

# MINUTES



## Non-Point Source Project Team Meeting #16

Date: Monday, May 29<sup>th</sup>, 2017

Time: 9:30 – 15:00

Place: CASA Office, 14<sup>th</sup> floor, 9915 108<sup>th</sup> Street NW, Edmonton, Alberta

### IN ATTENDANCE

<u>Name</u>	<u>Stakeholder Group</u>
Atta Atia	Alberta Agriculture & Forestry (AAF)
Jill Bloor	Alberta Airsheds Council (AAC)
Bill Calder	Prairie Acid Rain Coalition
Rhonda Lee Curran	Alberta Environment & Parks (AEP)
Katie Duffett	Clean Air Strategic Alliance (CASA)
Jim Hackett	ATCO
Rob Hoffman	Canadian Fuels Association (CFA)
Steve Marshman	Alberta Canola Association
Lauren Maris	City of Red Deer
Alison Miller	Imperial Oil Ltd. (CAPP/CIAC)
Corinna Mulyk	Alberta Transportation
Andrew Read	Pembina Institute
Tanya Sakamoto	City of Calgary
David Spink	Prairie Acid Rain Coalition
Chandra Tomaras	City of Edmonton
Scott Wilson	Alberta Motor Association (AMA)
Ruth Yanor	Mewassin Community Council

### REGRETS

<u>Name</u>	<u>Stakeholder Group</u>
Nadine Blaney	Alberta Airsheds Council (AAC)
Tasha Blumenthal	Alberta Association of Municipal Districts & Counties (AAMDC)
Carolyn Kolebaba	Alberta Association of Municipal Districts & Counties (AAMDC)
Karla Reesor	Alberta Airsheds Council (AAC)
Martin Van Olst	Environment and Climate Change Canada (ECCC)

Action Items	Who	Due
2.1: The NPS Project Team will send Katie 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
<b>March 30<sup>th</sup>, 2017</b>		
14.4: Draft information on existing emissions management actions for commercial/residential heating	Rhonda Lee Curran	April 30 <sup>th</sup> , 2017



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non-point sources (with any updates to be included from the upcoming stakeholder conversation with Energy Efficiency Alberta).		
14.19: Coordinate meetings with the federal government stakeholders for feedback on the ideas for potential management action.	Martin Van Olst	June 16, 2017
14.20: Coordinate review of the ideas for potential management action with provincial government departments (e.g. Alberta Health, Municipal Affairs, NRCB).	Rhonda Lee Curran	June 16, 2017
14.21: Arrange a conversation with their energy stakeholders about the ideas for potential management action.	Rob Hoffman	June 16, 2017
14.22: Arrange conversation meeting(s) with trucking associations on relevant ideas for potential management action.	Rob Hoffman	June 16, 2017
14.24: Project Team members to inform Katie of any scheduled stakeholder meetings so the information can be sent to the remainder of the team for possible attendance. A record of feedback will be taken at each conversation to share with the team.	Project Team	June 28 <sup>th</sup> , 2017
<b>April 24<sup>th</sup>, 2017</b>		
15.6: Draft a recommendation for inclusion of air quality co-benefits as a selection criterion for Energy Efficiency Alberta Programs.	Bill Calder Andrew Read	May 18 <sup>th</sup> , 2017
15.7: For final report content, draft rationale for not recommending that Energy Efficiency Alberta include high efficiency furnaces in their existing programs.	Bill Calder Andrew Read	May 18 <sup>th</sup> , 2017
<b>May 29<sup>th</sup>, 2017</b>		
<b>16.1:</b> Incorporate project team feedback on the draft open-air/prescribed burning recommendation and send to Katie for distribution by June 16 <sup>th</sup> .	David Spink	June 16 <sup>th</sup> , 2017
<b>16.2:</b> Send air quality emission inventory/monitoring trends to Katie for distribution to the project team.	Atta Atia	June 16 <sup>th</sup> , 2017
<b>16.3:</b> Revise the draft urban planning recommendation and send the updated document to Katie by June 16 <sup>th</sup> .	Municipal Caucus	June 16 <sup>th</sup> , 2017
<b>16.4:</b> Revise the draft residential wood burning recommendations to include a recommendation related to changing the Alberta Building Code to disallow masonry fireplaces in new builds and provide it to Katie by June 16 <sup>th</sup> .	Andrew Read	June 16 <sup>th</sup> , 2017
<b>16.5:</b> Revise the draft gasoline distribution recommendation and provide it to Katie by June 16 <sup>th</sup> .	Alison Miller Rob Hoffman	June 16 <sup>th</sup> , 2017
<b>16.6:</b> Send the revised draft knowledge of NPS (gaps and uncertainties) recommendation to Katie for distribution to the project team.	David Spink	ASAP



<b>16.7:</b> Draft a recommendation for future work on construction and road dust management by June 16 <sup>th</sup> .	Municipal Caucus	June 16 <sup>th</sup> , 2017
<b>16.8:</b> Provide documents/guides on dust management for distribution to the project team by June 12 <sup>th</sup> .	Steve Marshman	June 12 <sup>th</sup> , 2017
<b>16.9:</b> Steve and Atta to assist Rhonda Lee in development of report text related to emissions from agricultural equipment (report section 5).	Rhonda Lee Curran Atta Atia Steve Marshman	June 16 <sup>th</sup> , 2017
<b>16.10:</b> Provide any additional feedback on the NPS message map to Katie by June 5 <sup>th</sup> .	Project team	June 5 <sup>th</sup> , 2017
<b>16.11:</b> Send a Doodle poll to determine availability of the project team for a mid-June meeting.	Katie Duffett	ASAP

## Agenda

1. Administrative Items
  - a. Greetings and introductions
  - b. Approve the draft agenda and meeting objectives
  - c. Review and approve meeting #15 and #15B minutes, and update the action log.
  - d. Provisional approval of draft recommendations and other report content for the technical editor
  - e. Edmonton Electric Vehicle Strategy
  - f. Any key announcements from project team members?
2. Draft Recommendations
  - a. Open-air (Prescribed) Burning
    - i. Overview of changes made following the April 28<sup>th</sup> discussion
    - ii. Stakeholder feedback
    - iii. Next steps
  - b. On-Road Light Duty Vehicles
    - i. Overview of changes made following the April 28<sup>th</sup> discussion
    - ii. Stakeholder feedback
    - iii. Next steps
  - c. On-Road Heavy Duty Vehicles
    - i. Overview of changes made following the April 28<sup>th</sup> discussion
    - ii. Stakeholder feedback
    - iii. Next steps
  - d. Agriculture
    - i. Status of documentation
    - ii. Report content
3. Other Items
  - a. Urban planning
  - b. Residential wood burning
  - c. Gasoline distribution
  - d. Energy efficiency action
  - e. Knowledge of NPS (gaps and uncertainties)
4. Potential Recommendations for Future work
  - a. Dust management
  - b. Others?



5. NPS Final Report
  - a. Provisional approval to proceed with draft report content
  - b. Documentation status
    - i. Table of contents
    - ii. Rationale for NPS not addressed via recommendations
    - iii. Assign leads for outstanding report sections
6. Communications Subgroup
  - a. Workshop results and next steps
  - b. NPS message map
7. Next Steps
  - a. Stakeholder conversations
  - b. Next meeting dates (is the May 31<sup>st</sup> meeting required?)
  - c. June Board meeting
  - d. Other business
8. Adjournment

## 1. Administrative Items

The meeting was called to order by Bill at 9:30am.

The agenda and meeting objectives were reviewed and approved without amendment.

The minutes from the April 24<sup>th</sup> and April 28<sup>th</sup> NPS project team meetings were reviewed and approved pending some minor revisions. The action log was updated.

Actions items related to scheduling stakeholder conversations were given a deadline for the meetings to occur by June 16<sup>th</sup>.

The NPS Project Team has been invited to the City of Edmonton's Urban Planning Committee meeting scheduled for July 5<sup>th</sup>.

## 2. Draft Recommendations

### 2.A Open-Air (Prescribed) Burning

Revisions made to the draft recommendation following the April 28<sup>th</sup> project team meeting were reviewed.

Additional changes were requested, including:

- Minor editorial changes
- Inclusion of information on campfires and open-air burning in national parks in the background section

Pending the additional revisions, the draft recommendation was provisionally approved and will be sent to the technical editor.



**Action Item 16.1:** David to incorporate project team feedback on the draft open-air/prescribed burning recommendation and send to Katie for distribution by June 16<sup>th</sup>.

## 2.B On-Road Light Duty Vehicles

Changes made to the draft recommendation following the April 28<sup>th</sup> project team meeting were reviewed.

Additional changes were requested, including:

- Wording changes to recommendation 1 (uptake of low and zero emitting vehicles) to indicate that highly fuel efficient and substantially lower emitting internal combustion engine (ICE) vehicles are not excluded. Information on ICE vehicles and a reference to the NRCAN list of fuel efficient vehicles will also be added to the background.
- The reference to “new and used” vehicles will be removed from recommendation 1.
- The order of recommendations will be changed so that the recommendation for reducing emissions from in-use vehicles is first.
- Given that recommendations should have support from the stakeholders they identify, the wording will be changed to reference collaboration with “appropriate stakeholders” in this and the recommendations for the other non-point sources/themes where the implementer is asked to work with other stakeholders.

Energy Efficiency Alberta has not specifically agreed to support the recommendation for them to consider the transportation sector as an area for future programs. This was flagged as something to check with them prior to finalization of the NPS report.

The project team was not able to provisionally approve the recommendations. Further discussion, particularly on the recommendation for reducing emissions from in-use vehicles, was tabled for the May 31<sup>st</sup> meeting.

## 2.C On-Road Heavy Duty Vehicles

Changes made to the draft recommendations following the April 28<sup>th</sup> meeting were reviewed.

With the recognition that stakeholder feedback was still expected for some of the recommendations, all aside from recommendation 3 were provisionally approved and will be sent to the technical editor.

Continuance of the SmartWay program is unknown due to possible changes at the US EPA, given the program is delivered in Canada under a license agreement with the US EPA, but the project team will proceed with recommendation 2 on the assumption the program will continue.

Discussion on recommendation 3 was tabled for the May 31<sup>st</sup> meeting. There was general agreement that commercial vehicle inspections should include emissions controls for future model year vehicles, but further discussion and stakeholder feedback, particularly from Alberta Transportation, is needed on the potential amendment of vehicle weight thresholds.



## 2.D Agriculture

Documents relating to agricultural emissions had been previously reviewed by the project team, and included a draft recommendation and report content relating to current practices undertaken in the sector to improve air quality and the challenges and barriers associated with addressing agricultural emission sources.

The draft recommendation focused on providing funding for research and development of beneficial management practices, but did not contain specific actions to reduce non-point source emissions. The project team decided the draft agriculture recommendation will not be present in the final report as a formal recommendation, but will be included as report content.

The document containing information on current practices referenced both emission inventory and survey data. The project team requested the data be included in the final report to indicate whether or not agricultural emissions are improving over time.

**Action Item 16.2:** Atta to send air quality emission inventory/monitoring trends to Katie for distribution to the project team.

## 3. Other Items

### 3.A Urban Planning

Lauren provided an update on the draft urban planning recommendation.

Feedback from the project team included:

- Ammonia is referenced in the background section for the recommendation, but the vast majority of ammonia emissions are from agricultural sources. References to ammonia emissions from transportation will be removed from the urban planning recommendation but will be captured elsewhere in the report.
- The recommendation will be reformatted into a bulleted list of actions for readability.
- Clarity is needed on what “mechanisms for collaboration” entails. Additional detail will be added to that section of the recommendation.

Stakeholder feedback is still needed for this recommendation and as such it could not be provisionally approved.

**Action Item 16.3:** Municipal Caucus to revise the draft urban planning recommendation and send the updated document to Katie by June 16<sup>th</sup>.

### 3.B Residential Wood Burning

This recommendation had not been revised following the previous NPS project team meeting.



Feedback from the project team included:

- The wording around incentives should be revised to be clear that they can be supportive or financial.
- A concern was raised regarding a source for funding for financial incentives.
- A large portion of existing fireplaces are masonry fireplaces that currently don't require emission controls and are permitted by the Alberta Building Code as long as they meet safety standards. A recommendation will be drafted for a change to the Alberta Building Code to no longer allow masonry fireplaces in new builds.

**Action Item 16.4:** Andrew to revise the draft residential wood burning recommendations to include a recommendation related to changing the Alberta Building Code to disallow masonry fireplaces in new builds and provide it to Katie by June 16<sup>th</sup>.

## 3.C Gasoline Distribution

Changes made to the recommendation following the April 28<sup>th</sup> project team meeting were reviewed.

Additional feedback from the project team included:

- The format needs to be revised to match the template used by the other draft recommendations.
- The draft recommendation is specific to PM<sub>2.5</sub>, but should be revised to include information on ozone, VOCs, and NO<sub>x</sub>.
- Information on the potential benefits of using stage 1 vapour recovery units will be included in the background and rationale section.
- Wording will be revised to remove the "industry recommends" phrase and for consistency with the other recommendations.
- Wording will be revised to make it clear that the recommendation is for Alberta Environment and Parks to consider the benefits only in the context of other actions that could be taken.

**Action Item 16.5:** Alison and Rob to revise the draft gasoline recommendation and provide it to Katie by June 16<sup>th</sup>.

## 3.D Energy Efficiency Action

A draft energy efficiency action recommendation was not yet available for review, and would be distributed to the project team in advance of the May 31<sup>st</sup> meeting.

## 3.E Knowledge of NPS

The project team requested some minor wording/formatting changes for the draft recommendation with the intent of provisionally approving it during the May 31<sup>st</sup> meeting.

**Action Item 16.6:** David to send the revised draft knowledge of NPS (gaps and uncertainties) recommendation to Katie for distribution to the project team.

## 4. Potential Recommendations for Future Work



Dust management was identified as an area for future potential work. Industry and municipalities have dust management practices, primarily related to safety concerns, which have both benefits and drawbacks. Depending on whether or not there are guidance documents currently available, a future project for development of a best practices guide would be useful, particularly for municipalities. The project could potentially be undertaken by CASA with involvement from the Alberta Water Council, given there are both air and water concerns related to dust management.

In addition to development of a best practices guide, a recommendation could potentially include other elements such as a conference with expert speakers, amendments to municipal contract standards, and amendments to community standards by-laws.

**Action Item 16.7:** Municipal Caucus to develop a draft recommendation for future work on construction and road dust management by June 16<sup>th</sup>.

**Action Item 16.8:** Steve to provide documents/guide on dust management for distribution to the project team by June 12<sup>th</sup>.

## 5. NPS Final Report

The final report draft table of contents was reviewed.

It was noted that any revisions to documents should be captured in track changes to allow the technical editor to easily identify them.

The Technical Task Group report overview section did not have an assigned lead. Given that the technical editor also worked on that report, she will be asked to draft that section. Rhonda Lee, David, and Martin will provide guidance to Nancy where needed.

The section on rationale for not recommending actions for agricultural equipment emissions did not have an assigned lead.

**Action Item 16.9:** Steve and Atta to assist Rhonda Lee in development of report text related to emissions from agricultural equipment (report section 5).

In order to complete the report by the September deadline, drafts of the report content (including draft recommendations, rationale, and other report sections) should be completed by June 16<sup>th</sup>. Some sections of the report will necessarily be developed later, such as the executive summary and conclusion sections.

## 6. Communications Subgroup

The draft message map was reviewed.

Additional feedback was provided from the project team:





- Wording changes are required (e.g. use of achievement or non-achievement in place of compliance when referring to CAAQS).
- The message map currently states that the NPS project team is focusing on gaps and uncertainties, and while it is a component of the project, it is not the focus.

**Action Item 16.10:** Project team members to provide any additional feedback on the NPS message map to Katie by June 5<sup>th</sup>.

The Communications Subgroup is currently discussing coordination of existing communications programs with the NPS project team recommendations as well as organization of ongoing communication and coordination between the groups who were involved in the April 12<sup>th</sup> workshop. The ongoing communication is outside of the scope of the NPS project, and will likely be undertaken by another organization, such as the Alberta Airsheds Council, potentially with support from CASA. It would represent a separate project and CASA involvement would likely require Board approval.

## 7. Next Steps

Following the May 31<sup>st</sup> project team meeting, the next meeting is scheduled for June 28<sup>th</sup>. There may be a need for an additional half-day meeting in June to provisionally approve draft recommendations.

**Action Item 16.11:** Katie to send a Doodle poll to determine availability of the project team for a mid-June meeting.

## 7. Adjournment

The meeting was adjourned at 15:00.