

Technical Projects for Victoria Fy 2008-2009

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Emission Inventory Development

Task 1.1 Special Emission Inventory Studies

PEMS sampling of in use emissions from

- 6 pieces of diesel construction equipment
- 1 railroad locomotives
- 3 gas compressors

Task 1.2 Emission Inventory Evaluation Studies

Use monitoring data collected from CAMS, canister sampling, airborne monitoring and surface mobile monitoring to evaluate the emissions inventories

Photochemical Modeling

Task 2.1 Update conceptual model for Victoria to include data for the 2007 and 2008 seasons

Task 2.2 Analyze Upper Air Data Obtained from the Radar Profiler sites located at New Braunfels and Beeville for 2005 and 2006

Task 2.3 Complete the development of the 2002 photochemical modeling episode for the Victoria area and use it to evaluate transport in the Victoria area

Task 2.4 Evaluation of industrial growth, emission inventory improvements and regional transport on Victoria air quality

Ambient Air Quality Monitoring, Data Assimilation and Data Analysis

Task 3.1 Sampling from mobile platforms

Surface mobile monitoring for VOC concentrations

Task 3.2 Analysis of VOC trends in the Victoria area

Collect VOC canister samples on 14 days

Questions?