



GENERAL MEETING MINUTES

FEBRUARY 20, 2009

9:00 a.m. – 2:00 p.m., Main Conference Room

Penn West Building, 50th Avenue West, Drayton Valley, AB

IN ATTENDANCE

Cecil Andersen	WCAS Chairman, Pembina Agriculture Protection Association
Brian Novak	TransAlta Generation Partnership
Kelly Fyhn	Epcor Utilites Inc.
Rick McNallie	Blaze Energy
Lori	Blaze Energy
David Helmer	Alberta Environment
Rick Phaneuf	Alberta Environment
Jolene Scott	Alberta Environment
Steve Harrington	ERCB
Lisa Klemp	ERCB
John Grant	ERCB
Bob Kitching	Brazeau County
Audrey Kelto	Leduc County
Cheryl Bissell	Yellowhead County
David Brand	Sherritt International
Roxanne Pettipas	ConocoPhillips Canada
Brenda Gehren	Communications Consultant
Bob Scotten	WCAS Executive Director
Greg Swain	WCAS Operations Manager
Patrick Andersen	WCAS QA/QC
Heather Plumb	WCAS Office Manager

ACTION ITEMS

Action Item 1: *Bob to write letter to Bob Stone and Bob Myrick regarding the discontinuation of the PM10 monitoring.*

Action Item 2: *Upon further research, WCAS to install new generator as soon as possible.*

Action Item 3: *Heather to produce working copy and Bob to develop a new TransAlta/Epcor/WCAS contract.*

Action Item 4: *Bob to invite Alberta Health to attend AGM to discuss AQHI.*

1. Welcome and Introductions

Cecil Andersen called the meeting to order at 9:10 a.m.. Introductions were made.

2. Approval of Agenda

Approved with addition of 12.a. AQHI: Air Quality Health Index.

3. Approval of November 21, 2008 Meeting Minutes

Approved as presented.

4. Communications Consultant: Brenda Gheran

WCAS has obtained the services of Brenda Gheran, Communications Consultant, for the production of the West Central Airshed Society's annual report. Brenda's experience includes the creation of newsletters, annual reports and other promotional material for the Strathcona Industrial Association. Brenda expressed that she was "impressed" with the activities of WCAS contained within the annual report as well as the look and readability of the report. In preparation for the 2008 report Brenda will be appraising the WCAS Strategic Plan, our current data as well as photographs of the stations. Additionally Brenda will be conducting a brief survey of pointed questions, seeking insight from key stakeholders including landowners, the general public as well as board members. The goal this year to create a document that "transcends" well between print and electronic versions and should be completed in early April. Audrey made the suggestion that perhaps the annual report could be "rate-payer" friendly with direction to more technical resources for those whom are interested. Brenda mentioned that it may be possible to include a 5 year snapshot relating to the questions of "is the air getting better/worse and why". Bob K. would also like to see the trends in relation to ozone and some sort of plan to go forward with.

5. PM and Ozone Management Plan Review: Bob Scotten (Listed as Agenda Item #6)

The final draft of the PM and Ozone Management Plan has been submitted to Alberta Environment. Once the final draft has been approved the WCAS board as well as the other participating boards will have the option of endorsing the Plan. Once the region has provided their endorsements the Plan will then be signed off by the Deputy Minister of Alberta Environment. As it is now, the Plan has been well thought out, is comprehensive and has been reviewed by four sets of stakeholders. The Plan takes into consideration a large volume of science, numerous consultations, emission inventories as well as a review of previous emission events.

Bob provided a brief synopsis of the Executive Summary. The Plan includes the consensus area of the Edmonton Metropolitan region and takes into account a number of emission sources while acknowledging that there are gaps in the data and well as available information. Alberta Environment is to undertake a study/studies to fill the gaps. In preparing the Plan, the PM and Ozone committee completed a review of existing plans, as well as a study of NOx emissions and VOCs which are difficult to study. While there continues to be resistance from the Air and Rail sectors, both the Power Generation and the Oil and Gas industries continue to see significant drops in emissions due to advancements in technologies. Other significant emitters should see a drop in emissions over time also due to advancements in technology examples include more efficient

homes, anti-idling by-laws as well as the reduction in older vehicles as they produce an estimated 80% of the emissions.

In response to Audrey's inquiry regarding the Edmonton International Airport, Bob stated that no reductions have been put forward to lower emissions other than newer aircraft that produce 20% lower emissions.

Bob K raised the question of participation across of all industries. Bob reiterated that the rail industry is not affected by Provincial regulations as well as the 8% of unknown industries that must be further studied. Bob also summarized the goals of the PM and Ozone Plan as filling in the data gaps, encouraging reductions, garnering public support and finally ongoing evaluations of the Plan.

Rick P. stated that some older initiatives, five to ten years old are just now coming into effect.

David also expressed support for the Plan, as the plan is "well written and supports revisiting" although wondered about the "thought process in terms of measures of success". Bob confirmed that accountability would stem from monitoring as well as the Capital Air Partnership meeting quarterly to review the program.

Cheryl articulated while there is majority buy-in, what happens to the others i.e. rail, as well as the question of whom wields the "hammer"? Bob responded that the "hammer" will remain in the hands of Alberta Environment. David felt that Alberta Environment may at some point refuse applications. Bob also felt that improved monitoring would help to expose sources.

Bob K. inquired as to whether or not enforcement would be shared with the municipalities and who would develop the incentives. Bob communicated that it was likely that yes, it would be a shared responsibility. ie. anti-idling by-laws or a "cap".

Greg raised the question of a possible cap of PM2.5? While PM is not a problem in this area, it is in the Calgary area. Furthermore some of the PM10 equipment is reaching the end of its lifecycle and may need to be replaced. Bob posed the possibility of removing the PM10 due to the limited value of the data they provide.

Action Item #1: Bob to write letter to Bob Stone and Bob Myrick regarding the discontinuation of the PM10 monitoring.

The board passed the acceptance of the PM and Ozone Management Plan by consensus.

6. Financial Update: Heather Plumb (Listed as Agenda Item #5)

Heather presented the Statement of Revenue and Expenses as at December 31, 2008 (**Appendix A**), as well as the Statement of Revenue and Expenses as at February 15, 2009 (**Appendix B**). Also presented was a final list of 2008 outstanding invoices as well as a description of the WCAS funding formula (**Appendix C**).

In addition to submitting the West Central Airshed Society year end financials to the accountant, the 2009 Invoices have been sent out.

Bob and Bob K. both repeated concerns regarding the economic conditions, the intense scrutiny and push back we are likely to experience this year. Rick P. responded that if some of the various

operations did not contribute to WCAS, that they would be responsible for providing their own monitoring, currently in the operating range of \$60,000 per year per station.

Roxanne expressed her appreciation for the value of WCAS, and noted that most organizations have most likely budgeted for an air monitoring expense. Although Patrick articulated much of our push back comes from multi-nationals. While WCAS experiences general support, if our organization, and others like it, fail, air monitoring with then fall under the domain of Alberta Environment and may become a requirement, as surmised by Cecil.

Brian also conveyed the value of WCAS and our ability to provide a neutral third party service. To which Cecil supported WCAS as unbiased, well produced and widely accepted data. And while the work is unknown to the general public, it is highly recognized in environmental circles.

7. Funding Formula Discussion: Roxanne Pettipas

Roxanne opened this discussion with praise for both the value and reliability of our society and our data, as she participates in a number of airshed organizations.

Her main concern included invoicing issues including undercharging, overcharging, data being out of data, changes in operators and the numerous sources of data. One solution suggested was the use of the NPRI data that is submitted June 1, as the businesses submit to NPRI could they not submit to WCAS at the same time. It was felt that to may be extremely difficult as all organizations do not have to submit the data at the same time as well as there are often revisions on later dates.

Roxanne through her involvement with CASA, expressed an expectation of changes due to the updating of the CASA Strategic Plan. The Plan will address gaps in data, a polluter pays system, and a new funding formula that will be standardized. Bob indicated that a standardized system would be a huge benefit to WCAS. Roxanne communicated that in the interim, as the Plan is finalize and implementation initiated, she would like to see changes to WCAS invoice procedures, including the use of 2009 and NPRI dates. Patrick responded that the NPRI data has been fixed so that there will be no more duplication of locations. Another concern raised was the use of historical names. Patrick was also able to reply that thru the use of longitude and latitude we have been able to eliminate duplications.

Bob recognized that WCAS does suffer from several data problems, specifically the lag in data, but that a new funding formula would elevate many of the issues.

8. ERCB Presentation, Fugitive Emissions: John Grant

(Due to the size and nature of the presentation, please contact the WCAS office for PowerPoint Presentation and Videos)

9. LUNCH

10. Zone Managers Report: Bob Scotten

a. Hightower

Hightower continues to face unexpected challenges as an alternate energy station. In addition to the Solar and Wind energy, Hightower is backed up with a propane generator, in order to provide energy when the solar and wind energy is insufficient, as well as a reserve propane generator to prevent down time, i.e. when maintenance is needed. Unfortunately earlier this week the generator “blew up” while the other generator was out of commission. Bob proposed the purchase of a new generator, most likely diesel, which would rectify the numerous generator issues. While a diesel generator may pose a slight emissions issue, according to EPA recommendations the generator could be situated 100 m from the station. Options include a new propane generator, which would not be available until the end of the month or a new diesel with a scrubber removing the emissions issue. In any case Hightower will be down for the next week or two. Estimates for either a new propane or a new diesel are approximately \$10,000 as well as an extra charge for a scrubber, a tank for diesel fuel and a shack for security.

Cecil pronounced that due to longevity and reputation, propane generator were not his first choice. After discussions with experienced oil and gas individuals, a “portable welder size” generator, is what is installed at new wells and can be expected to run 40,000 to 50,000 hours. The generators at Hightower have an expected life span of closer to 4,000 hours which has nearly been reached. Through independent research, Greg reached the same conclusion, that a diesel generator would be the best option to meet our needs.

Brian inquired as to the application of fuel cell technology. As it is an unfamiliar technology, further research would be required. TIG’s were also investigated, and discounted as the Amp requirements would be too high for a TIG.

Audrey expressed support for the purchase of a diesel generator as well as David, who provided the insight that propane generators are generally used for recreational activities i.e. RVing.

Greg mentioned that Cat Rental had absolute confidence in the Isuzu and with the addition of a scrubber it may be run indoors. Although the emissions would likely still need venting and Matt may be able to correct data for any emissions that may occur.

Bob K. communicated concern regarding the Alberta Environment grant being tied to uptime. Yes it is concerned with up time, but the response was give that it would be highly unlikely for the grant to be affected by this situation.

Action Item #2: Upon further research, WCAS to install new generator as soon as possible.

The board approved the purchase of a generator system for Hightower, by consensus.

b. Steeper Communications

The Steeper Station has been powered up and faced an initial communications issue. The station had been using an analog cell system, for which service was discontinued by Telus in September. Greg then attempted the implementation of a digital system, which was not operable, and in the end installed a satellite system. Due to the location of the station being on the edge of the satellite

footprint, additional parts will be required. Data is being collected but as of yet has not been incorporated.

c. Wagner Station

The Wagner Station has been moved to its new location, and is in full operation.

Brian inquired if we are monitoring PM. We are not at this time. Brian expressed that PM may be a concern for stakeholders.

TransAlta and Epcor have worked out a new funding formula and a new contract must be completed. (TransAlta developed original contract.)

Action Item #3: Heather to produce working copy and Bob to develop a new TransAlta/Epcor/WCAS contract.

d. Shop Development

As soon as spring arrives, construction will begin.

e. Invoices

Please see: 6. Financial Update: Heather Plumb (Listed as Agenda Item #5).

f. Network Status

The Network is working well, and there are no concerns at this time.

11. Air Monitoring Report: Patrick Andersen (See Appendix D)

Patrick expressed his thanks to WCAS for providing the opportunity to attend the CALPUF Modeling course. This course included the study of the paths of plumes i.e. emissions, forest fires, etc..

Patrick has also provided the 2008 data to Dr.Krupa, and is working on importing the 2007 data. Due to some complications WCAS may not be able to complete in-house modeling.

12. Other Business

a. AQHI: Air Quality Health Index

Cheryl wondered if it is possible to implement the Air Quality Health Index, and would it be possible to meet with Alberta Health to discuss?

Action Item #4: Bob to invite Alberta Health to attend AGM to discuss AQHI.

13. Next Meeting Date: May 22, 2009 (General Meeting followed by the AGM)

Appendix A

West Central Airshed Society
Statement of Revenue & Expenditures
As at December 31, 2008

	Year-to-Date			Total Budget For Year	Balance in Budget
	Actual	Budget	Variance		
REVENUES (Funding)					
Budgeted Membership Fees	872,290.83			879,110.00	(6,819.17)
Network Cost Sharing	-			500.00	(500.00)
Interest Income	-			-	-
West Fraser/Hinton Pulp Operations Agreement	14,010.30			14,352.00	(341.70)
Grants	41,250.00			12,500.00	28,750.00
2008 REVENUE (Net of GST)	927,551.13			906,462.00	21,089.13
EXPENSES					
OFFICE & ADMINISTRATION					
Program Management Salary	90,176.40	90,177.00	0.60	90,177.00	0.60
Office Manager / Admin. Assistant	29,428.80	30,000.00	571.20	30,000.00	571.20
Accounting & Legal	10,710.00	9,394.00	(1,316.00)	9,394.00	(1,316.00)
Bank & Credit Card Charges	1,515.92	1,194.00	(321.92)	1,194.00	(321.92)
Bank Loan Interest	-	-	-	-	-
Honorarium & Board Expenses (inc. meetings)	2,860.26	9,548.00	6,687.74	9,548.00	6,687.74
Other Meeting Expenses	-	2,122.00	2,122.00	2,122.00	2,122.00
Computer Software & Accessories	903.80	2,122.00	1,218.20	2,122.00	1,218.20
Website	2,000.00	7,426.00	5,426.00	7,426.00	5,426.00
Communications Expense incl Annual Report	19,241.94	51,500.00	32,258.06	51,500.00	32,258.06
Insurance	17,121.14	29,613.00	12,491.86	29,613.00	12,491.86
Office Equipment Rental	493.37	6,896.00	6,402.63	6,896.00	6,402.63
Office Rental	9,770.29	10,609.00	838.71	10,609.00	838.71
Office Supplies & Postage	5,910.21	6,365.00	454.79	6,365.00	454.79
Tel Fax & Internet	16,121.80	10,609.00	(5,512.80)	10,609.00	(5,512.80)
Meeting & Travel Expense	4,936.55	10,300.00	5,363.45	10,300.00	5,363.45
Grants for Work Done	-	5,150.00	5,150.00	5,150.00	5,150.00
Emissions Inventory	-	1,030.00	1,030.00	1,030.00	1,030.00
Systems Consultant	-	-	-	-	-
Research & Development	-	20,000.00	20,000.00	20,000.00	20,000.00
Contractor Training	-	-	-	-	-
Satellite Telephones	2,771.83	-	(2,771.83)	-	(2,771.83)
Miscellaneous Expense incl Sign.&Adver.	650.00	530.00	(120.00)	530.00	(120.00)
TOTAL OFFICE & ADMIN EXPENSES	214,612.31	304,585.00	89,972.69	304,585.00	89,972.69
AMBIENT AIR MONITORING					
Utilities Expense	18,778.77	35,226.00	16,447.23	35,226.00	16,447.23
Contractor Expense	190,793.65	240,453.00	49,659.35	240,453.00	49,659.35
Contractor Expense: Fuel	59,520.16	57,000.00	(2,520.16)	57,000.00	(2,520.16)
Calibration Contractor	12,390.75	12,000.00	(390.75)	12,000.00	(390.75)
QA/QC Audit Expense	-	-	-	-	-
QA/QC Expense	38,192.40	70,000.00	31,807.60	70,000.00	31,807.60
Site Maintenance & Development	450.00	10,455.00	10,005.00	10,455.00	10,005.00
Data Network Support & Software	12,467.62	11,124.00	(1,343.62)	11,124.00	(1,343.62)
Technical Workshops	783.36	5,305.00	4,521.64	5,305.00	4,521.64
Equipment Repair & Service	280.00	5,305.00	5,025.00	5,305.00	5,025.00
Station Trailer Rental	2,340.00	2,472.00	132.00	2,472.00	132.00
Equipment Loans Payable	11,150.00	124,650.00	113,500.00	124,650.00	113,500.00
Portable Trailer Expense	-	3,183.00	3,183.00	3,183.00	3,183.00
Field Supplies	45,076.43	21,218.00	(23,858.43)	21,218.00	(23,858.43)
Accommodations & Meals	7,275.76	6,365.00	(910.76)	6,365.00	(910.76)
Capital Equipment Replacement	64,602.24	77,250.00	12,647.76	77,250.00	12,647.76
AMD Compliance	-	-	-	-	-
Service Garage Construction	-	40,000.00	40,000.00	40,000.00	40,000.00
Building Reconstruction for 3 Buildings	48,377.28	75,000.00	26,622.72	75,000.00	26,622.72
Operation & maintenance for Acid Deposition	-	12,000.00	12,000.00	12,000.00	12,000.00
Hightower Reconstruction	45,533.34	20,000.00	(25,533.34)	20,000.00	(25,533.34)
Boundary Expansion Study	-	10,000.00	10,000.00	10,000.00	10,000.00
Additional Air Monitoring Station in S.E.	-	-	-	-	-
TOTAL AAM EXPENSES	558,011.76	839,006.00	280,994.24	839,006.00	280,994.24

AGRICULTURE EXPENSE					
Operations Contractor	66,914.29	68,959.00	2,044.71	68,959.00	2,044.71
Soil Sampling & Analysis	5,263.65	5,305.00	41.35	5,305.00	41.35
Miscellaneous Expenses / Site Maintenance	1,518.95	20,000.00	18,481.05	20,000.00	18,481.05
TOTAL AGRICULTURE EXPENSE	73,696.89	94,264.00	20,567.11	94,264.00	20,567.11
HONORARIUMS					
Land & Co-op Honorariums	3,310.00	3,133.00	(127.00)	3,133.00	(127.00)
TOTAL HONORARIUM/EXPENSE	3,310.00	3,133.00	(127.00)	3,133.00	(127.00)
ASSET ACCOUNTS					
Reclamation Trust Fund	2,000.00	2,000.00	-	2,000.00	-
WCAS Contingency Account	20,000.00	20,000.00	-	20,000.00	-
TOTAL ASSET ACCOUNTS	22,000.00	22,000.00	-	22,000.00	-
TOTAL EXPENSE	871,630.94	1,263,038.00	391,407.04	1,263,038.00	391,407.04
SURPLUS (DEFICIT)	\$5,920.17			(354,576.00)	

West Central Airshed Society - EPCOR/TRANSALTA
Statement of Revenue & Expenditures
As at December 31, 2008

	Year-to-Date			Total Budget For Year	Balance in Budget
	Actual to Date	Budget	Variance		
REVENUES (Funding)					
Epcor Operating Agreement	56,642.89			63,700.00	62,394.57
TransAlta Operating Agreement	212,445.61			197,100.00	140,836.93
TOTAL 2008 REVENUES	\$ 269,088.50			\$ 264,800.00	\$ 203,231.50
EXPENSES					
AAM Program					
QA/QC Data Reporting	25,461.60	8,500.00	(16,961.60)	8,500.00	(16,561.60)
Land Honorariums	1,000.00	1,000.00	-	1,000.00	-
AAM Equip Loan Pynts & Int.	108,712.50	133,800.00	25,087.50	133,800.00	25,087.50
Utilities Expense	12,472.60	12,000.00	(472.60)	12,000.00	(472.60)
Contractor Expense	53,359.56	70,000.00	16,640.44	70,000.00	16,640.44
Site Maintenance	2,372.14	5,000.00	2,627.86	5,000.00	2,627.86
Insurance	10,027.40	10,500.00	472.57	10,500.00	472.57
DAS Licensing Fee	4,520.00	2,000.00	(2,520.00)	2,000.00	(2,520.00)
Field Supplies	28,407.62	12,000.00	(16,407.62)	12,000.00	(16,407.62)
Total AAM Program	\$ 246,333.43	\$ 284,800.00	\$ 3,466.57	\$ 284,800.00	\$ 130,454.04
TOTAL EXPENSE	\$ 246,333.43	\$ 284,800.00	\$ 3,466.57	\$ 284,800.00	\$ 130,454.04
SURPLUS (DEFICIT)	\$ 22,755.07			\$	

Appendix B

West Central Airshed Society					
<i>Income Statement as at February 17, 2009</i>					
 West Central Airshed Society	Year-to-Date			Total Budget For Year	Balance in Budget
	Actual	Budget	Variance		
REVENUES (Funding)					
Budgeted Membership Fees	-			900,000.00	(900,000.00)
Network Cost Sharing	-			-	-
West Fraser Hinton Pulp	-			14,352.00	(14,352.00)
Grants	-			55,000.00	(55,000.00)
2008 REVENUE (Net of GST)	-			969,352.00	(969,352.00)
EXPENSES					
OFFICE & ADMINISTRATION					
Bank Loan Interest	-	156.67	166.67	1,000.00	1,000.00
Bank & Credit Card Charges	-	133.33	133.33	1,100.00	1,100.00
Office Supplies (Stationary, Postage, Courier)	21.50	1,156.67	1,145.17	7,000.00	6,978.50
Office Equipment Rental (Printer)	-	100.00	100.00	600.00	600.00
Insurance	-	2,656.67	2,666.67	16,000.00	16,000.00
Computer Software & Accessories	-	133.33	133.33	1,100.00	1,100.00
Office Rental	-	833.33	833.33	5,000.00	5,000.00
Accounting & Legal	-	1,833.33	1,833.33	11,000.00	11,000.00
Telephone, Fax, Internet	428.28	2,500.00	2,071.72	15,000.00	14,571.72
Program Management	15,555.44	16,333.20	777.76	97,999.21	82,443.77
Office Manager / Admin. Assistant	5,382.00	5,651.10	269.10	33,906.60	28,524.60
Board Expenses (inc. meetings)	-	1,427.67	1,427.67	8,566.00	8,566.00
Grants, Donations, Contributions, Honorarium	-	656.67	666.67	4,000.00	4,000.00
Annual Report	1,815.48	3,333.33	1,517.85	20,000.00	18,184.52
Communications, Advertising, Promotions	-	-	-	-	-
Meeting & Travel Expense	-	1,656.67	1,666.67	10,000.00	10,000.00
Website	-	333.33	333.33	2,000.00	2,000.00
Contractor Training	-	156.67	166.67	1,000.00	1,000.00
Emissions Inventory	-	-	-	-	-
Research & Development	-	2,500.00	2,500.00	15,000.00	15,000.00
TOTAL OFFICE & ADMIN EXPENSES	23,202.70	41,711.97	18,509.27	250,271.81	227,063.11
AMBIENT AIR MONITORING					
Station Communications (Modems)	-	-	-	-	-
Utilities Expense (Power, Telephone)	3,082.99	3,156.67	83.68	19,000.00	15,917.01
Highvoltage Reconstruction (Electrical, Propane)	1,113.70	7,156.67	4,052.97	43,000.00	41,886.30
Contractor Expense: Fuel (All)	7,000.02	10,500.00	3,499.98	63,000.00	55,999.98
Contractor Expense	33,805.32	34,829.10	1,023.78	208,974.60	175,163.28
Calibration Contractor	1,307.28	-	(-1,307.28)	-	(1,307.28)
QA/QC Expense	6,588.18	6,917.60	329.42	41,505.59	34,917.41
QA/QC Audit Expense	-	-	-	-	-
Site Maintenance & Development (Capital)	-	16,656.67	16,666.67	100,000.00	100,000.00
Technical Workshops	-	156.67	166.67	1,000.00	1,000.00
Station Trailer Rental	180.00	333.33	203.33	2,300.00	2,170.00
Field Supplies	474.60	8,333.33	7,858.73	50,000.00	49,525.40
Accommodations & Meals	386.23	1,156.67	780.44	7,000.00	6,613.77
Data Network Support & Software	-	1,833.33	1,833.33	11,000.00	11,000.00
Service Garage Construction	-	10,000.00	10,000.00	60,000.00	60,000.00
Operation & Maintenance for Acid Deposition	-	2,000.00	2,000.00	12,000.00	12,000.00
Boundary Expansion Study	-	-	-	-	-
Additional Air Monitoring Station in S.E.	-	-	-	-	-
TOTAL AAM EXPENSES	53,938.32	103,330.03	49,391.71	610,700.19	564,041.07
AGRICULTURE EXPENSE					
Operations Contractor	-	11,656.67	11,666.67	70,000.00	70,000.00
Soil Sampling & Analysis	-	466.67	466.67	2,800.00	2,800.00
Miscellaneous Expenses / Site Maintenance	-	333.33	333.33	2,000.00	2,000.00
Ag Study	-	-	-	200,000.00	-
TOTAL AGRICULTURE EXPENSE	-	12,456.67	12,466.67	274,800.00	74,800.00
HONORARIUMS					
Land & Co-op Honorariums	-	533.33	533.33	3,500.00	3,500.00
TOTAL HONORARIUM EXPENSE	-	533.33	533.33	3,500.00	3,500.00
ASSET ACCOUNTS					
Reclamation Trust Fund	2,000.00	333.33	(-1,666.67)	2,000.00	-
WCAS Contingency Account	20,000.00	3,333.33	(16,666.67)	20,000.00	-
TOTAL ASSET ACCOUNTS	22,000.00	3,666.67	(18,333.33)	22,000.00	-
TOTAL EXPENSE	99,141.02	161,558.67	62,417.65	1,169,352.00	870,216.98
SURPLUS (DEFICIT)	(99,141.02)			(200,000.00)	

West Central Airshed Society - EPCOR/TRANSALTA

Income Statement as at February 17, 2009

	Year-to-Date			Total Budget For Year	Balance in Budget
	Actual to Date	Budget	Variance		
REVENUES (Funding)					
Epcor Operating Agreement	-			32,860.82	32,860.82
TransAlta Operating Agreement	-			154,346.54	154,346.54
TOTAL 2008 REVENUES	\$ -			\$ 187,207.36	\$ 187,207.36
EXPENSES					
AAM Program					
QA/QC Data Reporting	4,392.16	4,611.73	219.57	27,670.39	(8,474.40)
Utilities Expense (Telephone)	1,448.48	2,133.33	684.85	12,800.00	4,611.94
Site Maintenance	1,275.00	4,156.67	2,881.67	25,000.00	2,645.00
Contractor Expense	9,204.52	12,118.84	2,914.32	72,713.05	4,967.89
Data Network Support & Software	-	1,150.00	1,150.00	6,900.00	2,000.00
Field Supplies	316.40	5,000.00	4,683.60	30,000.00	(10,259.96)
Land Owner Honorariums	-	156.67	156.67	1,000.00	690.00
Insurance	-	1,853.99	1,853.99	11,123.92	471.57
TOTAL EXPENSE	\$ 14,636.56	\$ 31,201.23	\$ 14,564.67	\$ 187,207.36	\$ (3,345.96)
SURPLUS (DEFICIT)	\$ (14,636.56)			\$ -	

Appendix C

WCAS Funding Protocol

WCAS developed a funding protocol in responding to proportional levels of emissions from industries that operate within the boundary. Consultation with municipalities, Alberta Environment, industry and NGO's yielded the system outlined below:

Source Data: Pollutant emission data and facility locations are submitted to Alberta Environment, Environment Canada and the ERCB by companies that operate facilities within Alberta. This data is compiled for WCAS by a third party from these databases. The most recent complete data available lags the invoicing year by at least 2 years, at the beginning of 2009, the 2008 databases are incomplete and 2007 databases are therefore used. Since facilities change ownership and come in and out of production on a much quicker time scale, this introduces a degree of error to the invoicing that is unavoidable without direct cooperation of the companies.

Pollutants Considered: SO₂, NO_x, and PM are the most common pollutants, and of the most concern within the boundaries of WCAS. From the source data, invoices are generated based on the Tonnes/Year of each pollutant.

Compressor Sites: Historically WCAS has received compressor station locations directly from ERCB staff. Each compressor site was assessed not on individual site emissions, but on an average of 35 Tonnes of NO_x per year. Since emission data has not been available to WCAS, this was seen as a reasonable compromise.

Pollution Units (PU): Each of the three pollutants is weighted with a conversion factor to yield a common-value Pollution Unit. The weighting is detailed in Table 1

SO ₂	NO _x	PM
150	200	100

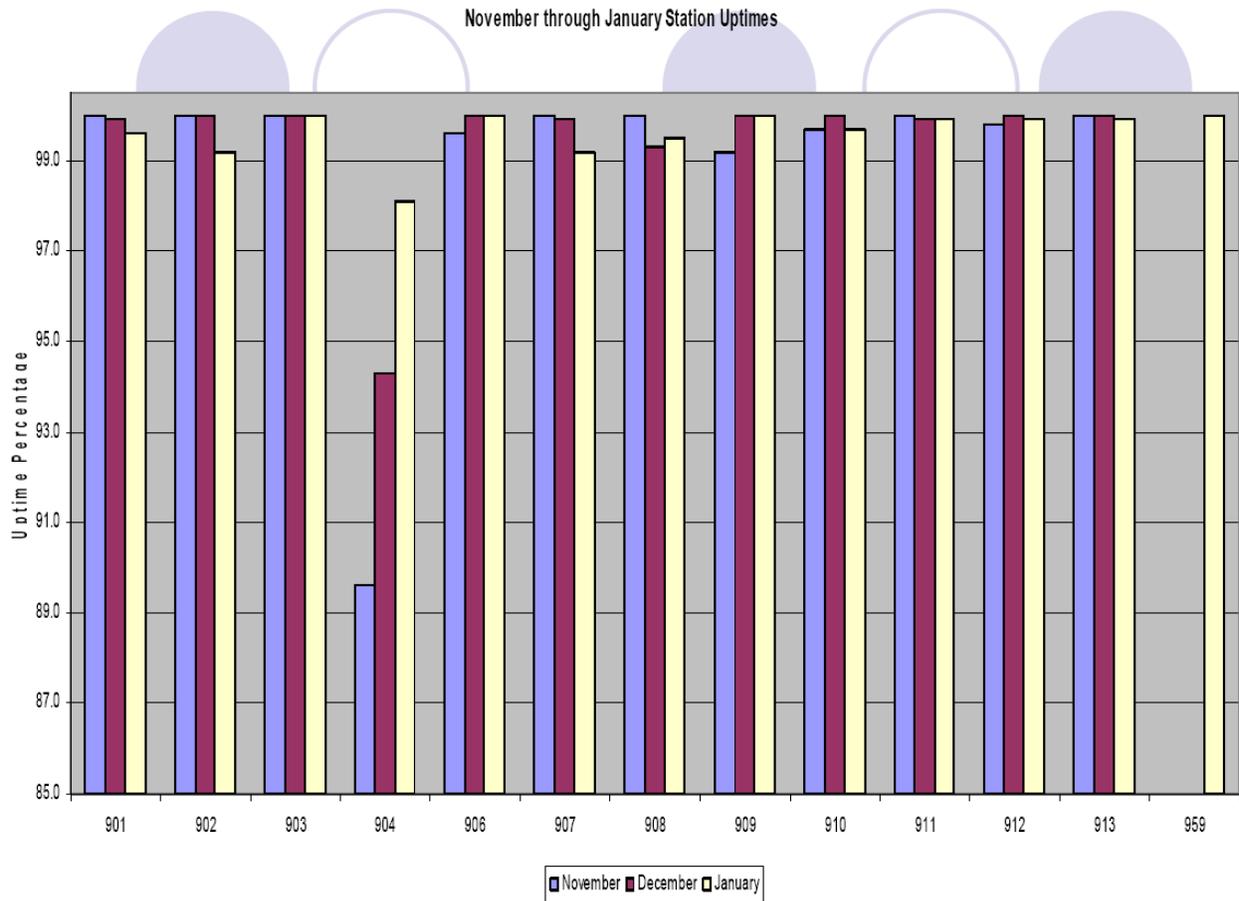
Table 1. PU conversion factors

Cost per Pollution Unit: By consensus, the value of each pollution unit within the airshed was set to be \$2108.76. Multiplied by total number of PU's for all pollutants considered yields a value proportional to reported emissions.

Some recurrent concerns with this system do exist. The difference between what locations a company operates on January 1 of any given year and what locations are invoiced for are not necessarily the same. Companies that operated during the data period used for invoicing may no longer exist, their operations purchased by another company, making tracking down who now owns what property a challenge. A larger issue is that companies that are asked to contribute in 2009 were not likely to be at the table when the system outlined above was created. This is due to the huge expansion of industry in Alberta, and any number of junior players have come into existence, were bought and sold to one another and operators that existed in the early days of WCAS. As a result, they are questioning why they are being asked to contribute to the airshed, and respond with varying degrees of interest.

Appendix D

Uptime Efficiency and Exceedance Report



November

November	Station Average Uptime Percentage
Tomahawk (901)	100.0
Violet Grove (902)	100.0
Carrot Creek (903)	100.0
Hightower (904)	89.6
Hinton (906)	99.6
Power (907)	100.0
Meadows (908)	100.0
Wagner (909)	99.2
Genesee (910)	99.7
Drayton Valley (911)	100.0
Edson (912)	99.8
Breton (913)	100.0

November

- Average network uptime: 99.0%
- Exceedances
 - None to report
- Monitoring notes for November
 - Hightower power issues continued.
 - SO₂ analyzer added at Edson

December

December	Station Average Uptime Percentage
Tomahawk (901)	99.9
Violet Grove (902)	100.0
Carrot Creek (903)	100.0
Hightower (904)	94.4
Hinton (906)	100.0
Power (907)	99.9
Meadows (908)	99.3
Wagner (909)	100.0
Genesee (910)	100.0
Drayton Valley (911)	99.9
Edson (912)	100.0
Breton (913)	100.0

December

- Average network uptime: 99.4%
- Exceedances
 - None to report
- Monitoring notes for December
 - High Tower power fluctuations continued.

January

January	Station Average Uptime Percentage
Tomahawk (901)	99.6
Violet Grove (902)	99.2
Carrot Creek (903)	100.0
Hightower (904)	98.1
Hinton (906)	100.0
Power (907)	99.2
Meadows (908)	99.5
Wagner (909)	100.0
Genesee (910)	99.7
Drayton Valley (911)	99.9
Edson (912)	99.9
Breton (913)	99.9
Wagner2 (959)	100.0

January

- Average network uptime: 99.6%
- Exceedances
 - Hinton (TRS)
 - 5 one-hour in excess of 10 ppb H₂S
 - Maximum concentration of 21 ppb
- Monitoring notes for January
 - Wagner station relocated to new location, now operating as Wagner2.
 - Actual cumulative uptime for both stations 90.7% due to downtime in relocating station.