

Proposed Technical Projects for Victoria Fy 2010-2011

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Emission Inventory Development

Task 1.1 Emission Inventory Development

Collect activity data for diesel equipment

- Utilities – backhoes/front end loader, dump trucks
- Street dept – gradall, dump trucks
- Knuckle boom recycling trucks
- Garbage trucks
- Wheeled loaders

Task 1.2 Emissions calculations

Use activity data in task 1.1 and PEMS data to calculate annual emissions

Photochemical Modeling

Task 2.1 Update conceptual model for Victoria to include data for the 2009 and 2010 seasons

Task 2.2 Develop a future years emissions inventory for modeling

Task 2.3 Evaluation of industrial growth, emission inventory improvements and regional transport on Victoria air quality

Task 2.4 Evaluation of future transport on the Victoria area

Task 2.5 Evaluation of future control strategies

Ambient Air Quality Monitoring, Data Assimilation and Data Analysis

Task 3.1 Routine ambient air monitoring at two sites

Task 3.2 Analysis of VOC trends in the Victoria area
Collect VOC canister samples on 7 days at 4 sites

Task 3.3 Hydrocarbon, NO_x and Ozone Flux Measurements with mobile sampling vehicle

Questions?