

DRAFT Minutes



Non-Point Source Project Team, Meeting #8

Date: Tuesday August 16, 2016
Place: CASA Offices, Edmonton

Time: 09:30 a.m. – 3:00 p.m.

In attendance:

Name	Stakeholder group
Tasha Blumenthal	Alberta Association of Municipal Districts & Counties (AAMDC)
Bill Calder	Prairie Acid Rain Coalition
Rhonda Lee Curran	Alberta Environment and Parks (AEP)
Matthew Dance	CASA
Keith Denman	CASA
Jim Hackett	ATCO
Rob Hoffman	Canadian Fuels Association (CFA)
Steve Marshman	Alberta Canola Association
Alison Miller	Imperial Oil Ltd. (CAPP/CIAC)
Karen Raven	Alberta Agriculture and Forestry (AAF)
Andrew Read	Pembina Institute
David Spink	Prairie Acid Rain Coalition
Martin Van Olst	Environment and Climate Change Canada (ECCC)
Scott Wilson	Alberta Motor Association (AMA)
Ruth Yanor	Mewassin Community Council

Regrets:

Atta Atia	Alberta Agriculture and Forestry (AAF)
David Lawlor	Alberta Airsheds Council (AAC) - Calgary Region Airshed Zone
Bob Scotten (until 2:00pm)	Alberta Airsheds Council (AAC) - West Central Airshed Society

Action Item	Who	Due By
2.1: The NPS Project Team will send Matt any additional NPS resources including information on actions to address NPS in Alberta and any references outside Alberta (i.e. National/International and/or cross-jurisdictional reviews).	All Project Team Members	Ongoing.
5.1: All NPS Project Team members will send any industrial VOC (fugitives) or mobile sources emissions resources to Matt for project team review and posting to the NPS Resource Library.	All Project Team Members	Ongoing.
8.1: Forward a copy of Sanjay's presentation with the meeting minutes to the NPS team.	Matt	With the draft minutes
8.2: Coordinate a meeting with the ATA and CTA to discuss vapour recovery at terminals and the project team's planned approach.	Keith, Alison, Rob	ASAP
8.3: Create a 2-pager on the need for vapour recovery at terminals to be distributed to project team and used in the discussion with the ATA and CTA.	Alison and Rob will prepare.	ASAP
8.4: A Mobile Sources task group will meet with the task of sorting the mobile source management options into two categories (1) feasible and potentially valuable for further exploration in this project, and (2) not feasible for this project. This task group will also create a timeline on how long it would take to flesh out those in category 1.	Keith will poll for meeting dates	Week of 22 August.
8.5: The Communications Sub-group will develop a short list of initial messages about the work of the NPS Project Team and the context for it.	Communications Sub-Committee	Meeting #9
8.6: The Secretariat will poll for a NPS meeting date later in September.	Secretariat	ASAP

1. Administrative Items

The meeting began at 09:30 am; Bill chaired the morning and Alison the afternoon. Team members introduced themselves and were welcomed to the meeting. Meeting quorum was not achieved as there was no representation from the Airsheds. If necessary, any critical decisions were to be deferred until the next meeting. However, as the group discussed, few final decisions are being made at this point and the meeting was able to proceed.

The draft agenda and meeting objectives were approved. The minutes from meeting #7 were approved with no corrections. These will be finalized and posted to the CASA website.

Meeting #7 Action Items were updated as follows:

Action Item	Who	Status
2.1: The NPS Project Team will send Matt any additional NPS resources including any references outside Alberta; National/International and/or cross-jurisdictional reviews.	All Project Team Members	Carry Forward.
5.1: All NPS Project Team members will send any industrial VOC (fugitives) or mobile sources emissions resources to Amanda for project team review and posting to the NPS Resource Library.	All Project Team Members	Carry Forward.
6.4: Have a discussion if more information is desired to start engagement of target audiences there is potential to use CASA's Twitter feed to ask survey questions.	CASA Secretariat	Carry Forward. Will need to be discussed further after survey is complete.
6.8: Follow-up from mobile sources discussion: a) CCME In-Use Diesel Guidance Document – select sections of document for team members to review for next meeting b) Tampering of diesel vehicles (e.g. Diesel Particulate Filters) – provide any available details/data c) Municipal Government Act – provide update d) Draft Transportation Strategy for Alberta – provide update e) Scan for feasibility studies surrounding the efficacy of rebates and subsidies as they apply to mobile sources such as vehicles f) Review MOVES model to determine if will be helpful in understanding breakdown of emissions from mobile source.	Co-Chairs Steve Tasha Rhonda Lee Alison	Complete. Will be ongoing work and discussion on specific areas in future. Input data for US EPA Motor Vehicle Emissions Simulator (MOVES) model is out of date. While it may be the most comprehensive model, a robust set of inputs is not available.
7.1: AAMDC will provide Amanda additional information and resources for the Municipal Government Act to be shared with the team.	Tasha	Complete
7.2: Draft a summary document to define mobile source categories and options or opportunities to address by transportation type and identify other jurisdictions with mobile source initiatives implemented for group review/discussion.	Rhonda Lee & Steve	Complete
7.3: Imperial Oil will further explore path forward for possible opportunities for management actions on general solvent use in overall VOCs emissions.	Alison	Complete
7.4: Pembina and AAMDC will champion any related 'wood burning' information and create a summary document looking into the approach and feasibility of "advisory days" in emissions management, specifically how they are forecasted in those jurisdictions, and any municipal-related information on wood-burning/emissions.	Andrew & Tasha	Complete

CASA Update

Keith provided an update on CASA secretariat activities:

- Amanda and Warren are no longer with CASA. Matthew Dance has been contracted to provide project management and facilitation support until such time a replacement is hired. Matt is a former CASA Project Manager.
- The September CASA Board Meeting has been cancelled; as a result the NPS Team will not be required to prepare a presentation, but rather will provide a written update to the Board.
- A CASA 2.0 team has been formed to look at the existing clean air strategy and help define future areas of work that CASA should consider.
- CASA is in the process of updating its website. The goal is to provide a site that is more easily updated with documents and information, including the NPS Project Team pages.
- The GOA's lease on CASA Offices (and the entire building) will expire in July 2017 and not be renewed. CASA will be moving to share space with the Water Council in Petroleum Plaza, South Tower.

Technical Task Group (TTG) Update.

Keith provided the team an update:

- The TTG are currently in the process of preparing their final report, and will provide it to the NPS in September.
- They are working with a technical editor, Nancy Mackenzie, to complete the report.

Project Team Member Updates. The team was given an opportunity to provide updates on their organization or other related activities.

- The team was provided an update on the CCME CAAQS Development and Review (CDR) Working Group regarding new standards for NO₂. ECCC and Ontario proposed a straw dog that was discussed in detail. There are significant implications anticipated for Alberta and the NPS team specifically for NO₂.
- Bill reported on the OAC engagement strategy. AEP plans to finalize the strategy this fall. A key element is leadership by AEP to bring together all those regional stakeholders who are providing air education messages and encourage them to adopt some common themes related to air literacy and personal action.

2. WBEA Presentation by Sanjay Prasad

Sanjay Prasad, the Executive Director of the Wood Buffalo Environmental Association, presented the preliminary results of a WBEA study on an Ambient Air Quality in the region. This study outlined how WBEA's monitoring activities in the Lower Athabasca Air Zone are evolving and can improve understanding of sources of air contaminants. Sanjay discussed monitoring design and instrument validation given changing and evolving technology. He stressed the importance of understanding how receptors (human and ecosystems) are impacted by emissions as well as the complexity of designing a monitoring protocol to address multiple needs. While there is a reasonable understanding of primary PM sources, a similar understanding of secondary PM sources has not been developed. This presentation will be forwarded with the draft minutes.

Discussion:

- What are the key NPSs that this team can work to address?
 - Dust from dry tailing areas are important, and WBEA has not been able to differentiate between primary and secondary sources of PM.
 - NO₂ from mobile sources (e.g. mining fleets).

ACTION 8.1: Matt will forward a copy of Sanjay's presentation with the meeting minutes to the NPS team.

3. Task Group Update

The Task Group report is expected to be completed in September and shared with the NPS Team. The intent of this report is to synthesize what is known about NPS contributing to ambient PM and O3 levels in Alberta, focusing on areas in the red or orange management levels of the CAAQS. From its initial list, the Task Group has looked at a list of additional sources for the Project Team to explore, including: construction operations, road dust, commercial and residential fuel (heating), upstream petroleum, prescribed burning, general solvent use, agriculture and petroleum product transportation and distribution.

Discussion:

There was a discussion on the focus of management actions, whether the NPS team should focus their effort on areas of non-achievement, to take a broader more province wide approach, or a combination in stages. It was suggested that the Task Group provide a prioritized list for the Project Team to consider, and that a staged approach might be recommended by the team, first with a focus on the sub-regional areas and then a broader approach at a provincial level (or vice versa).

4. Fugitive/VOC Emissions Opportunities

The team discussed Fugitive/VOC emissions and the need to engage the Alberta and Canadian Trucking Associations in a discussion of vapour recovery at terminals. It was decided that the PT would follow-up with the Alberta and Canadian Trucking Association contacts and that a 2-pager would be created outlining the need for vapour recovery and the 'ask' of the Trucking Associations.

The team also heard a report from Andrew and Tasha on both open wood burning and wood burning for home heat. The NPS Team discussed where their focus should be, and the case for making this a priority area. The Technical Task Team was asked to draw upon the CCME Code of Practice and to identify the conditions when the impact would be detrimental, and define the conditions where you can burn. The Team was also asked if, drawing on what they have already done without any substantial addition to their work, they can provide any better idea of the contribution of open wood burning and wood burning for home heating to the state of air quality where we are either not achieving the PM 2.5 CAAQS or are close to not achieving it.

ACTION 8.2: Keith will work with Alison and Rob to coordinate a meeting with the ATA and CTA to discuss vapour recovery at terminals and the project team's planned approach.

ACTION 8.3: Alison and Rob will create a 2-pager on the need for vapour recovery at terminals.

5. Mobile Sources Opportunities and Path Forward

Rhonda Lee and Steve presented a report on Mobile Sources of emissions. Rhonda Lee presented a draft spreadsheet of management options (tools), and indicated that addressing mobile sources is complex as there are various on-road and off-road sources and multiple different tools could apply depending on the desired outcomes. It was noted that it isn't feasible to go through each tool in detail during the Project Team meetings as there is a lot of information. A task group was formed with the initial task of sorting the management options into two categories (1) feasible and potentially valuable for further exploration in this project, and (2) not feasible for this project. They were further asked to put a timeline to the PT on how long it would take to flesh out those in category 1. It was also suggested that one consideration be the success of various management options elsewhere. The members of this task group identified during the

meeting are: Rhonda Lee Curran, Steve Marshman, Ruth Yanor and Scott Wilson. An Alberta Transportation representative(s) will be invited by Rhonda Lee.

ACTION 8.4: The Mobile Sources task group will meet with the task of sorting the mobile source management options into two categories (1) feasible and potentially valuable for further exploration in this project, and (2) not feasible for this project. This task group will also create a timeline on how long it would take to flesh out those in category 1.

6. Communications Key Messages and Initiatives

Scott presented the results of the excellent AMA survey. The discussion turned to potential audience and messages. It was agreed that the Communications Sub-group would aggregate their documentation and develop a short list of initial messages about the work of the NPS Project Team and its context, and present the draft messages at the next team meeting.

ACTION 8.5: The Communications Sub-group will develop a short list of initial messages about the work of the NPS Project Team and its context.

7. Next Steps and Next Meeting

The September CASA Board Meeting has been postponed until December. As a result, the NPS Team will only submit a written update to the CASA Board. The co-chairs will work with Keith and Matt to draft this update.

While retaining the current NPS Project Team September meeting date at present, it was also agreed we will see if there are other better options for a September meeting towards the end of the month.

ACTION 8.6: The Secretariat will poll for a NPS meeting date later in September.

8. Adjournment

The meeting was adjourned at 3:00 PM.