



COORDINATION WORKSHOP 2007

MEETING PACKAGE

Agenda – Coordination Workshop

Date: June 20, 2007
Time: 9 a.m. – 4 p.m.
Place: Waskasoo C Room, Red Deer Lodge, 4311- 49th Avenue, Red Deer

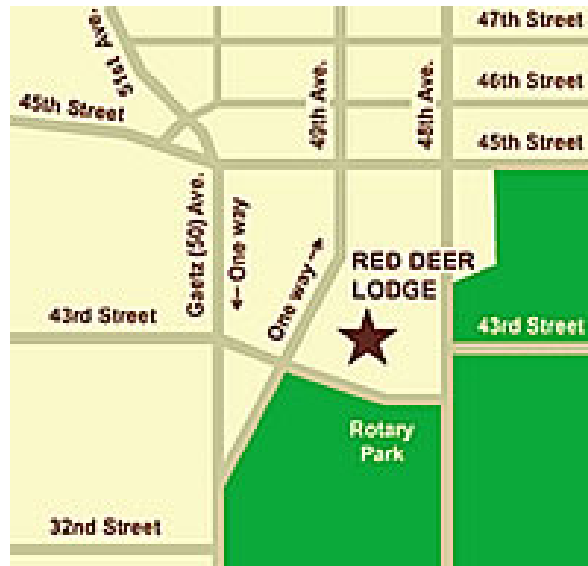
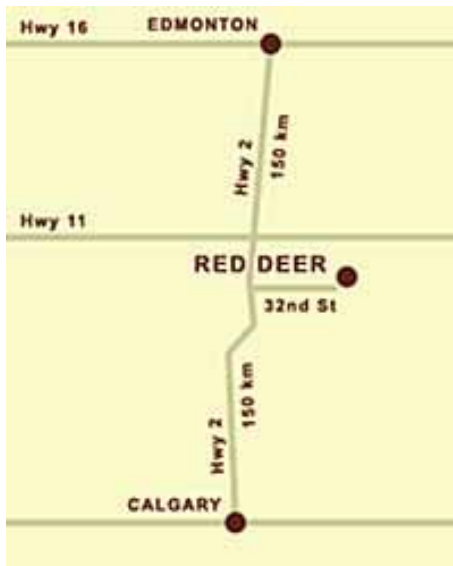
8:00	Registration (<i>coffee, tea, juice, assorted breads & yogurt will be served</i>)
9:00	Opening Remarks
	Welcome Workshop objectives Process and agenda for day
9:15	The air out there – issues circling CASA
	Presentations (<i>Process group</i>)
9:35	CASA Board & Executive
9:45	Communications Committee
9:55	Performance Measures Committee
10:05	Performance Evaluation Committee
10:10	Procedural Guidelines Review and Vision Committees
10:15	Panel discussion
10:30	Break (<i>coffee, tea, juice, fresh fruit</i>)
	Presentations (<i>Ambient group</i>)
10:45	Ambient Monitoring Strategic Planning Team
10:55	Operations Steering Committee/Ambient Air Quality
11:05	Airshed Council and Airshed Zones
11:40	Panel discussion
12:00	Lunch (<i>soup, build-your-own-sandwich buffet, assorted salads, cookies</i>)
1:00	Speed dating for project teams (Current project teams)
	<ul style="list-style-type: none"> • Indoor Air Quality Project Team • Confined Feeding Operations Project Team • Vehicle Emissions Team • Clean Air Strategy Working Group • Electricity Framework – 5 Year Review Working Group
2:00	Report back and large group discussion
2:25	Break (<i>juice, soft drinks, cookies</i>)
2:40	Team evolution (<i>Implementation teams</i>)
	<ul style="list-style-type: none"> • Particulate Matter and Ozone Implementation Team • Flaring and Venting Team
3:10	CASA Quiz (<i>test the CASA savvy, with apologies to Hollywood Squares</i>)
3:30	Wind-up and Closing Remarks
4:00	Workshop Ends

RED DEER LODGE HOTEL AND CONFERENCE CENTRE

4311- 49th Avenue, Red Deer, Alberta T4N 5Y7

Phone: [403] 346-8841 Fax [403] 341-3220 Toll Free 1-800-661-1657

MAPS



DIRECTIONS

Calgary to Red Deer Lodge

Go north on Highway #2 to Red Deer for 150 kms. Take the first exit, "City Centre", into Red Deer. Continue straight ahead [north] on Gaetz Avenue for 4 kms and Red Deer Lodge is at the bottom of a hill on the right hand side.

Edmonton to Red Deer Lodge

Go south on Highway #2 to Red Deer for 150 kms. Take the 32 Street exit east into Red Deer. Go 1.5 kms and turn left on Gaetz Avenue. Go 1.5 km and Red Deer Lodge is at the bottom of a hill on the right hand side.

CASA Teams and Co-chairs – 15JUN2007

Team Acronym	Team Name and Project Manager		Co-chairs by Sector		Colour Codes
EXEC	Executive Committee <i>Jillian Flett</i> <i>Secretary - Treasurer</i>	Government Peter Watson President	NGO Martha Kostuch Vice-President	Industry Dave Byler Vice-President	Board Committee
AMSP	Ambient Monitoring Strategic Planning Project Team <i>Brian Free</i>	Government Bob Myrick		Industry Roxanne Pettipas	Implementation Team
CAS	Clean Air Strategy Working Group <i>Matthew Dance</i>	Government Bettina Mueller	NGO Steve Kennet	Industry Al Mok	Working Group
CC	Communications Committee <i>Sharon Hawrelak</i>		NGO Tony Hudson	Industry Alexandra Frison	Project Team
CFO	Confined Feeding Operations Project Team <i>Matthew Dance</i>	Government Barb Shackel-Hardman	NGO Ross Warner	Industry Reints Palsma	Government
EPT	Electricity Framework – 5 Year Review Working Group <i>Jillian Flett</i>	Government Long Fu	NGO Linda Duncan	Industry Al Schulz	NGO
FVPT	Flaring and Venting Implementation Team <i>Brian Free</i> <i>(in abeyance until 2008)</i>	Government Michael Brown	NGO Chris Severson-Baker	Industry John Squarek	Industry
HAHT	Human and Animal Health Implementation Team <i>Matthew Dance</i>		NGO Ruth Yanor		
IAQ	Indoor Air Quality Project Team <i>Kevin McLeod</i>	Government Roy Clough		Industry Dennis French	
OSC	Operations Steering Committee Ambient Air Quality <i>Brian Free</i>	Government Tom Dickson			
PMO	Particulate Matter and Ozone Implementation Team <i>Brian Free</i>	Government Bob Myrick	NGO Ian Peace	Industry Claude Chamberland	
PEC	Performance Evaluation Committee 2007 <i>Sharon Hawrelak</i>	Government Mike G. Boyd	NGO Myles Kitagawa	Industry Pending	
PMC	Performance Measures Sub-Committee <i>Brian Free</i>	Government Bob Myrick	NGO Mary Griffiths	Industry Ted Stoner	
VET	Vehicle Emissions Project Team <i>Kevin McLeod</i>	Government Alan Brownlee		Industry Gerry Ertel	
VC	Vision Committee <i>Jillian Flett</i>	Government Carolyn Kolebaba	NGO Timothy Lambert	Industry Len Vogelaar	

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CASA Board of Directors and Executive Committee

Purpose:

The Clean Air Strategic Alliance (CASA) was established in Alberta in 1994. CASA is a non-profit association with representation from three sectors – government, industry, and non-government organizations. All CASA groups and teams, including the Board of Directors, have representatives from these three sectors. The Board is comprised of up to 22 members and 22 alternate members.

The Board of Directors makes major decisions regarding the strategic direction and operation of CASA. All decisions and recommendations are made by consensus.

Executive Committee:

The Executive Committee has four positions and members from each sector (government, industry and non-government organizations) are represented. The Executive Committee oversees CASA finances. It also sets the agenda and presides at board meetings, and monitors board effectiveness and adherence to policies and procedures. The committee provides impartial leadership, liaises with government ministers, advocates on behalf of CASA and represents CASA.

Secretariat:

The Board has delegated the day-to-day operation of CASA to the Secretariat. The Executive Committee oversees the operation of the Secretariat.

Stakeholders:

The Board is accountable to CASA stakeholders. “Stakeholders” are defined as all groups of people that have a stake in the outcome and/or an interest in the particular air quality issue being addressed by CASA. The CASA mandate says that strategic air quality planning will be done through “shared responsibility” and “consensus.”

Tasks:

The **Board** is responsible for the strategic planning and issue prioritization processes used by the CASA board and project teams, namely “The Comprehensive Air Quality Management System (CAMS).”

Responsibilities for the CASA board as a whole include:

- Speak with one voice
- Set policies on direction and priorities, with a particular focus on long-term direction;
- Coordinate and commit resources
- Evaluate the results of CASA projects; and
- Regularly assess Board progress and functions.
- Establish and oversee the work of board committees and project teams
- Engage in various strategic planning exercises and provide overall direction to the organization
- Oversee and engage in CASA communications

- Set CASA priorities

Timeline:

The Board meets quarterly. The Executive Committee also meets quarterly prior to board meetings.

Actual or Potential Links with other Project Teams:

All Project Teams and Committees

The Board oversees, creates and disbands project teams and committees, and approves recommendations and reports. The Board also provides direction when necessary to project teams and committees.

Members:

Board:

(See list next page)

Executive Committee:

- Peter Watson, President (GOV)
- Martha Kostuch, Vice-President (NGO)
- Dave Byler, Vice-President (IND)
- Jillian Flett, Secretary-Treasurer and Executive Director

Secretariat:

- Jillian Flett, Executive Director
- Matthew Dance, Senior Project Manager
- Kerra Chomlak, Senior Project Manager (on leave, expected return Sept. 2007)
- Kevin McLeod, Project Manager (seconded from Alberta Health and Wellness)
- Brian Free, Project Manager (seconded from Alberta Environment)
- Sharon Hawrelak, Communications Advisor
- Lori Melanson, Office Manager
- Kathy Semchuk, Bookkeeper/Administrative Assistant
- Alison Jenness, Administrative Assistant

Board of Directors - updated June 1, 2007

Sector	Stakeholder group	Sector - Stakeholder Group Director, Association/affiliation	Alternate, Association/affiliation
Industry	Agriculture	Len Vogelaar Alberta Beef Producers	Humphrey Banack Wild Rose Agricultural Producers
Industry	Alternate energy	Theresa Howland Alternate Energy Producers	David Baker Alternate Energy Producers
Industry	Chemical manufacturers	Réjeanne Cool Canadian Chemical Producers Association	Al Schulz Canadian Chemical Producers Association
Industry	Forestry	Brian Gilliland Alberta Forest Products Association	Keith Murray Alberta Forest Products Association
Industry	Mining	Peter Darbyshire Mining industry	
Industry	Oil & gas (large producers)	Dave Byler (CASA vice-president) Canadian Association of Petroleum Producers	Bill Clapperton Canadian Association of Petroleum Producers
Industry	Oil & gas (small producers)	Vacant	
Industry	Petroleum products	Cindy Christopher Canadian Petroleum Products Institute	Ted Stoner Canadian Petroleum Products Institute
Industry	Utilities	Mike Kelly Utility industry	
Government	Provincial	Peter Watson (CASA President) Alberta Environment	Bev Yee Alberta Environment
Government	Provincial	Sandra Locke Alberta Energy	Jerry MacPherson Alberta Energy
Government	Provincial	Neil MacDonald Alberta Health and Wellness	Alex Mackenzie Alberta Health and Wellness
Government	Federal	Tim Goos Environment Canada	
Government	Local (urban)	Len Bracko Alberta Urban Municipalities Association	
Government	Local (rural)	Carolyn Kolebaba Alberta Association of Municipal Districts and Counties	

Government	First Nations	Pending	Pending
Government	Métis	Gerald Cunningham Métis Settlements General Council	Rick Boucher Métis Nation of Alberta
Non-government organization	Consumer/transportation	Vacant	
Non-government organization	Health	Tony Hudson The Lung Association - Alberta & NWT	Timothy Lambert Canadian Public Health Association
Non-government organization	Pollution	Myles Kitagawa Toxics Watch Society	Ian Peace Residents for Accountability in Power Industry Development
Non-government organization	Pollution	Chris Severson-Baker Pembina Institute	Linda Duncan Lake Wabamun Environmental Protection Association
Non-government organization	Wilderness	Martha Kostuch (CASA vice-president) Bert Riggall Environmental Foundation and the Prairie Acid Rain Coalition	Nashina Shariff Toxics Watch Society

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Communications Committee

Purpose:

The goal of the CASA Communications Committee is to provide direction and advice to strategic internal and external communications initiatives, plans and priorities in support of the CASA mission and vision. The Communications Committee formulates communication policy and direction for recommendation to the CASA Board of Directors.

Tasks:

1. The committee fulfills an advisory role to the CASA Board of Directors regarding strategic communications planning.
2. The committee ensures that communications strategy is developed, implemented and evaluated.
3. The committee will report annually to the CASA Board by:
 - a. Presenting the proposed communications plan for the next year.
 - b. Reporting on implementation of the current plan.
 - c. Reporting on the performance evaluation of the committee.
4. The committee will ensure that sufficient resources exist to implement the communications plan.

Timeline:

The Communications Committee meets quarterly and additional meetings are called as necessary.

Actual or Potential Links with other Project Teams:

CASA Board

This is a committee of the CASA Board of Directors and the Board approves the annual strategic communications plan for the organization. The committee is currently working on a policy for stakeholder advertising and is overseeing the organization of this Coordination Workshop.

Performance Measures Committee (PMC)

The Communications Committee administers performance measure 5 and is assisting the Performance Measures Sub-Committee with performance measure 4, the stakeholder satisfaction survey.

All teams and committees

The annual strategic communications plan sets the strategic direction for all team and committee communications.

(over)

Membership:

Alexandra	Frison	Canadian Association of Petroleum Producers (CAPP)	Co-Chair
Tony	Hudson	The Lung Association, Alberta & NWT	Co-Chair
Brian	Waddell	Alberta Environment	Member
Ian	Peace	Residents for Accountability in Power Industry Development (RAPID)	Member
Michael	Edge	Alberta Energy	Member
Parker	Hogan	Alberta Forest Products Association	Member
Tim	Goos	Environment Canada, Prairie and Northern Region	Member
Lynn	McNeil	CAPP and Canadian Natural Resources Limited	Alternate
Jimmy	Sadden	Alberta Energy	Alternate
Ken	Sterling	RAPID	Alternate
Gloria	Trimble	Environment Canada	Corresponding
Jillian	Flett	CASA	Ex-officio
Sharon	Hawrelak	CASA	Project Manager

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Performance Measures Subcommittee

Purpose

1. To develop a process for calculating and assessing CASA's performance with respect to the 5 performance measures stated in CASA's Business Plan
2. To oversee the calculation of CASA's performance indicators according to the process developed.

Key Tasks

1. To define one or more performance indicators for each of the performance measures
2. To develop a plan for obtaining a baseline for each indicator, to calculate each indicator, and to define a stewardship process for each indicator
3. To assess progress by comparing the current value of each indicator to the baseline value
4. To report to the CASA board on CASA's performance
5. To oversee the implementation and review of the developed CASA performance measuring process (i.e. the calculation of performance indicators).

Timeline

- The performance measures subcommittee was formed in November 2000.
- The first three performance measures are calculated every 3 years and the last two are calculated annually. The three year calculations were last approved by the CASA board for 2004 and the next are due for 2007.
- In 2005, the subcommittee commenced a comprehensive review of performance measures and indicators which go to the CASA board for approval in June 2007.

Actual or Potential Links with other Project Teams:

Communications Committee

This committee provides stewardship for Performance Measure 5 (Degree of recognition) and provides assistance with Performance Measure 4 (Stakeholder satisfaction survey)

All CASA Project Teams

CASA's performance measure #3 assesses the implementation of recommendations approved by the Board. To do this, each project team is asked to rate the implementation of their "substantive" recommendations. A recommendation in the Performance Measures Subcommittee's 2007 report is to have CASA project teams assess their own performance relative to their terms of reference.

Membership:

Mary	Griffiths	Pembina Institute	Member
Bob	Myrick	Alberta Environment	Member
Ted	Stoner	Western Div., Canadian Petroleum Products Institute	Member
Jillian	Flett	CASA	Chair
Brian	Free	CASA	Project Manager

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Performance Evaluation Committee 2007

Background:

CASA bylaws require a performance review every three years. It was recommended by a consultant conducting the last review in 2004 that an external consultant only be hired for every other evaluation. The Executive Committee recommended the following question be used to conduct the evaluation: *How effective is CASA in meeting the government of Alberta's clean air objectives?*

At its March 29, 2007 meeting, the CASA Board created the Performance Evaluation Committee 2007, a committee of the board, to develop and conduct the evaluation by the end of 2007.

Tasks:

- To evaluate CASA's performance in accordance with the CASA bylaws.
- Finalize the question to be used in the evaluation.
- Conduct the evaluation and analyze the results.
- Report to the CASA board on the results of the evaluation and any recommendations that may have arisen during or as a result of the evaluation.

Timeline:

Team formation – by end of June 2007

Terms of reference – by end of August 2007

Evaluation complete – by end of December 2007

Actual or Potential Links with other Project Teams:

Board

The Board will approve the terms of reference, question to be answered and final report. Board members may be interviewers or interviewed during the evaluation.

Membership:

Myles Kitagawa, Toxics Watch Society of Alberta, NGO

Mike G. Boyd, Alberta Energy, Government

Industry member pending

Sharon Hawrelak, Project Manager

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Vision Committee

Background

The CASA Vision is: *The air will be odourless, tasteless, look clear and have no measurable short or long term effects on people, animals or the environment.* At the September 2006 board meeting the CASA Board decided that the use of “odourless” in the Vision should be reviewed.

The proposed revised Vision is: *The air will have no adverse odour, taste or visual impact and have no measurable short or long term adverse effects on people, animals or the environment.*

Goal

Review and update, if necessary, the CASA Vision.

Key Task Areas

- Consider whether the Vision reflects the reality related to odours
- Revise vision as appropriate

Timelines

June 2007 Report to CASA Board

Actual or Potential Links with other Project Teams:

All teams

Since the CASA Vision is the umbrella under which all CASA teams operate the revised Vision links to all project teams. However, the revision will not likely change any of the teams' activities.

Confined Feeding Operations Project Team

The revised vision may assist the Confined Feeding Operations project teams in addressing odour issues.

Membership:

Carolyn Kolebaba	Alberta Association of Municipal Districts and Counties
Len Vogelaar	Alberta Beef Producers
Tim Lambert	Canadian Public Health Association
Jillian Flett	CASA

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Ambient Monitoring Strategic Planning Team

Goal:

Alberta will possess a dynamic, effective and efficient framework that provides the foundation for the development of a world-class ambient air quality monitoring system.

Objectives:

1. To build upon and improve the existing framework for the monitoring of ambient air quality in Alberta.
2. To expand the strategic plan to improve the dissemination of ambient air quality data and information in Alberta.
3. To develop an implementation plan based on the revised strategic plan for the monitoring of the ambient air quality in Alberta.

Key Task Areas:

1. Review and update *A Strategic Plan for Air Quality Monitoring in Alberta*, presented to the CASA Board in November 1995.
2. Review and update the *Alberta Ambient Monitoring Implementation Design Team – Report to the CASA Board*, presented to the CASA Board in December 1997.
3. Review ambient air quality monitoring frameworks in other jurisdictions.
4. Ensure that relevant stakeholders are consulted.
5. Prepare a new and improved framework, strategic plan and implementation plan for air monitoring in Alberta.

Timeline:

Revised Terms of Reference presented to the CASA Board.	2006
Final report and recommendations presented to the CASA Board	Early 2008

Actual or Potential Links with other Project Teams:

Clean Air Strategy

Air quality monitoring will likely be a component of the Clean Air Strategy.

Particulate Matter & Ozone Framework Implementation Team

Alberta's ambient monitoring system will be designed to adequately assess fine particulate matter and ozone levels throughout the province.

Flaring and Venting Project Team

Alberta's ambient monitoring system will be designed to adequately assess industrial emissions that impact certain regions of the province.

Electricity Project Team 5-Year Review

Alberta's ambient monitoring system will be designed to adequately assess industrial emissions that impact certain regions of the province.

Human and Animal Health Project Team

Alberta's ambient monitoring system includes human health and ecological effects related to air quality.

Confined Feeding Operations Project Team

Alberta's ambient monitoring system will be designed to adequately assess industrial emissions that impact certain regions of the province.

Ambient Monitoring – Operations Steering Committee

The AMSP Team will be producing a framework, strategic plan and implementation plan to guide air monitoring in Alberta. The Operations Steering Committee is a key stakeholder. Implementation will directly involve the Operations Steering Committee or a modified version thereof.

Performance Measures Subcommittee

Data for many CASA performance indicators will come from the ambient air monitoring network.

Membership:

Bob	Myrick	Alberta Environment	Co-Chair
Roxanne	Pettipas	ConocoPhillips Canada	Co-Chair
Bettina	Mueller	Alberta Environment	Member
Brian	Wiens	Environment Canada	Member
Chris	Severson-Baker	Pembina Institute	Member
David	McCoy	Husky Oil	Member
David	Spink	CEMA c/o Pravid Environmental Inc.	Member
Ian	Peace	RAPID	Member
James	Vaughan	Alberta Energy and Utilities Board	Member
Keith	Murray	Alberta Forest Products Association	Member
Ken	Omotani	TransAlta Corporation	Member
Kevin	Warren	Parkland Airshed Management Zone	Member
Merry	Turtiak	Alberta Health and Wellness	Member
Mike	Pawlicki	Lafarge Canada Inc.	Alternate
Findlay	MacDermid	RAPID	Alternate
Kim	Eastlick	Alberta Energy and Utilities Board	Corresponding
Myles	Kitagawa	Toxics Watch Society of Alberta	Corresponding
Brian	Free	CASA	Project Manager

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Ambient Monitoring Operations Steering Committee (OSC)

Purpose:

To provide overall direction for the cooperative monitoring system by:

1. Tracking progress in achieving the strategic plan;
2. Setting the annual budget for the Data Warehouse;
3. Approving the annual work plan;
4. Establishing policies and procedures;
5. Revising the strategic plan as required, and
6. Reviewing and evaluating the system.

Expectations:

In general, the Operations Steering Committee (OSC) will meet twice per year. The OSC will function more like a Board and not deal with implementation details. It will report once a year to the CASA Board. Technical committees will be formed on an ad hoc basis. The OSC will need to meet in the spring to develop its budget and documentation. A meeting in the fall will assess progress and refine plans for the coming year.

Timeline:

The team meets twice per year and is preparing to provide input to the proposed Ambient Monitoring Strategic Plan and implementation plan.

Actual or Potential Links with other Project Teams:

Ambient Monitoring Strategic Planning Team

The AMSP team's framework, strategic plan, and implementation plan will have a major influence on the future work of the Operations Steering Committee.

Performance Measures Subcommittee

The CASA data warehouse is the main source of data for the proposed performance indicators.

Other Project Teams

Project teams making recommendations related to ambient air monitoring or data dissemination should be familiar with the CASA data warehouse. It is Alberta's main repository of air monitoring data. This will eventually include ambient monitoring data from governments, airshed organizations and industry.

(over)

Membership:

Tom	Dickson	Alberta Environment	Chair
Michael	Bisaga	Lakeland Industry & Community Association	Member
Glynis	Carling	Imperial Oil Resources	Member
Shane	Lamden	NOVA Chemicals Corporation	Member
Keith	Murray	Alberta Forest Products Association	Member
Bob	Myrick	Alberta Environment	Member
Albert	Poulette	Alberta Environment	Member
Janine	Ross	Alberta Environment	Member
Bob	Scotten	West Central Airshed Society	Member
John	Squarek	Canadian Association of Petroleum Producers	Member
Merry	Turtiak	Alberta Health and Wellness	Member
Kevin	Warren	Parkland Airshed Management Zone	Member
Brian	Wiens	Environment Canada	Member
Brian	Free	CASA	Project Manager

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Alberta Airsheds Council (AAC)

Purposes:

- Identify and advocate for common interests of Alberta airshed zones;
- Facilitate communication and cooperation between airsheds and between airshed zones and the public.

Goals & Objectives:

- Communicating on a broad scale between airsheds in Alberta and with Albertans and others;
- facilitating information sharing between airsheds;
- acting as a resource for forming airsheds;
- providing a forum for discussing issues and concerns common to airsheds zones, and developing strategies and processes to address those issues;
- delegating airshed representation for various CASA working groups and project teams;
- hosting an airshed workshop about every two years on topics of mutual interest to airsheds;
- strengthening the relationships between airsheds and regulatory agencies.

Timeline:

AAC has held four meetings since an initial meeting in May 2006; next meeting is June 26 in Calgary.

Investigating representation on CASA Board of Directors in near future.

Will host the 2nd Zones Conference October 22 & 23, 2007 at the Radisson Airport Hotel in Calgary. The first conference was hosted by CASA in Edmonton in October 2005.

Actual or Potential Links with CASA Project Teams:

Ambient Monitoring Operations

All of the AAC member airsheds have representation on the operations steering committee. This group could be utilized to oversee and coordinate the ongoing implementation strategies developed to satisfy management frameworks developed by CASA teams or others, for example the PM and Ozone Management Framework.

Ambient Monitoring Strategic Planning

Some of the AAC member airsheds have representation on the team, all of the airsheds have interest in the strategic & implementation plan being developed by the team, specifically any recommendations that have potential impacts for airsheds.

Confined Feeding Operations

Two airsheds have representation on this team and have also conducted air quality monitoring in the vicinity of confined feeding operations. A third airshed has also identified emissions from CFOs as an issue of concern.

Flaring & Venting

No airsheds have direct representation on this team but there are mutual areas of interest in the areas of emissions inventories, flaring & venting reduction strategies, and characterization of flaring emissions.

Particulate Matter & Ozone Implementation Team

A number of airsheds have representation on this team, and five are located in areas that require Ozone Management Plans under the CASA PM and O₃ Management Framework. One airshed has formed an Ozone Management Team that is currently in the early stages of collecting emissions, modeling and monitoring data.

Membership:

Alberta Capital Airshed Alliance (ACAA)
Calgary Region Airshed Zone (CRAZ)
Fort Air Partnership (FAP)
Lakeland Industry & Community Association (LICA)
Palliser Airshed Society (PAS)
Parkland Airshed Management Zone (PAMZ)
Peace Airshed Zone Association (PASZA)
West Central Airshed Society (WCAS)
Wood Buffalo Environmental Association (WBEA)

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Indoor Air Quality Project Team

Purpose:

The Indoor Air Quality Project Team is dedicated to facilitating the development of comprehensive and coordinated approaches to addressing indoor air quality concerns in Alberta. The work of the IAQ Project Team is consistent with the following CASA goals:

1. Protect the environment and human health;
2. Optimize economic performance and efficiency;
3. Seek continuous improvement; and

In consideration of the CASA vision for air quality: *“The air will have no adverse odour, taste or visual impact and have no measurable short or long term adverse effects on people, animals or the environment.”*, the vision of the IAQ Project Team for indoor air quality is: *“The indoor air where people live, work and recreate will be free from physical, chemical and biological contaminants that adversely affect the health, safety and comfort of the occupants.”*

Indoor Air Quality (IAQ) is the quality of air affecting the short and long term health, safety and comfort of occupants. The IAQ Project Team will focus at the strategic level and accommodate changes to their scope of interest in the event of emerging or evolving issues pertaining to indoor air quality.

Tasks:

Current and progressive tasks of the IAQ Project Team are as follows:

1. Describe current roles and jurisdiction on IAQ management in Alberta.
 - 1.1. Identify current IAQ reference materials, resources, legislation, and other relevant documents applied by principle stakeholders in addressing IAQ issues in Alberta.
2. Identify opportunities to improve knowledge and coordination of stakeholders respective roles and jurisdiction in IAQ initiatives and responsibilities
3. Improve our collective ability to address IAQ issues in Alberta
4. Increase public awareness on IAQ issues
5. Facilitate the delivery of an Educational Symposium in IAQ
6. Identify key issues pertaining to IAQ management in Alberta including recommended strategies to address those issues.
7. Report to the CASA board of Directors

Timelines:

The IAQ Working Group was constituted in May 2004 and reconstituted under a refreshed terms of reference in December 2006.

Tentative timelines to key tasks have been proposed as follows:

1. Compendium of IAQ Reference Materials: May 2007
2. IAQ Project Team Retreat: July 2007
3. IAQ Educational Symposium: Fall 2008

Potential Links with Other Project Teams:

1. Clean Air Strategy
2. Human and Health Implementation Team
3. Performance Measures Sub-committee
4. Communications Committee
5. Ambient Monitoring Strategic Planning Working Group

Team Members:

Name	Organization
Ludmilla Rodriguez	Capital Health
Dennis French	DF Technical & Consulting Services Ltd. (Co-chair)
Brenda Woo	Health Canada
Diane Radnoff	Employment Immigration and Industry (Co-Chair)
Anand Mishra	Canada Mortgage and Housing Corporation
Ashish Mohapatra	Calgary Health Region
Roger Steele	Building Owners and Management Association
TBD	Alberta Lung Association
Jason Foster	Alberta Federation of Labour
Les Hagen	Action on Smoking and Health
Darcy Garchinski	Northern Lights Health Region
Russell Miyagawa	Toxics Watch Society of Alberta
Tim Leung	Alberta Infrastructure and Transportation
Merry Turtiak	Alberta Health and Wellness
Raymond Wong	Alberta Environment
Kevin McLeod	CASA – Project Manager

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Confined Feeding Operations Project Team

Purpose:

The CASA Confined Feeding Operations Project Team works within the CASA consensus process to develop a strategic plan to improve the management of air emissions from existing and future CFOs in Alberta and to improve relationships between stakeholders.

In developing the plan, the team considers the following principles:

- continuous improvement and pollution prevention to protect air quality;
- prevention of short and long-term adverse effects on human, animal and ecosystem health due to air emissions; and
- assurance that air quality recommendations maximize social, economic, environmental and health benefits and minimize social, economic, environmental and health costs.

Key Tasks:

1. Create mutual understanding of the CASA process.
2. Improve stakeholders' understanding of air quality issues related to CFOs.
3. Gather information related to air quality issues.
4. Identify information gaps and work to fill those gaps, by using internal and external resources or by making recommendations for future work.
5. Based on determined needs, conduct risk analyses.
6. Identify and assess components of an air quality strategic plan.
7. Consider the need for, and possible approaches to communication and/or consultation with the public.
8. Evaluate the project team's achievement of its goal and make recommendations for subsequent process(es).
9. Develop a final report and recommendations to the CASA board, including a plan for tracking the implementation of the strategic plan and reporting to CASA board on the implementation of the plan.

Timeline:

- Status reports to CASA Board – quarterly
- Interim report to confirm direction and progress with CASA Board – June 2006
- Final report and recommendations – 2007

Work underway:

Four sub-groups are working to inform the team's decisions (see sub-group description sheets for more info): Management Mechanisms, Jurisdictional Review, Effects and Emissions Inventory Sub-groups.

A definition of odour has been agreed upon by consensus.

Actual or Potential Links with other Project Teams:
Human and Animal Health Implementation Team

There is mutual interest in the areas of ecological effects and human health effects.

Clean Air Strategy Working Group

There is a potential for the outcome of this team to be included in the Clean Air Strategy.

Membership:

Rients	Palsma	Alberta Milk	Co-Chair
Barbara	Shackel- Hardman	Alberta Agriculture, Food and Rural Development	Co-Chair
Ross	Warner	Soc.for Environmentally Resp. Livestock Operations	Co-Chair
Humphrey	Banack	Wild Rose Agriculture Producers	Member
Ann	Baran	Southern Alberta Environmental Group	Member
Bob	Barss	Alberta Association of Municipal Districts &Counties	Member
Maureen	Elko	Chinook Health Region	Member
Paul	Hodgman	Alberta Pork	Member
Ahmed	Idriss	Alberta Environment	Member
Bruce	Inch	Government of Canada	Member
Martha	Kostuch	Bert Riggall Environmental Foundation	Member
Norm	Lowe	Alberta Urban Municipalities Association	Member
Doris	Ludlage	Alberta Poultry Producers	Member
Jim	McKinley	Government of Alberta	Member
Debra	Mooney	Alberta Health and Wellness	Member
Usha	Mulukutla	Calgary Health Region	Member
Denis	Sauvageau	Friends of an Unpolluted Lifestyle	Member
Rich	Smith	Alberta Beef Producers	Member
Len	Vogelaar	Alberta Beef Producers	Member
Kevin	Warren	Parkland Airshed Management Zone	Member
Eugene	Wauters	Alberta Association of Municipal Districts &Counties	Member
Brian	Wiens	Environment Canada	Member
Brenda	Woo	Health Canada	Member
Cheryl	Bradley	Southern Alberta Environmental Group	Alternate
Jodi	Hesse	Alberta Pork	Alternate
Grace	MacGregor	Wild Rose Agricultural Producers	Alternate
Ian	Peace	Residents for Accountability in Power Industry Dev.	Alternate
Stuart	Thiesson	Alberta Beef Producers	Alternate
Jim	Turner	Natural Resource Conservation Board	Alternate
Kimberley	Williams	Alberta Pork Producers	Alternate
Atta	Atia	Alberta Agriculture, Food and Rural Development	Corresponding
Kris	Chawla	Government of Alberta	Corresponding
Marilyn	Craig	Alberta Energy and Utilities Board	Corresponding
Stephan	Gabos	Alberta Health and Wellness	Corresponding
Ray	Harrison	Alberta Sheep & Wool Commission (ASWC)	Corresponding
Barb	Hazelton	Alberta Environment	Corresponding
Jim	Kiss	The Farmers Advocate	Corresponding
Brian	Koberstein	Alberta Agriculture Food and Rural Development	Corresponding
John	McGowan	Alberta Urban Municipalities Association	Corresponding
Gary	Sargent	Canadian Association of Petroleum Producers	Corresponding
Carrie	Selin	Alberta Milk	Corresponding
Mitch	Shier	Heenan Blaikie LLP Lawyers, SEPAC	Corresponding
Susan	Valentine	Alberta Association of Municipal Districts &Counties	Corresponding
Matthew	Dance	Clean Air Strategic Alliance	Project Manager

CASA Coordination Workshop – June 20, 2007

Vehicle Emissions Team

Purpose:

The Vehicle Emissions Project Team is dedicated to facilitating the development of comprehensive and coordinated approaches to reduce vehicle emissions in Alberta and to support the CASA vision of clean air. The work of the VE Project Team is consistent with the following CASA goals:

1. Protect the environment and human health;
2. Optimize economic performance and efficiency; and
3. Seek continuous improvement.

Tasks:

Current and progressive tasks of the VE Project Team are as follows:

1. Identify, evaluate and recommend areas of further action to reduce vehicle emissions.
2. Implement initiatives approved by the CASA board.
3. Influence/advocate implementation of policies and programs that reduce transportation emissions.
4. Serve as a resource/provide expertise to CASA teams and other organizations.
5. Identify and recommend communication/public education on vehicle emissions.
6. Identify gaps and make recommendations to address those gaps.

Related activities to the key tasks are and have been:

1. Identify potential reduction opportunities for on- and off-road heavy-duty vehicles.
2. Upgrade modelling for current and future vehicle emissions forecasts.
3. Identify and promote transportation demand management measures.
4. Implement initiatives approved by the CASA board such as the ROVER II Project .
5. Gather information on travel demand patterns.
6. Promote the Team's initiatives and projects.

Timelines:

The Vehicle Emissions Project Team has completed the field work associated with the ROVER II Project. The final report for the ROVER II Project is expected to be completed by the fall of 2007. In the meantime, the Vehicle Emissions Team will refresh its Terms of Reference with the idea of devoting continued attention to Transportation Demand Management as well as any other initiatives that may arise from the ROVER II Report.

Actual or Potential Links with other Project Teams

1. Clean Air Strategy
2. Communications Committee
3. Indoor Air Quality Team
4. Ambient Monitoring Strategic Planning
5. Human and Animal Health Project Team
6. Particulate Matter & Ozone Implementation Team

Team Members:

Alan	Brownlee	City of Edmonton	Co-Chair
Gerry	Ertel	Canadian Petroleum Products Institute (CPPI) / Shell Canada Products Limited	Co-Chair
Casey	Chan	Alberta Environment	Member
Don	Szarko	Alberta Motor Association	Member
Gene	Syvenky	The Alberta Roadbuilders & Heavy Construction Association	Member
Greg	Bartlett	ATCO Gas	Member
John	Rilett	Climate Change Central	Member
Mayne	Root	Alberta Motor Transportation Association	Member
Myles	Kitagawa	Toxics Watch Society of Alberta	Member
Peter	Dzikowski	Alberta Infrastructure and Transportation	Member
Reed	Turner	Alberta Agriculture	Member
Ron	Schafer	City of Calgary	Member
Scott	Wilson	Alberta Motor Association	Member
Stewart	Henderson	ATCO Gas	Corresponding
Jack	Thompson	Calgary Motor Dealers Association	Corresponding
Josee	Maillette	Environment Canada	Corresponding
Lynda	Harvey	Natural Resources Canada	Corresponding
Kevin	McLeod	CASA	Project Manager

CASA Coordination Workshop, June 20, 2007

Clean Air Strategy Working Group

Background:

At their March 2007 board meeting, the CASA Board of Directors approved a Clean Air Strategy statement of opportunity brought forward by Alberta Environment.

Air quality has important effects on the well-being of Albertans and the environment. The rapid economic and population growth in the province, combined with the public's increased awareness of health and lifestyle issues highlight the need for an update to the 1991 clean air strategy for Alberta. The strategy would become the Government of Alberta's long term commitment to clean air, explore innovative ideas and respond to emerging issues.

Goal: To develop a clean air strategy for Alberta.

Objectives:

Recommend a clean air strategy that would serve as the foundation of the Government of Alberta's long term strategy for clean air. The strategy will:

1. Protect the Environment
2. Optimize Economic Performance and Efficiency
3. Seek Continuous Improvement.
4. Provide a strategic framework for existing and future clean air initiatives.
5. Identify areas and issues of special focus
6. Demonstrate the commitment of government, industries and individuals to clean air in Alberta.
7. Signal to all Albertans the direction Alberta is going regarding clean air.
8. Clearly describe clean air outcomes

Guiding Principles:

The guiding principles presented here are intended to outline the values as well as the strategic questions and direction that should be considered when creating a Clean Air Strategy for Alberta. These guiding principles include, but are not limited to:

- Protect human health and ecological integrity within Alberta
- Encourage air quality management and decision making that uses a cooperative and constructive processes
- Support the various levels of government in their shared responsibility for air quality management
- Consult with stakeholders and / or the public on the Clean Air Strategy for Alberta
- Take a balanced, integrated, & multi-sectoral approach to address ecological and human health issues
- Take a parallel paths approach that encourages a process which identifies gaps and works concurrently to address those gaps
- Base decisions on the concepts of sustainable development or triple bottom line where environment, economics, and social well being are considered equally
- Design a Clean Air Strategy with a long term approach that considers demographics and economic growth

Timelines:

June 2007	Terms of Reference approved and a project team formed
September 2007	Clean Air Strategy Project Team first meeting
March 2008	Status report to the CASA Board
December 2008	Final report and recommendations presented to the CASA Board

Proposed membership on the project team may include:

Agriculture
Alberta Environment
Alberta Health and Wellness
Alberta Urban Municipalities Association
Canadian Association of Petroleum Producers
Canadian Natural Resources Ltd.
Environment Canada
First Nations
Imperial Oil
Métis
Pembina Institute
PPA Buyers
Prairie Acid Rain Coalition
Suncor Inc.
The Lung Association
Toxics Watch Society of Alberta
TransAlta Corp.
Transportation

Actual or Potential Links with other Project Teams:

The Clean Air Strategy will likely have linkages to every CASA team.

Working Group Membership:

Al	Mok	Suncor Inc. Resources Group
Alexander	MacKenzie	Alberta Health and Wellness
Anita	Sartori's	Canadian Natural Resources Limited
Bettina	Mueller	Alberta Environment
Christine	Byrne	Imperial Oil Resources
Colin	Pate	Alberta Energy
Jillian	Flett	Alberta Environment
Len	Bracko	Alberta Urban Municipalities Association
Long	Fu	Alberta Environment
Martha	Kostuch	Bert Riggall Environmental Foundation & Prairie Acid Rain Coalition
Matthew	Dance	Clean Air Strategic Alliance
Mike	Kelly	TransAlta Corporation
Nashina	Shariff	Toxics Watch Society of Alberta
Steve	Kennett	Pembina Institute
Tony	Hudson	The Lung Association, Alberta & NWT

CASA Coordination Workshop, June 20, 2007

Electricity Framework – Five Year Review Working Group

Background:

At the March 2007 Board meeting, the CASA Board of Directors approved a Statement of Opportunity brought forward by Alberta Environment to begin a five year review of the *Emissions Management Framework for the Alberta Electricity Sector* as outlined in the Electricity Project Team Report to Stakeholders (Nov 2003).

The Framework recommends that government undertake a multistakeholder review of Best Available Technology Economically Achievable and other related elements within the Framework during 2008. This includes a number of specific tasks set out in the recommendations.

Goal:

Review and update, if necessary, elements of the *Emissions Management Framework for the Alberta Electricity Sector Report to Stakeholders* as described in recommendation 29 and associated recommendations in the above report.

Key Task Areas:

- Update specific air emissions standards for new electric power plants constructed after 2010. This includes emissions of nitrogen oxides, sulfur dioxide, mercury, particulate matter and greenhouse gases as related to recommendation 25.
- Review new information related to List 2 substances and identify if further action is needed.
- Compile and review additional information that illustrates potential health effects associated with emissions from the electricity sector
- Review technology and technology specific requirements for the electricity sector
- Review new information on source characterization (including recommendation 71) and identify if further action is needed
- Review particulate matter reductions as per recommendation 22
- Review the use of reciprocating engines to determine if they should be considered as part of the framework (as per recommendation 12)
- Review whether the economic trigger referred to in recommendation 35 has been met
- Review whether the environmental trigger referred to in recommendation 34 has been met.
- Review continuous improvement reports submitted by industry pursuant to recommendation 29.
- Review the proposed federal regulatory agenda for air emissions as it related to the Framework and
- Make recommendations for future five year reviews

Timelines:

June 2007 Report to CASA Board on terms of reference
Nov 2008 Final report to CASA board on findings of review

Actual or Potential Links with other Project Teams:

Energy Efficiency and Conservation Project Team, Renewable and Alternative Energy Project Team

The electricity efficiency and conservation project team and the renewable and alternative energy project team have identified and discussed issues that may be of interest to the EPT project team.

Science Symposium on Nitrogen

The Science Symposium on Nitrogen also addressed issues relating to NOx that may be relevant to this team.

Particulate Matter & Ozone Implementation Team

Electricity generation is source of particulate matter and pre-cursors of ozone.

Membership:

Al	Schulz	Canadian Chemical Producer's Association Lake Wabamun Enhancement & Protection Association	Co-chair
Linda	Duncan	Alberta Environment	Co-chair
Long	Fu	TransAlta Corporation	Co-chair
Mike	Kelly	Alberta Energy	Member
Bevan	Laing	Prairie Acid Rain Coalition	Member
David	Spink	Alberta Health and Wellness	Member
Merry	Turtiak	TransAlta Corporation	Member
Mike	Kelly	Toxics Watch Society of Alberta	Member
Nashina	Shariff	Alberta Environment	Member
Randy	Dobko		
	Marr-		
Tom	Laing	Pembina Institute	Member
			Project
Jillian	Flett	Alberta Environment	Manager

A notice will be given to previous Electricity Project Team members to provide them with an opportunity to participate in the EPT 5 year review project team

CASA Coordination Workshop, June 20, 2007

Particulate Matter & Ozone Framework Implementation Team

Goal:

To support and when required, facilitate, the timely implementation of the Alberta Particulate Matter and Ozone Management Framework (2003).

Objectives:

- Assess and report on progress in the implementation of the Alberta PM and Ozone Framework;
- Assist with, and provide advice in implementing the PM and Ozone Framework, and the associated recommendations to the CASA board (see attachment);
- Fulfill the role of the *multi-stakeholder* as referred to in the recommendations of the framework (see attachment);
- Provide input to and share information with the national process and Canada-Wide Standards for fine PM and Ozone process;
- Provide support and advice to groups developing management plans, and
- Facilitate, when necessary, cooperation and communication between implementers of the PM and Ozone Framework.

Key Task Areas:

1. Review and assess regularly the progress made towards implementing the PM and Ozone Framework.
2. Identify appropriate mechanisms for tracking and reporting progress.
3. Develop reports on progress of implementation of the PM and Ozone framework.
4. Discuss and provide advice on plans, including timelines, for implementation work.
5. Identify needs for future implementation work and make recommendations to fill the gaps.
6. Liaise with relevant stakeholders, including CASA project teams, governments, airshed zones and other stakeholders involved in particulate matter and ozone management.
7. Determine if any public consultation activities are required.
8. Report to the board.
9. Report to stakeholders.

Timelines:

- The implementation project team will assess the need for continuation of the team every 2 years.
- The team will report to stakeholders and the Board on progress of the implementation of the framework annually.

Actual or Potential Links with other Project Teams:

Airsheds

With the triggering of the management plan levels of the Framework, airsheds in the three urban Census Metropolitan Areas (Calgary, Edmonton and Red Deer) may request assistance with the development of management plans to reduce ozone levels.

Vehicle Emissions Team

Vehicle emissions contribute to ground-level ozone formation and the team may have a role in recommending the reduction of vehicle emissions as a management plan action to reduce ozone levels.

Membership:

Claude	Chamberland	Shell Canada Limited	Co-Chair
Bob	Myrick	Alberta Environment	Co-Chair
Ian	Peace	Residents for Accountability in Power Industry Development	Co-Chair
Alan	Brownlee	City of Edmonton	Member
David L.	Day	City of Calgary	Member
Debra	Hopkins	Health and Wellness	Member
Myles	Kitagawa	Toxics Watch Society of Alberta	Member
Martha	Kostuch	Bert Riggall Environmental Foundation & Prairie Acid Rain Coalition	Member
Rachel	Mintz	Environment Canada	Member
Keith	Murray	Alberta Forest Products Association	Member
Stan	Nowakowski	City of Calgary	Member
Mike	Pawlicki	Lafarge Canada Inc.	Member
Scott	Sangster	NOVA Chemicals - Joffre Site	Member
Dave	Slubik	EPCOR	Member
John	Squarek	Canadian Association of Petroleum Producers	Member
Lisa	Stroscher	Calgary Health Region	Member
Darcy	Walberg	Agrium	Member
Kevin	Warren	Parkland Airshed Management Zone	Member
Andrew	Clayton	Alberta Environment	Corresponding
Long	Fu	Alberta Environment	Corresponding
Crystal	Parrell	Alberta Environment	Corresponding
Gina	Rau	Graymont Western US Inc.	Corresponding
Kristofer	Siriunas	Alberta Energy and Utilities Board	Corresponding
Brian	Free	CASA	Project Manager

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Flaring and Venting Implementation Team

Purpose:

- To assess the performance and make recommendations regarding the Alberta solution gas flaring management framework.
- To develop recommendations to address a broader range of flaring and gas venting issues in Alberta.

Key Outcomes:

The Alberta Energy and Utilities Board addressed the 44 recommendations from all three CASA Flaring and Venting Team reports at the same time via Directive 60, which came into effect on Jan 31, 2007.

Decisions are pending from Alberta Energy on the two recommendations regarding royalties. The Canadian Association of Petroleum Producers updated the CASA board in late 2006

In Alberta, solution gas flaring has been reduced by 72 per cent since 1996, and solution gas venting has been reduced by 59 per cent since 2000. Overall, 96.3% of all solution gas produced in Alberta in 2005 was conserved for use or sale, rather than being flared and vented. (Source: Alberta Energy and Utilities Board, May 2007)

The team recommended a unique management framework to deal with solution gas flaring, and within the overall framework, recommended innovative actions to achieve the overall goal of eliminating this source of emissions.

CASA received the 2005 Canadian Council of Ministers of the Environment Pollution Prevention Award for the Flaring and Venting Project and the 1999 Alberta Emerald Award for management of routine solution gas flaring.

Timeline:

The Flaring and Venting project team met in 2006 to discuss progress on implementation of the framework and subsequently updated the CASA board on expected completion dates of five best practices management guides:

- Fugitive emissions and facility flaring - December 31, 2006.
- Well test flaring - March 31, 2007.
- Flare maintenance and venting close to residences - December 31, 2007.

The team is in abeyance until 2008 when it will meet again to review implementation.

Actual or Potential Links with other Project Teams:

Human and Animal Health Team

One of the key reasons for creating a project team to reduce flaring and venting from the petroleum industry was the public concern about the health effects of flaring and venting emissions.

Particulate Matter & Ozone Implementation Team

The reduction of flaring and venting has the benefit of reducing emissions of particulate matter and ozone precursors from the upstream petroleum sector.

Performance Measures Subcommittee

Volumes of solution gas flared and vented by the upstream petroleum industry has been recommended as a CASA performance indicator.

Membership:

Chris	Severson-Baker	Pembina Institute	Co-Chair
John	Squarek	Canadian Association of Petroleum Producers	Co-Chair
Michael	Brown	Alberta Energy & Utilities Board	Co-Chair
Andrew	Higgins	Canadian Natural Resources Limited	Member
Barry	Ranger	Small Explorers & Producers Assoc. of Canada (SEPAC)	Member
Danielle	Moffat	Alberta Energy	Member
Debra	Hopkins	Health and Wellness	Member
Doreen	Rempel	MGV Energy Inc. / CSUG	Member
Ian	Peace	Residents for Accountability in Power Industry Development (RAPID)	Member
Jeff	Cormier	Department of Energy	Member
Jim	Spangelo	Alberta Energy and Utilities Board (EUB)	Member
Len	Vogelaar	Alberta Beef Producers	Member
Martha	Kostuch	Bert Riggall Environmental Foundation & Prairie Acid Rain Coalition	Member
Ralph	Smith	Wildrose Agricultural Producers	Member
Randy	Dobko	Alberta Environment	Member
Thom	Sedun	Government of BC, Oil and Gas Commission	Member
Wayne	Hillier	Husky Oil Limited	Member
Terri	Carroll	SEPAC	Corresponding
Brian	Free	CASA	Project Manager

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Human & Animal Health Implementation Team

Purpose:

- To provide a plan for implementation of the recommendations from the Human Health Project Team and the recommendations from the Animal Health Project Team.
- Successfully complete specific objectives as identified below.

Objectives:

- Review and provide an implementation plan for the recommendations from the Human Health Project Team (Appendix 3). Support the implementation of the plan as appropriate.
- Provide an implementation plan for the recommendations from the Animal Health Project Team (Appendix 2). Support the implementation of the plan as appropriate.
- Identify emerging issues in the area of air emissions and their effects on human and animal health.
- Organize a workshop(s) to disseminate information about the HERS system.
- Receive information about current and future research in the areas of human and animal health.
- Make recommendations to the CASA Board to address emerging issues and research.
- Provide information support to other project teams.
- Periodically evaluate, review and make any needed changes to the Herd and Environmental Record System and the Community Monitoring Brochure.
- Ensure adequate and appropriate communication with all stakeholders.

Timeline:

Human and Animal Health Working Group convenes	June 2003
HAHT Terms of Reference approved by the CASA Board	March 2004
Report to the CASA board	Sept. 2007

Membership:

Ruth	Yanor	Mewassin Community Action Council	Co-Chair
Al	Schulz	Canadian Chemical Producer's Association	Member
Angela	Varley	Petro Canada	Member
Bob	Savage	Alberta Environment	Member
Brenda	Woo	Health Canada	Member
		Health Canada, Alberta/Northwest Territories	
Bryan	Haggarty	Region	Member
Gary	Sargent	Canadian Association of Petroleum Producers	Member
Greg	Ritz	Rocky Mountain House Community Health Centre	Member
Ila	Johnston	Parkland Airshed Management Zone	Member

Jim	Benum	Alberta Energy and Utilities Board	Member
Joe	Kendall	Alberta Agriculture, Food and Rural Development	Member
John	Squarek	Canadian Association of Petroleum Producers	Member
Judy	Huntley	Bert Riggall Environmental Foundation	Member
Kim	Eastlick	Alberta Energy and Utilities Board	Member
Laura	McLeod	David Thompson Health Region	Member
Martha	Kostuch	Bert Riggall Environmental Foundation & Prairie Acid Rain Coalition	Member
Merry	Turtiak	Alberta Health and Wellness	Member
Raymond	Wong	Alberta Environment	Member
Simon	Cobban	Intensive Livestock Working Group	Member
Matthew	Dance	Clean Air Strategic Alliance	Project Manager