



Air Victoria Community and Technical Advisory Panels
2004 S. Laurent
October 27, 2010

Those in attendance: Harry Wagner Glenda Swierc David Kennebeck
Alan Migl Angie Sherman Tony Motal Ross Crysup
Shilo Monney Charles Kulow Jocelyn Mellberg Holly Brightwell
Bob Labonte Cyril Durrenberger Gary McGaughey Marie Lester
Kate Garcia Chris Jones

Marie Lester welcomed everyone and thanked Shilo for hosting the Air Victoria meeting in his new facility.

Marie Lester gave Air Victoria update:

- Air Quality budget
- Victoria ozone levels
 - Three year average for 4th highest is 65
- Air Victoria has 4 new team members
 - Texas Zoo
 - Wood's Body and Fender Shop
 - Local Motion
 - Frankie's Paint and Body Shop
- Marie Lester reviewed auto body workshop from April
 - 13 participants in HVLP spray gun exchange; 1,200 lbs VOC reduction
- EPA plans to lower ozone standards between 60-70, they will announce standards after October 31, 2010

Cyril Durrenberger reported on additional monitoring in 2010:

- Two new monitoring sites at Inez and Coletto Creek Power
 - Activated on August 27, 2010
 - Deactivate on November 15, 2010
- Ambient monitoring
 - Inez levels typically higher than CAMS87 or Coletto Creek Power
 - NOx doesn't correlate with high ozone

Alan Migl gave update on TxDOT Clean Air Plan:

- About 140 participants
- 50-60 carpool
- Participants can earn points towards hours off from work

Shilo Monney reported on Clean School Bus program:

- Three school districts participated last school year
- Converted about 60 buses which helps reduce emissions inside of buses
- Most school districts are interested in the program and are waiting to apply for funds with state department

Ross Crysup reported that International Power:

- Upgraded their steam turbine
- Maintenance conducted resulted in a 2% improvement in cycle efficiency
 - Burn less fuel for the same electrical output which, in effect, means less pollutant per Megawatt
 - Improved efficiency while dropping NOx and CO emissions at the same time (one of those win-win scenarios we really like to see!)

Gary McCaughey gave presentation on Ozone Conceptual Model:

- EPA lowering ozone standards
- TCEQ conceptual model guidance
- Ozone design values- since 2006 ozone levels have dropped
- Transport into Texas has been reduced- emission controls are making a difference

Cyril Durrenberger wrapped up the meeting with emissions inventory (EI) report and proposed technical projects:

- Conducted VOC canister sampling from 2005-2008
- Surface mobile sampling 2006-2009
- Compared data from samplings to predicted concentrations
- Surface mobile monitoring conducted around gas producing area
- Oil and gas production make significant contributions to VOC measured in Victoria urban area
- Chemical plants VOC emissions accurately reported in EI
- Victoria urban area ratios averaged 1.14
- Hallettsville ratio averaged 2.11- higher level more than likely due to oil and gas production sites and gas processing plants in area
- Total VOCs from CAMx compared to VOCs from canister sample
- Would like to monitor gasoline service stations
- Phase I work plan
 - Conceptual description
 - Ambient monitoring
 - EI review- bottom up, top down
 - Garbage truck load factors and NOx emission rates
- Phase II
 - Continue monitoring sites at Inez and Fannin
 - Analysis of VOCs trends
 - Sampling in May 2011
 - Surface mobile sampling
 - Evaluation of future transport on Victoria area
 - Heavy-duty vehicle emissions characterization
 - Estimation of architectural coatings emissions

Next meeting TBA