

# Final Minutes



## *Clean Air Strategy Project Team*

### *Meeting #2*

Date: Thursday, October 12, 2007

Time: 10:00 am to 3:30 pm

Location: Room 317, 3rd Floor, TransCanada Corporation, 450 1st Street SW, Calgary

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#### In Attendance:

<b>Name</b>	<b>Organization</b>
Al Mok	Suncor (CAPP)
Anita Sartori	CNRL (CAPP)
Bettina Mueller (Phone)	Alberta Environment
Carmen Rieder	CASA
Caroline Kolebaba (Phone)	Alberta Coalition of Municipal Districts and Counties
Christine Byrne	Imperial Oil
Debra Code	Enmax
Jason Schultz	TransCanada
Jennifer Allan (Phone)	CASA
Ken Omotani	TransCanada
Kerra Chomlak	CASA
Len Bracko	Alberta Urban Municipalities Association
Long Fu	AB Environment
Martha Kostuch	Prairie Acid Rain Coalition
Mike Zemanek	Alberta Health and Wellness
Nashina Shariff	Toxics Watch
Srikanth Venugopal	TransCanada
Steve Kennett	Pembina Institute
Tony Hudson	Alberta Lung Association

Action Items:

1.1	Bettina to contact Tim from Environment Canada about joining the team.	Bettina	Carry Forward
1.2	Kerra to find out how much the public consultation for Water for Life cost.	Bettina	Carry Forward
1.6	Bettina and Long to report on AENV's expectations for a public consultation.	Bettina, Long	Carry Forward (inform public consultation subgroup)
1.7	Kerra to collect past CASA evaluations and the team will discuss further which parts of the existing strategy are still valuable.	Kerra	Carry Forward
2.1	Contact EPCOR and ATCO to inform them of this initiative and potentially get involved	Al	Nov 8
2.2	Participation by the EUB will be discussed by Bettina and Colin Pate (Alberta Energy).	Bettina, Colin Pate	Nov 8
2.3	The Ambient / Emissions Subgroup tasked with reviewing information for the team will report back at the Dec 5 meeting.	Martha, Bettina, Long, Jason	Dec 5
2.4	The co-chairs will present the timeline and budget again at the Dec 5 meeting	Co-chairs	Dec 5
2.5	The co-chairs will present the consultant RFP at the Nov 8 meeting	Co-chairs	Nov 8
2.6	The Info Workshop Subgroup will contact speakers and arrange for presentations at the Nov, Dec and Jan meetings.	Bettina, Debra, Nashina	Ongoing next 3 meetings
2.7	The public consultation subgroup will report at the Nov 8 meeting.	Bettina, Anita, Tony	Nov 8
2.8	Role of municipalities – determine who should present to the team or if information should be gathered by the Information Subgroup	Len, Carolyn	Report to either CASA or Info Workshop Subgroup by Nov 1
2.9	Srikanth will ask for someone to present on the federal framework (Cecilia Clereau or Mike Biel) and integration	Len, Carolyn	Report to either CASA or Info Workshop Subgroup by Nov 1

**1. Greetings and Introductions**

- Steve called the meeting to order at 10:15AM.
- Introductions were made around the room.

## 2. Administration

### a. Additions/changes to the agenda:

- Co-chairs recommended that Items 4 (Information on Air in Alberta – Long Fu) and 5 (Workplan, Timelines) be switched. Accepted.
- A discussion of information gathering should be added to Item 5 (Workplan, Timelines). Accepted.
- It was suggested that a review of the subgroup meeting minutes from 27 Sept be added to the review of the minutes from the group meeting of Sept 13. Some members were not a part of the subgroup and did not agree that these minutes should be reviewed. It was agreed to allow questions on what happened at the Sept 27 meetings, but that those minutes should be approved separately by the small group.
- A quiz on the 1991 Clean Air Strategy report was added as part “f” of Item 2. Accepted.

### b. Review minutes from Sept 13 meeting

- Clarification was requested on page 4 of the minutes pertaining to Board member comments. The comments on this page were individual suggestions and the group agreed that the text “*Comments from individual board members included*” should be added to the paragraph preceding the bullets.

### c. Review of Action items from Sept 13 meeting

No.	Task	Who	Status
1.1	Bettina to contact Tim from Environment Canada about joining the team.	Bettina	Carry Forward
1.2	Kerra to find out how much the public consultation for Water for Life cost.	Bettina	Carry Forward
1.3	CAS team members will email either Kerra or Sharon Hawrelak at CASA with questions for the PEC interviews by Sept 17 (Sept 20 at the latest).	All team members	Completed
1.4	Kerra to distribute the SO <sub>2</sub> (more cyclical) framework to the team.	Kerra	Completed
1.5	All team members to re-read the original Clean Air Strategy, keeping in mind this meeting’s discussions.	All team members	Completed
1.6	Bettina and Long to report on AENV’s expectations for a public consultation.	Bettina, Long	Carry Forward (inform public consultation subgroup)
1.7	Kerra to collect past CASA evaluations and the team will discuss further which parts of the existing strategy are still valuable.	Kerra	Carry Forward
1.8	Bettina to approach Randy Angle to give presentation on the development and implementation of the original CAS.	Bettina	Completed
1.9	Len Bracko to forward visual of the projected size of Calgary to Kerra for distribution to the team.	Len	Completed

No.	Task	Who	Status
1.10	Long to forward the Water for Life Strategy	Long	<b>ASAP</b>
1.11	Long to provide existing air quality forecasts and trends to the team.	Long	Completed

d. Team membership – are all interests represented?

- A number of organizations were mentioned that need to be added to the team membership:
- Environment Canada: **The team wanted to reinforce their previous decision that EC is an important stakeholder in this process**
- Industry representatives stated that the Canadian Petroleum Products Institute (CPPI) will be joining the team. Industry reps also felt that ATCO and EPCOR should be at the table.

**Action Item 2.1: AI will contact ATCO and EPCOR to inform them of this initiative and potentially get involved.**

- Alberta Energy and Utilities Board (EUB).

**Action Item 2.2: Participation by the EUB will be discussed by Bettina and Collin Pate (Alberta Energy).**

- There was a question why Alberta Energy was left out of the original membership list on the TOR. It was not purposefully omitted. **All present agreed that Alberta Energy is an important stakeholder.**
- Kerra announced that as of Monday, she will be the Executive Director of CASA. Jennifer will be the new Project Manager for this team.

e. Questions on CASA or consensus process?

- None.

f. Quiz on the 1991 report – everyone scored 100%!

**3. Clean Air Strategy for Alberta – a Model**

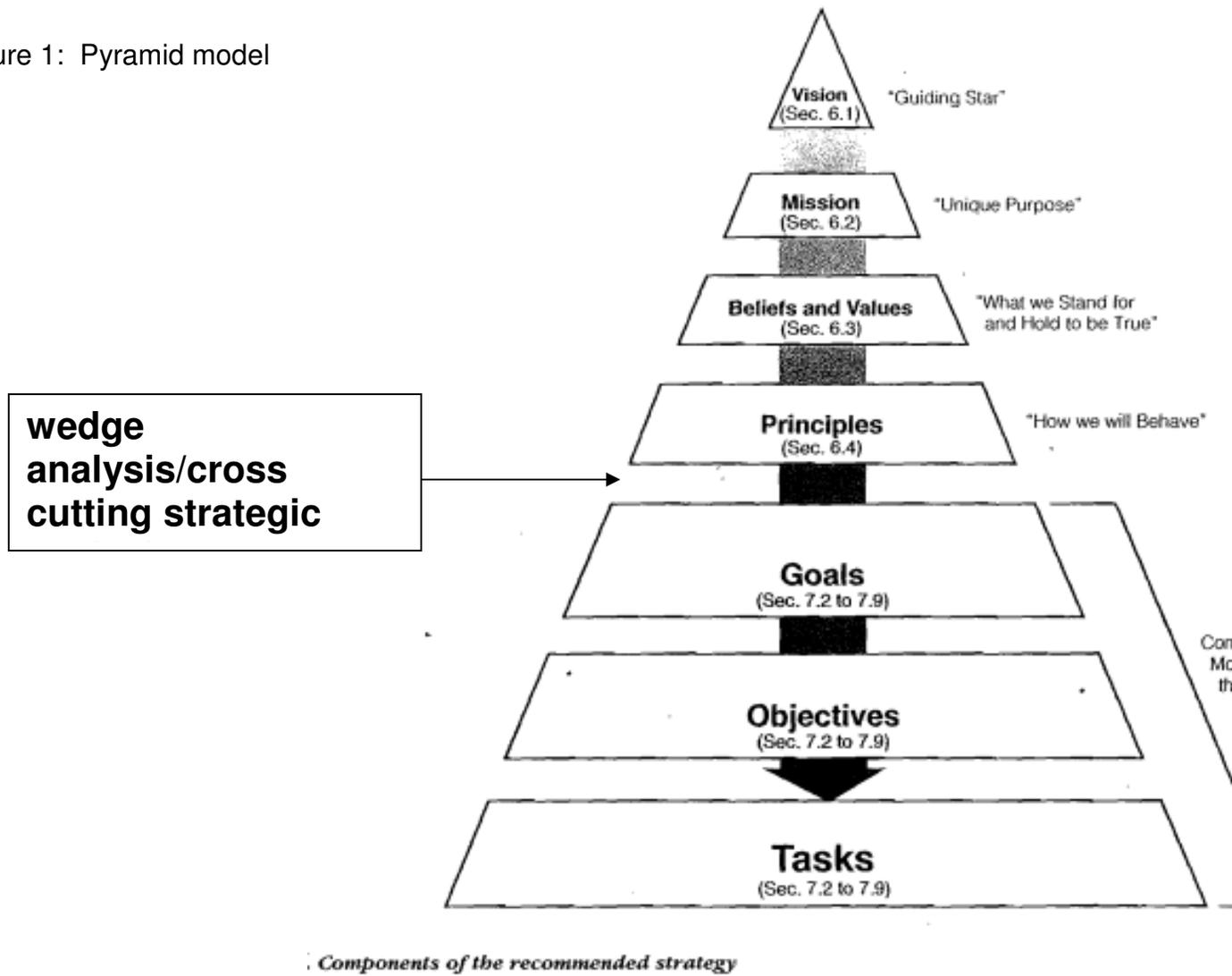
a. Review of small group meeting thought process

- The discussion opened with several questions:
  - Are we going to try to reproduce the original document (i.e. start from scratch) or do we want to build upon it?
  - The goal(s) of the original document may be different from what we are trying to do now.
- Discussion:
  - The original process took four years (1990 – 1994). We have approx one year.
  - The original strategy contains a significant amount of background material. Although this information is useful, our timeline may not accommodate a

similar level of thoroughness. We should focus on the issues and strategies instead of detailed descriptions of air contaminants, etc.

- The strategic framework proposed by the small group (tasked with creating options/visuals at the last meeting) presented their results:
  - The framework presented is intended for discussion.
  - The goal is to focus on a high-level framework and not to focus on specific tasks or details
  - A pyramid model is proposed (Figure 1, next page).
  - Analytic work will be captured as wedge analyses. An example of a wedge analysis for GHGs was shown. GHGs were only an example to show a wedge analysis, the content was not important. The analysis contains a historic trend, an extrapolated future trend, and identifies the strategic components necessary to favorably bend the curve. Each wedge analysis focuses on a particular issue/contaminant. This approach may not be appropriate for all emissions issues.

Figure 1: Pyramid model



b. Recommendations for using the triangle/pyramid approach, similarities, differences to the 1991 version (Page 45) and c. Implications of proposed model

- Discussion of the pyramid approach:
  - Common themes may emerge from problematic air issues that can be addressed strategically.
  - Do not want to go too far down the pyramid and become encumbered with details. All strongly emphasized the need to stay at a strategic level.
  - A question of what other models had been considered was put forward. The team listed various approaches: circular, umbrella, and patchwork quilt models.
  - The new strategy should build on a CASA-type process and be integrated with other frameworks that are already in place (Flaring and Venting; Electricity; PM and Ozone; Acid Deposition; Land and Water Use). There was a caution raised about making the assumption that CASA is the only innovative means of addressing issues. Also, CASA should not be confused with (or be synonymous with) the Clean Air strategy for Alberta, CASA is just one element of CAS implementation.
  - The process/framework should be testable – there should some evaluation component included. The team should be able to determine if the strategy can be implemented without getting into the details

Discussion around the wedge analysis proposal:

- Wedge analysis will highlight air issue trends that are going right and those that are going wrong.
- The “wedge analysis” terminology is problematic. Some members see wedge analysis as a specific, academic, quantitative tool, while others see it as a strategic tool. Further clarification and discussion will be included in Long’s presentation this afternoon. It was suggested that a check on the environment (“backcasting”) and then move forward (“forecasting”) might be a more accurate description of the analyses proposed.
- There is a risk of too much detail with the wedge analyses; however, some facts are necessary to set a strategic direction.

Discussion of ‘strategy more generally:

- Scope of the strategy must be defined. What is the timeline for the strategy? Who is the audience (ministers)? What was the effectiveness of the 1991 plan?
- The new strategy must get down to the individual level and address how to engage Albertans.
- A decision-making process to respond to federal and municipal government initiatives should be included in the framework. Also, reciprocally, municipality representatives need clarification on how appropriate portions of the strategy can be taken back and implemented in municipalities. There was general agreement that the strategy should include links to municipal and federal governments

- Some concern about tasks was voiced. Some felt that setting tasks was too detailed for a strategic approach while others suggested that over-arching tasks would be valuable and necessary in order for the strategy to be useful.
- **It was agreed that a task could down to the level of: providing direction to various working groups (who were part of the agreement), who would then work out the details.** The example given was the Coal Bed Methane process, but this hadn't been reviewed by the entire team.

d. Agree to a model to use as a starting point so work can begin

The team agreed to use the pyramid model as a starting point provided that it remains strategic. There was agreement that the top 4 boxes are deliverables for this team, but the lower boxes on the pyramid are still to be decided upon.

The team agreed that the wedge analysis would be useful work. However, the terms 'backcasting' and 'forecasting' are more appropriate.

It was agreed the following components would be address as part of the Clean Air Strategy:

1. Integration (across jurisdictions and across media)
2. Public engagement (what the individual person would do)
3. Scope and timeframe of the strategy (e.g. 5 years out? 50?)
4. Decision making process (at a high level – above the CASA CAMS process) for air issues. E.g. whether or not to use CASA on air issues.

*LUNCH*

#### **4. Information on Air in Alberta – Long Fu**

a. Presentation

- Hard copies of the presentation slides were distributed to the members. The presentation was also emailed before the meeting.
- Several points of discussion were raised during the presentation:
  - Slide 8: Energy consumption does not accurately reflect emissions because a significant amount of energy generated in Alberta is exported to the U.S. and is not used here.
  - Slide 10: The title should read "Edmonton and Calgary" in place of "Alberta".
  - Caution should be exercised when looking at overall projections. Improvement in one sector may compensate for a decline in another resulting in a net lack of change, which is misleading.

b. Questions, discussion

- Q: Will there be a presentation on the Alberta perspective (i.e. all of the province, not only Edmonton and Calgary)?

- A: This is some of the information that we want to gather.
- c. Agree to plan to obtain other information we may need (presentations? workshop?)
  - The team generated a list of available information sources:
    - Progress Report on Particulate Matter and Ozone by Environment Canada and released in 2007
      - Forecasts major pollutants (not GHG)
      - Does not provide backcasting on emissions
    - National Pollutant Release Inventory (NPRI)
    - Ambient air information available from Alberta Environment and from the CASA data warehouse
    - Flaring and venting information is available from the EUB
    - State of the Environment Report on Air 1990 – 2006 by Alberta Environment (available on web site)
    - Environment Canada may have information on mercury, VOCs and other toxins
    - Projections of ambient air quality by industry (These may be useful to look at the impact of past policies on emissions.)
  - Other information to gather:
    - Ambient & emissions for all Alberta
    - Other substances (GHG, toxins (Hg, PAHs))
    - Forecasts & Backcasts
    - Source, flaring, EC, AENV state of Environment report
    - Policy
  - Discussion of the information to collect:
    - There are new federal policies and regulations which may impact the accuracy of current forecasts.
    - Assumptions for existing forecasts are given with the forecasts (for example, whether or not the forecast takes into account new policies/regulations)
    - Need to define how the information is going to be used in order to determine what information must be collected
    - Business-as-usual forecasts may be adequate for developing strategies
    - Information collected must be direct so as to focus on key information since time and resources are limited
    - Can the information be simplified to “5 leading indicators”? In an effort to select these indicators with those present, a list was made on the white board: NOX, SOX, PAHs, heavy metals, GHGs, benzene, PM10, PM2.5, ammonia; VOC, CO, H2S, O3
      - Can appropriate pollutants be selected for a given region?
      - Lay people want to understand air quality as it relates to them and their lifestyle
      - Can the information be presented in a simple way? This will be important for the public consultation.

- We are already tracking these elements. Could a “snapshot” for the lay person be generated based on certain quality indicators?
- Air quality indicators may oversimplify the issue and thereby become misleading
- Data gathering for policy discussions must be comprehensive, detailed and specific but when the strategy is communicated to the public it could be packaged for maximum accessibility for the lay person
- **The team agreed that all issues the team feels are important will be considered; however, at some point, this information will need to be translated for the public.**
- A subgroup was created to:
  - Consider the available information and determine what is relevant to the team
  - Present these limited relevant sources to the team and be able to answer questions about assumptions related to the information
  - The members of the information subgroup are: Martha, Bettina, Long and Jason.

**Action Item 2.3: The subgroup (Ambient / Emissions Subgroup) tasked with reviewing information for the team will report back at the Dec 5 meeting.**

- Comments included:
  - The team has not reached an agreement on whether or not to develop a GHG strategy.
  - Strategies will not be developed for other specific substances yet information will be considered on these substances in order to establish a baseline and develop an overall strategy
  - AENV does not have a problem with gathering GHG information in order to give a full picture of emissions but the team must keep in mind that the Climate Change Strategies for Alberta is already done and duplication should be avoided.
  - The inclusion or exclusion of GHGs in the strategy must be discussed further in the future.
  - **It was agreed that the team would discuss integration between the CAS and the Alberta Climate Change Strategy at some point in the future, once the team has more of an idea of what the CAS will look like. It was also agreed that GHG information could be presented to the team, and that GHGs are just one of many substances the team has to consider.**

*BREAK*

## **5. Workplan, Timelines**

- a. Review Draft timelines:
  - The timeline presented is a rough draft designed for discussion.

- o The team must:
    - Determine if there are any key items missing
    - Provide comments on the sequencing of the timeline
  - o The co-chair will refine the timeline and present it back to the group later
  - o Consultants:
    - Team must determine what work is to be done by consultants (if any), send out RFPs and have consultants begin working next year.
- b. Go over components of team work plan: Public consultation expectations
- o The following points were raised with regard to public consultations:
    - Public consultation should be undertaken before the strategy is “written in pen”
    - We must keep in mind that we only have 12 months so how that time is spent must be decided carefully
    - Public consultations during the summer months should be avoided. It was suggested that public consultations be held in the first quarter of 2008 with follow-up in the last quarter.
    - Watch out for over-extension of stakeholders involved in consultations. There may be ‘consultation burnout.’
    - The subgroup should consider there are 2 types of consultation:
      - Getting public input (either generally or on a written document)
      - Full consultation (widespread information gathering)

A subgroup was created to work on public consultation.

- c. Agree to milestones to year end
  - o It was agreed that the co-chairs will finalize the timeline.
- d. Set up subgroups if appropriate, tasks, timelines
  - o The subgroups created at this meeting are:

Subgroup	Responsibilities
1 – Co-chairs – Al, Steve, Bettina	Budget, timelines, consultant RFP
<b>Action Item 2.4: The co-chairs will present the timeline and budget again at the Dec 5 meeting</b>	
<b>Action Item 2.5: The co-chairs will present the consultant RFP at the Nov 8 meeting.</b>	
2 – Ambient/Emissions data – Bettina, Martha, Jason, Long	Compile info and provide back to group
<b>Action Item 2.3 (see above): The ambient/emissions data subgroup will present at the Dec 5 meeting</b>	
3 - Info workshop– Bettina, Debra, Nashina	Contact speakers; Arrange presentations
<b>Action Item 2.6: The Info Workshop Subgroup will contact speakers and arrange</b>	

<b>for presentations at the Nov, Dec and Jan meetings.</b>	
4 – Public consultations -- Bettina, Anita, Tony	Scope and present back to team
<b>Action Item 2.7: The public consultation subgroup will report at the Nov 8 meeting.</b>	

#### Gathering Information:

The team decided to hire a consultant to assess the 1991 Clean Air Strategy. The co-chairs will develop a RFP for the team's approval at the November meeting (re: Action Item 2.4).

Questions for the RFP to consider:

- Was the 1991 report implemented? Why/why not?
- Was the 1991 report successful? Why/why not?
- What worked well in the 1991 report?
- It was suggested possibly a survey could gather some of this information.

Other presentations the team felt necessary were compiled for the Info workshop Subgroup:

- - Land use (Morris)
  - Water (Mike Kelly)
  - Upstream oil & gas outcomes (Steve Maunder (AENV, Rich Highmancap (CAPP)
  - Sustainability act
  - Cumulative effects pilot projects (Dave Belyea)
  - Energy policy – Collin Pate
  - Existing CASA frameworks and previous CASA evaluations
  - Role of municipalities (idling, bylaws, pesticides, home IAQ, burning, transit) and how to integrate better with municipalities

**Action item 2.7: Len and Carolyn will discuss and determine whether someone should present or if information should be gathered by the Information Subgroup**

- Role of the federal government and Canada's international obligations

**Action Item 2.8: Srikanth will ask for someone to present on the federal framework (Cecilia Cleroux or Mike Beal) and integration**

## 6. Updates

- a. CASA updates – any teams doing work of relevance to this team?
  - CASA Science Symposium
    - The Indoor Air Quality team is interested in doing the CASA Science Symposium
    - No one at the table objected to the idea of IAQ being the topic

- The IAQ team is meeting Oct 30 and will discuss the Symposium and may invite other CASA Stakeholders to participate.
- Other CASA teams:
  - Flaring & Venting team is meeting again
  - Electricity project team is doing their 5 year review
  - Human & Animal Health team is working on a consensus report for the Board
  - CFO team will present to the Board in March
  - Air Quality Monitoring group is tentatively holding a stakeholder workshop in January
  - Ozone management team is developing plans for Edmonton, Calgary and Red Deer areas
  - Air Sheds Council is holding meetings in Calgary on Oct 22 & 23
- A question was asked as to how this team's progress is communicated back to CASA.
  - A written progress summary should be prepared for the December board meeting and a presentation will made at the March meeting.
- b. Other initiatives of relevance? Potential areas of overlap, synergy
  - None.

## 7. **Other Business**

- None

## 8. **Next Meetings**

- a. Confirm next meeting dates, purposes
  - Next meetings: 8Nov & 5Dec in Edmonton
  - Set future meetings:
    - i. 8 or 9Jan in Calgary, with 9 being preferred
    - ii. Feb 5 or 6 in Calgary; March meeting in Edmonton
  - Schedule of the next meeting will depend on the speakers

## 9. **Adjournment**

- Adjourned at 3:24PM by Steve