fleet	Fully implemented	May, 2005	0	0.002 TPD	sufficient	
Comments: Methodology for control measures is provided in the Shreveport-Bossier Citey EAC Air Quality Improvement Plan, Appendix A, Table 7-3, pages 7-15.							