

Sandi Horning

From: on behalf of Council Reports
Subject: FW: idling bylaw

From: Trevor Salloum <salloum@shaw.ca>
To: Michele Rule
Sent: Tue Dec 15 12:24:35 2009
Subject: idling bylaw

Dear Michele,
Could we enact an idling bylaw in Kelowna similar to this one they have in Vancouver. See press release below.
Thanks kindly,
Trevor
(250)763-3951

September 12, 2006
City of Vancouver's idling bylaw education and enforcement campaign begins
An education campaign focused on showing how reducing idling makes good environmental and financial sense will be accompanied this fall with enforcement of Vancouver's idling bylaw.

The educational campaign involves radio, print, and outdoor advertising along with informational postcards distributed through bylaw enforcement staff, schools, community centres, libraries and ICBC sites. It focuses on dispelling common myths around idling, such as:

Myth: Allowing your engine to cool down will cause more emissions and use more gas than just letting it run.
FACT: Recent AirCare tests confirmed that idling your engine uses more fuel and causes more emissions than turning it off and restarting it.

Myth: Frequent engine restarts will harm your engine starter.
FACT: Component wear caused by restarting the engine, estimated at \$10 per year, will be recovered many times over in fuel savings from reduced idling.

Myth: You need to idle an engine for several minutes to warm it up in cold weather.
FACT: In cold weather it takes no more than 30 seconds to circulate oil through the engine and the only way to warm up lubricants in other moving parts is to drive the vehicle.

Vancouver City Council enacted the idle free bylaw on July 18, 2006.
Parked vehicles are prohibited from idling for more than three minutes. Violators will incur \$50 (basic violations) or \$100 fines (heavy trucks and unlocked, unattended vehicles). Vehicles idling in order to power equipment for a commercial purpose (such as a refrigerated truck) or public service (such as a fire truck responding to an emergency) are exempt.

Enforcement is intended to support educational efforts and therefore will start with warning tickets and informational postcards, with repeat or problem offenders facing fines. Vancouver's idling complaint hotline to report frequent offenders is being widely advertised.

The City of North Vancouver has a similar idling bylaw.

Media Inquiries:
Sean Pander: 604.871.6542
Vancouver's Idling Complaint Hotline: 604.257.2404 Idlefree.ca

Minutes of the AIR QUALITY COMMITTEE of the Regional District of Central Okanagan held in the Woodhaven Meeting Room, 1450 K.L.O. Road, Kelowna, BC on the 31st day of October 2007

CHAIR	David Knowles	Director, RDCO
VOTING	James Baker	Mayor, District of Lake Country
MEMBERS	Barrie Clark	Director, City of Kelowna
	Graham Reid	District of Peachland (<i>arrived at 9:05</i>)
	Patty Hanson	Director, Central Okanagan East Electoral Area
	Len Novakowski	Director Westside Electoral Area
	Sharon Shepherd	Director, City of Kelowna (<i>arrived at 9:05</i>)
REGRETS:	Brian Given	Director, City of Kelowna
NON-VOTING		
MEMBERS &	Brent Rogers	Tolko
GUESTS	Cliff Kanester	Regional District of North Okanagan
	G. Volk	Interior Health Authority
STAFF	Corey Davis	City of Kelowna
	Mark Watt	City of Kelowna
	Ian Wilson	City of Kelowna
	Mary Jane Drouin	RDCO (recorder of minutes)

Chair Knowles brought the meeting to order at 9:00 a.m. It was agreed to add the following to the agenda:

4.6 2007 Emission Standards for Heavy-Duty Engines and Diesel Regulations

1. MINUTES

Adopt minutes of August 29, 2007

BAKER/NOVAKOWSKI

THAT the Air Quality Committee meeting minutes of August 29, 2007 be adopted as circulated.

CARRIED

2. CORRESPONDENCE

Sterile Insect Release Program re: Agricultural Wood Chipping Program

SIR Board Chair, Colin Day's letter of September 21st confirmed the SIR Board's support for continuation of the Regional District's agricultural wood chipping program. It was noted that the program provides options to property owners to replace burning or orchard debris in an environmentally sustainable way.

Director Reid arrived at 9:03 a.m.
Director Shepherd arrived at 9:05 a.m.

CLARK/HANSON

THAT the September 21, 2007 letter from the Sterile Insect Release Program Board confirming support of the agricultural wood chipping program be received.

CARRIED

It was noted that the Regional Waste Management Committee is recommending the hiring of a consultant to review the issue of pine beetle debris. They are in the stage of developing a proposal at this time. The question was raised whether a chipper is suitable for pine beetle debris. If the wood is marketed and only bark and branches remain a chipper will destroy the beetle. B. Rogers noted that Tolko has agreed to accept the pine beetle debris from the City's landfill and/or property owners and will burn the wood waste. Penticton's landfill will also be sending their wood waste to Tolko. It was confirmed that an Air Curtain Burner is being funded through the Parks Department and a grant from UBCM.

3. BUSINESS ARISING

3.2 Anti-idling was discussed at this time.

Air Quality Research Plan Update

Staff noted that Environment Canada has confirmed the following for the Okanagan:

- Budget reductions of 84% and all funding for proposed Okanagan activities has been cancelled for 2008
- One year of speciation work was completed (this will be combined with one year of speciation completed by the Ministry of Environment).
- Pesticide research is deferred to 2009.
- Marine emission modeling scenarios will be completed for the Okanagan in 2008.
- Some minor improvement to the Okanagan Emissions Inventory might be expected, though nothing like what was intended and no emissions forecast work. Again it should be considered deferred rather than cancelled. It's still important to Environment Canada.
- One area that is funded is visibility.
- The Okanagan remains a high priority for the department. This may just be one very difficult year and then we will be able to get back to work.

Staff reviewed the Air quality research which will continue by Environment Canada in 2008 including: emissions inventory, emissions forecasting, air quality valuation model, speciation analysis, dispersion modeling.

Director Shepherd left at 9:45 a.m.

A new program, 'visibility research', is being developed by Environment Canada but it is not known exactly what it is. It is not known why the Federal government has changed focus on environmental programs with Environment Canada but it is believed to be a political decision.

CLARK/BAKER

THAT staff send a letter to Environment Canada staff asking why funding has been reduced in 2008 for programs in the Okanagan (copy MP Ron Cannan) noting that it's an investment in the future and if a satisfactory answer is not received then the Committee consider writing a letter to the Minister of Environment.

CARRIED

Anti-idling Signage in Idling Hot Spots Update

Staff noted that the City of Kelowna Council has responded to the request of the Air Quality Committee to install anti-idling signage in idling hot spots. The District of Lake Country Council has also agreed to signage. The District of Peachland Council has not reviewed the issue to date but believes it has not been an issue in the municipality.

Staff noted that signs will be placed where they are requested. The process of how this will be handled at the City of Kelowna has yet to be decided. The question was raised how the 'education' component will be carried out.

It is important to liaise with the School District's to determine if the School District is interested in the signage, who would pay for the signs, where best to place signage at schools and at which schools. It was noted that some schools already have signage through the pilot program. The City of Kelowna may wish to discuss this at their meeting with the School District.

Staff have determined costs at the City of Kelowna are: \$60 for the original sign, and installation for a total cost of approximately \$100. It was noted that businesses could be offered the opportunity to purchase a sign and that they would be encouraged to do so. Signs can't be placed on private property without the owner's permission. .

It was further noted that one needs a behavioral change in order to be effective. Just putting a sign up is ineffective and a waste of funds. Other aspects of program need to be implemented ie: education and monitoring the outcome.

It was agreed that any signage should include the Regional Air Quality Committee name on it similar to the signage used in Whistler.

SHEPHERD/BAKER

THAT Staff provide anti-idling signage in areas where requested or based on complaint, evaluate the results, propose an education program and report back in a years time on the results.

CARRIED

Cash for Clunkers Program Update

Staff reviewed the 2007 program:

- In 2007, Environment Canada funded the program by \$70,000
- 677 vehicles were sent to the auto recycler since the program started in the Central Okanagan in December 2003.
- Incentives chosen by the applicants included: bicycle (37%), transit pass (22%), mix and match combo (18%), fuel efficient new vehicle (11%), footwear (5%), electric vehicle (4%), running clothes (2%) and bicycle parts and accessories (1%).

BAKER/CLARK

THAT the Cash for Clunkers Program update be received.

CARRIED

Agricultural Wood Chipping Program Update

Staff reviewed the 2007 agricultural wood chipping program:

- Forecast to produce 10,000m³ of wood chips in 2007, which would reduce PM2.5 emissions by approximately 105 tonnes
- 5201 m³ of chips produced so far in 2007
- \$47,000 spent (\$80,000 budget)
- 16 orchards currently lined up for fall chipping
- 50 orchards forecasted to be chipped under 2007 budget.

Staff noted that a large bulk of the material being pulled out of orchards is being chipped but it is not known exactly how much that is and that there is insufficient staff to do an inventory to determine these results. The budget of \$80,000 is enough funds to handle the chipping requests of orchardists at this time.

BAKER/HANSON

THAT the Agricultural Wood Chipping Program update be received

CARRIED

4. NEW BUSINESS

Regional Air Quality Program Budget Review

The 2008 draft air quality committee budget was presented for review highlighting staff time contracted to the City of Kelowna for the program through the \$60,000 funds provided by the Regional District. There is a slight reduction in the budget from 2007. The wood chipping program's budget remains at \$80,000.

A review of the air quality program funding partners was reviewed. Air shed coalition funding comes out of the \$60,000.

It was noted that Okanagan Airshed Management Plan Development funds should only be 1/3 for the Central Okanagan as the grant was also to the North and South Okanagan regional districts.

CLARK/NOVAKOWSKI

THAT the Regional Air Quality Program Budget presented be approved and forwarded to the Regional Board for approval.

CARRIED

Work Plan Review

Staff provided a brief overview of the 2008 workplan summary highlighting the programs of the regional air quality committee, some of which are in collaboration with other stakeholders.

REID/BAKER

THAT the Regional Air Quality program 2008 Workplan summary be received.

CARRIED

Terms of Reference Review

Staff provided a brief overview of the revised Terms of Reference highlighting the revisions: added conducted a five year review of the management plan, goals got changed a little with regard to the air quality management plan so that both plans goals match.

The question was raised whether staff has looked at cement plant operation in terms of air quality? *Staff:* Yes. It was noted that the Ministry of Environment regulates the plants and deals with complaints. Investigations have been done on the north end plants within the City of Kelowna and they are within the regulations. Complaints are relayed to the Ministry when received by staff.

NOVAKOWSKI/CLARK

THAT the Regional Air Quality Committee revised Terms of Reference dated August 28, 2007 be approved.

CARRIED

Open Burning Smoke Control Strategy Review

Staff reviewed the strategies used to reduce smoke impacts from outdoor burning including:

Implemented Strategies

- Raising the venting index
- Improving outdoor burning regulations in Peachland and Lake Country (e.g.: prohibit backyard burning, prohibit development land clearing open burning, improve enforcement on non burn days, etc.)
- More paid advertising to the public to promote burning regulations and penalties

Inspections needed to enforce the following strategies:

- Pre-burn inspections within the RDCO (Kelowna does as well as the District of Lake Country, occasionally in other fire protection areas)
- Limit the size of burn piles (Kelowna only, occasionally in other fire protection areas)
- Limit the number of burn piles that can be burned on one property parcel per day (Kelowna only, occasionally in other fire protection areas)

ACTION: Westside Fire Department will be asked to report on the inspection strategies and confirm if they have implemented any over the course of 2007.

Strategies Not Implemented

- Preventing outdoor burning on > 1 hectare lots that are deemed non-agricultural. This will not work in areas such as Joe Rich or other rural areas. Safety and reduction issues are of concern in these areas as well. Staff noted there has been no increase in pine beetle debris at the land fill this year. There continues to be an increase in yard waste to the landfill each year, particularly increases from property owners with large lots.

The material that goes to Tolko is very specific material and they work with the landfill to ensure standards are met.

- 15 day no-burn period between burn days on non-agricultural land (Provincial Law)

Property owners on large lots that are allowed to burn are not supposed to burn every day. This is not monitored in the Central Okanagan.

- Pruning chipping program for agriculture (study required for costs and options)

A study would be required for costs and options if this is to be considered. Expense for this would be large as one would be looking at 7-9,000 acres. Agriculture community does use flail mowing (about 50%), other 40% has options through agricultural program through Ministry of Agriculture. It is believed the bulk of agriculture burning are from prunings.

ACTION: Staff to speak to Pierre Calissi, BCFGa and Keith Duhaime, RDCO agricultural support officer, to update the committee.

- Permit fees (Lake Country has a permit fee system)
Other jurisdictions do not use this as they are opposed to it.

- Specify open burning start times to avoid smoke pooling from early morning burns (Early morning is typically bad venting due to cold, dense air)

The Committee has discussed and agreed to leave it as is. The Fire Technical Committee believes it is better to educate.

- Limit the number of fires allowed per day within each fire protection zone.

Difficult as it decrease the number of days you are allowed to burn which would mean more burns on specific days.

- No burning on non agricultural land from March 15 to April 15 each year (to prevent excessive smoke loading).

Too much confusion within the regulations.

- Raise the Venting Index to 90+ between March 15 to April 15 before allowing Non Agricultural Outdoor Burning

Most of the burning occurs at this time. The venting index has been raised to 65 which has been beneficial and continues to be monitored. At this time there is no need to change this value.

- Auditing of outdoor burning during non-burn days

Stay with status quo as things are working. As well the Districts of Lake Country and Peachland have come on board with bylaws.

BAKER/NOVAKOWSKI

THAT the strategies to reduce smoke impacts from outdoor burning review be received;

AND FURTHER THAT the Air Quality Committee agrees to stay with the status quo on strategies not implemented except to review the pruning chipping program for agriculture.

CARRIED

Fire Prevention Bylaw Amendment

- A suggestion to amend the RDCO Fire Prevention Bylaw (Section 7) has been received. The amendment will move the start of the open burning season from September 1st to October 1st each year.
- Reasoning: September is usually too dry to allow open burning to occur (safety issue).

- Open burning season would then run from October 1st to April 30th (due to possible hazardous conditions these dates could change).
- An extra 30 days of open burning is still available to take advantage of better venting conditions, which usually occur during early October and late April. (The previous open burning window was October 15 to April 15 each year)

REID/BAKER

THAT the Fire Technical Committee be asked to review the amendment to move the start time of open burning from September 1 to October 1 of each year and report back to the Air Quality Committee with their recommendation.

CARRIED

2007 Emission Standards for Heavy-Duty Engines and Diesel Regulations

These regulations came to the Chairs attention through the automatic garbage program and the suggestion has come forward to use the ultra low-emission vehicles for this new program. This will be included in the RFP for the automatic garbage program.

As well Ron Westlake, Transportation Manager, has been contacted to see if the new buses used for the BRT will also be using this technology. It is known that this technology does cost more.

REID/BAKER

THAT the information on the 2007 Emission Standards for Heavy-Duty Engines and Diesel Regulations be received.

CARRIED

5. NEXT MEETING

5.1 November 28, 2007

The next regularly scheduled meeting is November 28th.

There being no further business the meeting was adjourned at 11:25 a.m.

CERTIFIED TO BE TRUE AND CORRECT

David Knowles (Chair)

Committee Member

Minutes of the AIR QUALITY COMMITTEE of the Regional District of Central Okanagan held in the Woodhaven Meeting Room, 1450 K.L.O. Road, Kelowna, BC on the 29^h day of August 2007

CHAIR	David Knowles	Director, RDCO
VOTING MEMBERS	James Baker	Mayor, District of Lake Country
	Barrie Clark	Director, City of Kelowna
	Terry Condon	District of Peachland
	Patty Hanson	Director, Central Okanagan East Electoral Area
	Len Novakowski	Director Westside Electoral Area
REGRETS:	Brian Given	Director, City of Kelowna
	Sharon Shepherd	Director, City of Kelowna
NON-VOTING MEMBERS & GUESTS	Ralph Adams	Ministry of Environment
	Dr. Hasselback	Interior Health Authority
	Cliff Kanester	Regional District of North Okanagan
	Jim Mottishaw	Ministry of Forests – Zone Manager
STAFF	Corey Davis	City of Kelowna
	Mark Watt	City of Kelowna
	Mary Jane Drouin	RDCO (recorder of minutes)

Chair Knowles brought the meeting to order at 9:00 a.m.

1. MINUTES

- 1.1 Adopt minutes of June 27, 2007

BAKER/NOVAKOWSKI

THAT the Air Quality Committee meeting minutes of June 27, 2007 be adopted as circulated.

CARRIED

2. CORRESPONDENCE

- 2.1 Notices from UBCM re: Open Burning Smoke Control Regulation and Wood Fire Boiler Standards – Agriculture Waste Control Regulation Amendment

UBCM informed the Regional District that the Ministry of Environment is currently in the process of reviewing regulations and developing codes of practice for specified industries and activities under the Environmental Management Act. One of the regulations under review is the Open Burning Smoke Control Regulation.

As well the Ministry is extending the consultation period for review of the intentions paper for amending the Wood Fire Boiler standards in the Agriculture Waste Control Regulation. Comments are requested by October 15 and the Ministry is encouraging and welcoming suggestions and comments on the proposals.

It was noted that the Okanagan Airshed Coalition will be reviewing this information at today's meeting and comments will be provided. R. Adams noted that it is important to provide feedback.

Staff noted that 4.3 of the Smoke Control Bylaw covers solid-fuel burning appliances.

What is the threat in the Okanagan? Based on what happened in the GVRD, a bylaw may not be enough to protect the airshed from greenhouses using small burning appliances and this is one of the reasons the Province is reviewing the issue. In the future there may be greenhouses coming into the interior potentially polluting our airshed--essentially moving the problem from the coast to the interior.

Do we know the proposed standards are good enough? It was agreed that the Central Okanagan should support change but that we need to be sure the proposed limits will protect the environment particularly close to residential areas. The Committee discussed providing support for new emissions standards for greenhouses in residential areas with the proviso the standards are appropriate for small greenhouses.

NORD and Ralph Adams are attempting to draft resolutions and producing the argument for science based standards. This will be completed by UBCM.

NOVAKOWSKI/BAKER

THAT the Air Quality Committee wait for recommendations from the North Okanagan Regional District on the Wood Fire Boiler Standards and lend our support to the science based standards;

AND THAT the Air Quality Committee recommends to the Okanagan Airshed Coalition that the three Okanagan Regional District's provide support as well.

CARRIED

Open Burning Smoke Control Regulations

Environmental staff have interviewed C. Davis on the region's regulations. It was noted that new restrictions are over-restrictive for the Thompson-Okanagan therefore our input is critical and it will carry weight.

Fire departments may be concerned and their concerns need to be brought forward. Those concerns should be brought forward by the individual fire departments.

- Question is how strict the regulations are in different levels. This is where the input is required.
- Concern making communities fire-safe and in particular of concern is the pine beetle problem.
- These regulations are extremely important particularly for communities where land clearing is occurring.
- OBSR is a blanket regulation that covers the province.
- Regulations for rural areas need to be considered (ie: doesn't make sense that you wouldn't be able to burn within 5 km. of an area like Idabel Lake, Big White)
- It doesn't make sense to have province wide regulation for all areas.
- The Province writes the minimum standard. Our burning regulations are much more involved.
- Other areas don't have bylaws so they use the provincial regulations.
- New regulations may be more stringent than bylaws that are in place in local government areas.

Chair Knowles highlighted the importance for UBCM delegates to attend the presentations on the open burning smoke control regulations (UBCM Workshop Sept.27 at 7:30 a.m.). Information will be brought back to the Airshed Coalition in order to provide a response to the Province by the deadline. It was noted that if more information is required the individuals doing the workshop at UBCM would likely come to a meeting of the Coalition to address any concern the committee may have.

CONDON/BAKER

THAT the notices from UBCM regarding Open Burning Smoke Control Regulation and Wood Fire Boiler Standards – Agriculture Waste Control Regulation Amendment be received.

CARRIED

3. BUSINESS ARISING

3.1 Fire Prevention and Smoke Control Bylaw Amendment (report K. Roth)

The Air Quality Committee requested staff reviewed the Fire Prevention and Smoke Control bylaws to determine if changes are necessary to clarify that the Regional District of Central Okanagan is only responsible for burning regulations in the established fire protection areas.

BAKER/CLARK

THAT the Air Quality Committee recommends to the Regional Board the following amendments to the Regional District of Central Okanagan Smoke Control Bylaw:

That a new Section 2.0 be added to the Smoke Control Bylaw as follows:

"2.0 The application of this bylaw shall be limited to the City of Kelowna, the District of Lake Country and the areas included within the boundaries

of the Regional District of Central Okanagan Service Area Fire Departments.”

That a new definition be added to the bylaw as follows:

“Service Area Fire Department” means Wilson’s Landing Fire Protection Local Service Area, Ellison Fire Protection Local Service Area, North Westside Road Fire Protection Local Service Area, June Springs Fire Protection Service Area, Brent Road Fire Protection Service Area, Lakeshore Road Fire Protection Service Area, Joe Rich Fire Protection Local Service Area and Westside Fire Protection Service Area.

CARRIED

The amendment will be brought forward to the Regional Board for approval.

3.2 Campfire Regulations – Smoke Control Bylaw re: Chimineas (report Fire Technical Advisory Committee)

The Air Quality Committee requested the Fire Technical Advisory Committee review the campfire regulations in regards to chimineas. In follow-up to their review the committee recommended no change to the bylaw as abuse of fires and smoke is already covered in the Regional District of Central Okanagan Smoke Control Bylaw and as chimineas only cause smoke if abused by the user, the Committee does not feel it is necessary to amend the bylaw to include banning of chimineas.

NOVAKOWSKI/CONDON

THAT the report from the Fire Technical Advisory Committee regarding campfire regulations specifically chimineas be received.

CARRIED

Concern was expressed that as Director Shepherd was the committee member who raised the issue at the last meeting and that as she was not in attendance and that it is the desire to have municipal and regional bylaws harmonized, further discussion be deferred until a future meeting. As well, no fire department representatives were in attendance.

CLARK/BAKER

THAT discussion on campfire/open burning regulations regarding chimineas be DEFERRED.

CARRIED (opposed Condon)

3.3 Insurance Company Requirements for Wood Stove Users

The Air Quality Committee requested staff look into insurance company requirements for wood stove users.

C. Davis reviewed the existing and new wood stove installation requirements with his insurance company.

- must be installed professionally
- must be inspected
- must supply photos of the new installation
- must complete a special form for the insurance company
- 10% surcharge on home insurance coverage.

Under the current bylaws these insurance requirements will ensure old wood stoves get replaced with EPA Emission approved appliances.

In discussion it was noted that not all insurance companies apply these requirements.

BAKER/CONDON

THAT the report on insurance company requirements for wood stove users be received.

CARRIED

3.4 Idling Tour Buses

A verbal report was presented from C. Davis highlighting that various letters have been received by City of Kelowna staff complaining of tour bus idling. City of Kelowna staff are considering putting up signs in tour bus areas and idling hot spots where requested. Concern was expressed whether the City of Kelowna Council would approve such signage due to tourism concerns ie: tourists may stay on the bus while others are participating in a tour thereby requiring air conditioning.

HANSON/BAKER

THAT a letter be sent to all member municipalities Councils supporting the "Idle Free Zone Turn Engine Off" signage from an air quality standpoint.

CARRIED

It was suggested that should the signs be placed a bus be used on the sign instead of a car. It was noted that the transit and School District No. 23 does have a policy of non-idling.

3.5 Anti-idling Bylaw (discussion only)

Staff presented information from the City of Vancouver and City of Toronto on an anti-idling bylaw. The question was raised whether the Committee is at a point of reviewing a bylaw when there is concern for signage for anti-idling. More discussion is required in all areas including the North and South Okanagan. It is believed to be premature discussion at this point in time. Municipalities may wish to receive this information for review should they be interested.

HANSON/ BAKER

THAT the anti-idling information from the City of Toronto and City of Vancouver be received for information.

CARRIED

3.6 Open Burning Bylaw Updates from Lake Country and Peachland

The proposed Lake Country open burning regulation mirrors the RDCO Smoke Control Bylaw for opening burning except development land clearing burning which is still allowed. Wood stoves are not mentioned in the bylaw. Campfires are allowed but must not cause a nuisance.

Director Baker noted the land clearing and wood stove sections in the bylaw are in the process of being changed in Lake Country. As well Director Condon noted Peachland's bylaw is similar to the Regional Districts' and noted that campfires are allowed with a permit.

CLARKE/CONDON

THAT the information on the open burning bylaw updates from the District of Lake Country and District of Peachland be received.

CARRIED

3.7 Regional Air Quality Committee Terms of Reference Review

Revised terms of reference were submitted for review by the Committee. C. Davis reviewed minor wording changes in order to match the Air Quality Management Plan wording.

NOVAKOWSKI/CLARKE

THAT the revised Regional Air Quality Committee Terms of Reference be received.

CARRIED

Director Clark left the meeting at 10:30 a.m.

4. NEW BUSINESS

4.1 Proposed Concrete Products Industry Code of Practice Regulation

The Ministry of Environment is proposing regulations for the concrete product industry and has requested comments on the Code of Practice Regulations. Staff reviewed the Intention for Consultation paper ie: contents of the proposed code, air quality management, (maintain a particulate control system, control fugitive dust, control emissions from boilers and heaters).

It was noted that even with the permitted requirements in place complaints could still be received. Questions were raised what additional measures could be taken if complaints still arise and how are more stringent requirements going to be applied. Currently complaints are handled by the Ministry of Environment (tracked by permit and filed by the permit).

It was noted that these regulations do not address gravel extraction facilities which are approved through the Ministry of Energy and Mines.

Dr. Hasselback noted the code of practice is short on a few issues ie: monitoring and dust control programs (and transport in association with it). Real challenge may not be a Ministry of Environment issue, but may be a municipal issue, or a permitting issue? Mining permitting process does not review off-site disturbances ie: dust on road. This is where many complaints arise. It was noted that the Ministry of Energy and Mines do not ask for referral comments from IHA on gravel extraction applications.

The air quality section of the code seems to be well managed but unless regulations consider mining and transportation issues, it misses a large piece of the air quality issues and concerns raised by citizens. From an air quality standpoint, the Ministry of Energy and Mines should be looking a local government concerns when considering mining applications.

CONDON/BAKER

THAT the Proposed Concrete Products Industry Code of Practice Regulation report be received;

AND FURTHER THAT Ralph Adams be requested to review the current status of the code review and determine whether comments are still being received and report back to the committee.

CARRIED

4.2 Open Burning Smoke Control Clinic at UBCM

Chair Knowles reviewed the summary of the clinic planned. All Directors attending UBCM are encouraged to attend the session Thursday a 7:30 a.m. Chair Knowles noted that he will be providing a five minute presentation at UBCM on alternatives to open burning.

5. NEXT MEETING

5.1 October 31, 2007

There being no further business the meeting was adjourned at 11:10 a.m.

CERTIFIED TO BE TRUE AND CORRECT

David Knowles (Chair)

Committee Member

Minutes of the AIR QUALITY COMMITTEE of the Regional District of Central Okanagan held in the Woodhaven Meeting Room, 1450 K.L.O. Road, Kelowna, BC on the 27^h day of June 2007

CHAIR	David Knowles	Director, RDCO
VOTING	James Baker	Mayor, District of Lake Country
MEMBERS	Barrie Clark	Director, City of Kelowna
	Brian Given	Director, City of Kelowna
	Patty Hanson	Director, Central Okanagan East Electoral Area
	Len Novakowski	Director Westside Electoral Area
	Sharon Shepherd	Director, City of Kelowna
REGRETS:	Terry Condon	District of Peachland
NON-VOTING		
MEMBERS &	Gundie Volk	Interior Health Authority
GUESTS	Janice Johnson	RDOS – AQ Clerk
	Nicole Marzinzik	NORD – Waste Reduction Coordinator
	Craig Weddell	Westside Fire Protection
	Bill Schwarz	Regional District of Okanagan Similkameen <i>(arrived 10:05 am)</i>
	Cliff Kanester	Regional District of Okanagan Similkameen
	Deb Leroux	Regional District of North Okanagan
	Allan Patton	Regional District of Okanagan Similkameen
	Jim Mottishaw	Ministry of Forests – Zone Manager
	Brent Rogers	Tolko
STAFF	Corey Davis	City of Kelowna
	Mary Jane Drouin	RDCO (recorder of minutes)

Chair Knowles brought the meeting to order at 9:00 a.m.

1. MINUTES

- 1.1 Adopt minutes of April 25, 2007

GIVEN/BAKER

THAT the Air Quality Committee meeting minutes of April 25, 2007 be adopted as circulated.

CARRIED

2. BUSINESS ARISING

- 2.1 Solid Fuel Burning Appliance Bylaw (Village of Burns Lake)

C. Davis reviewed the Village of Burns Lake Solid Fuel Burning Appliance Bylaw and whether it would work within the Regional District. Issues reviewed included:

- Burning wood during an air quality advisory is not allowed unless no other heating source is available. It is rare to get an advisory during the burning season so the system wouldn't be utilized/needed and is very expensive to

- operate and difficult to enforce.
- Not allowed to install a wood burning appliance unless it meets emission standards. RDCO is already doing this
- Targets removal of all uncertified wood burning appliances by Dec.31, 2012. Discussed a lot through technical meetings but no one could determine how to enforce this. Staff do not think the Regional District would have the authority to enforce this.
- Targets removal of all uncertified wood burning appliances before the sale or transfer of a house. Regional District staff noted the only organization that would be in a position to enforce such a regulation would be the Land Titles Office.

The Committee noted that there really isn't a problem and staff explained that very few complaints are received and that the current bylaws are sufficient to deal with nuisance complaints. The question was raised whether insurance companies and banks (mortgages) have requirements for wood burning appliances.

ACTION: C.Davis requested to clarify with local insurance companies what requirements they have for wood burning appliances and report back.

SHEPHERD/BAKER

THAT the information on the Burns Lake burning appliance bylaw be received.

CARRIED

2.2 Regional District of Central Okanagan Campfire Regulations

Staff presented the regulations in the Regional District related to campfires and backyard firepits (chimineas). Campfires are allowed within the regional district. The bylaw states: no person shall cause or permit smoke from burning by use of incinerator, burning barrel or similar devise.

It was noted that staff have not received complaints regarding campfires over the last seven years. Westside Fire Department treats the use of backyard chimineas as a campfire. The City of Kelowna fire prevention bylaws ban backyard incinerators. Concern was expressed that some people burn garbage in the chimineas, use on decks or too close to homes. Should the committee wish to ban chimineas, the Regional District's Fire Prevention Bylaw and Smoke Control bylaws will need to be amended to specifically mention them. It was noted that an amendment could specify a burning device must be a CSA approved.

SHEPHERD/NOVAKOWSKI

THAT the issue of whether the Regional District's fire prevention & smoke control bylaws (section 2.5) need to be amended to include the use of chimineas be referred to the Fire Technical Committee for review.

CARRIED

Open burning regulations reviewed for the smoke control bylaw as it pertains to

the smoke control bylaw.

J. Mottishaw reminded the committee that the new provincial Wildfire Act states that local government bylaws supersede provincial bylaws and questioned whether the Regional District's bylaws should say bylaw regulations are only within established fire protection areas. Forestry would not enforce a campfire complaint as regional district bylaws supersede provincial regulations.

Staff noted that the Regional Board has requested the Province to amend the Wildfire Act, as well UBCM is dealing with the issue but it will take time for amendments to be put in place should the Province agree. In the interim what is the best course of action, should the fire/smoke bylaws be amended. Liability issues are of concern to local governments.

ACTION: Jim Mottishaw will have his manager speak to Kelly Roth to discuss what the best course of action would be regarding possible amendments to the Regional District bylaw.

SHEPHERD/HANSON

THAT Regional District staff be directed to evaluate whether wording should be changed in the Fire Prevention and Smoke Control bylaws to include the wording "within established fire protection areas" and report back to the Air Quality Committee.

CARRIED

2.3 Update Anti-Idling Program

Staff reviewed the anti-idling program in the Central Okanagan including:

- school challenge
- RDCO, City of Kelowna and Regional Transit Fleet Policies
- School District No. 23 Bus Fleet Policy
- City of Kelowna/RDCO Living Greener program ads on CHBC and local radio

Next challenge – a broader community education program was reviewed including:

- Anti-idling Bylaw – Need municipal bylaw managers to report on feasibility.
- Signage at Idling Hot Spots – (i.e. schools, drive-through, City Hall, RDCO, etc.)
- Private Fleet Involvement – (i.e. Construction Fleets, Large Companies)
- Advertising Campaign
- News Releases
- Stickers on City and RDCO Vehicles
- Summer student education team for the Okanagan Airshed – if funding is available
- An Idle Free Day – could combine this with Walk and Roll Car Free Day or Clean Air Day

It was noted that the Provincial government now has an anti-idling program and staff associated with it. Staff will go through the reports received and report back

to the committee on the barriers, pros and cons of anti-idling bylaws, and a draft bylaw that may be pertinent to the Central Okanagan.

The question was raised whether staff can get the facts on cost analysis of turning off a vehicle versus idling. Information is available on the Province's anti-idling website and will bring information forward.

- May need to correspond with Chamber of Commerce or tour bus operators about the need to turn their buses off.
- Need for signage in hot spot areas.
- Education is more important than enforcement
- Toronto has a bylaw but doesn't enforce it. Why have a bylaw if it cannot be enforced.

ACTION: Staff to bring a list of recommendations on how to address the anti-idling issues and how one would enforce a bylaw should there be one in place.

SHEPHERD/NOVAKOWSKI

THAT the anti-idling report be received.

CARRIED

2.4 2006 Air Quality Monitoring Results

Staff reviewed the air quality monitoring results for 2006. Stats are in the air quality management plan but now 2006 data is available.

- No real change in ozone over time (1984-2006) in average cycle. Most of ozone is produced by natural sources such as trees and soil. More insight will be given on three year emissions forecast being started this fall by Environment Canada.
- What is the explanation for the dip in data in the years 1988-1994. It is believed to be due to changes in weather pattern at that time.
- Summary of PM2.5 statistics (smoke) reviewed – 140 hours of hazy days in August (forest fires in the south) and 130 hours in September. In August, 25 hours were 30 ug/m3 which is a health concern.
- Data shows change in bylaws and regulations including: increasing venting index to 65, no burning on poor venting days, and less agricultural burning (chipping program), ban on land clearing burning have all had a positive effect on PM2.5 results. Monitoring began in this area in 1997. Wildfire data was reviewed.

Director Hanson left the meeting at 10:15 a.m.

- PM10 and PM2.5 median daily concentrations were reviewed.
 - o Concentrations in 2005/2006 dropped quite significantly on an annual basis.
 - o Goal is to see data remain low with increased growth.
 - o PM10 relates largely to road dust but smoke as well.

SHEPHERD/BAKER

THAT the 2006 Air Quality Monitoring data report be received.

CARRIED

Staff briefly reviewed:

- Cash for Clunkers program starting up right away 70 applications received
- Chipping program is halfway complete - \$30,000 of the \$80,000 budget has been spent. The contractor has done a much better job this year.
- C. Davis attended a conference in Vancouver where they talked about a visibility management plan with the Province.

3. NEXT MEETING

3.1 August 29, 2007

The next regularly scheduled Air Quality Committee meeting is August 29th.
Director Shepherd will not be in attendance.

There being no further business the meeting was adjourned at 10:25 a.m.

CERTIFIED TO BE TRUE AND CORRECT

David Knowles (Chair)

Committee Member

Minutes of the AIR QUALITY COMMITTEE of the Regional District of Central Okanagan held in the Woodhaven Meeting Room, 1450 K.L.O. Road, Kelowna, BC on the 25th day of April 2007

CHAIR	David Knowles	Director, RDCO
VOTING MEMBERS	James Baker Barrie Clark Brian Given Patty Hanson Jeff Harte Sharon Shepherd	Mayor, District of Lake Country Director, City of Kelowna Director, City of Kelowna Director, Central Okanagan East Electoral Area Alternate for Director Novakowski, Westside Director, City of Kelowna
REGRETS:	Terry Condon	District of Peachland
NON-VOTING MEMBERS & GUESTS	Ralph Adams Dr. Hasselback Janice Johnson Deb Leroux Nicole Marzinzik Eric Taylor Craig Weddell	BC Ministry of Environment – Air Quality Meteorologist Interior Health Authority – Medical Health Officer RDOS – AQ Clerk NORD – Air Quality Chair NORD – Waste Reduction Coordinator BC Ministry of Environment Westside Fire Protection
STAFF	Corey Davis Dale Beaudry Mary Jane Drouin	City of Kelowna City of Kelowna RDCO (recorder of minutes)

Chair Knowles brought the meeting to order at 9:07 a.m.

Chair Knowles acknowledged the contribution Eric Taylor has made to the Committee as he departs for a new position in Victoria and welcomed Ralph Adams back to the Committee.

It was noted that GV Productions of Vancouver have requested an opportunity to film the Committee for its production for Clean Air Day.

1. MINUTES

- 1.1 Adopt minutes of March 28, 2007

BAKER/GIVEN

THAT the Air Quality Committee meeting minutes of March 28, 2007 be adopted as circulated.

CARRIED

2. DELEGATION

- 2.1 Dale Beaudry, City of Kelowna re: Road Sanding and Cleanup Strategies for the City of Kelowna
D. Beaudry, City of Kelowna, Roadways and Equipment Superintendent,

addressed the committee reviewing the road sanding and cleanup strategies used within the City of Kelowna. 1513 lane kilometers are swept which includes bike lanes, curb and gutter and roadways. All roads are swept and flushed in the spring, as well as various times throughout the year ie: bike lanes 9 times per year.

The question was raised what is environmental more friendly - sand versus chemicals. Sand recovery is done by the City and the debris is then taken to the landfill to use as ground cover. As it is contaminated with chemicals, debris it is not useable. Dust is an issue with air quality and the desire is to reduce this. Everything they do has an impact on the environment but they try to reduce the impact. Is there an advantage to use the vacuum cleaners versus the mechanical sweepers? Beaudry noted the difficulty is the vacuum sweeper cannot be used in all instances as it will not pick up the heavy clay material left on roadways, especially in areas where development is occurring.

It was noted that three hybrids are being used by the City with six more arriving shortly, for a total of 17 smart cars in their fleet.

The Committee thanked Dale for addressing them.

A question was raised whether staff knew what local governments in BC have bylaws regarding the use of leaf blowers.

BAKER/HART

THAT staff be directed to review if there are other jurisdictions that have bylaws with regard to the use of leaf blowers.

CARRIED

3. BUSINESS ARISING

3.1 Air Quality Management Plan – Final Approval

C. Davis reviewed the final edits to the draft Air Quality Management Plan noting that communication staff and the Ministry of Environment have completed final review of the document. An executive summary was added to the plan which includes the cost of implementing the plan. It was noted that strategies that have not been implemented are planned to begin within the next 2 to 3 years. Strategies that could increase the Air Quality Program budget would not be implemented unless financial and staff support, including senior levels of government, could offset the costs.

Ministry of Environment have forwarded new PM2.5 statistics and these have been added to the Plan. It was noted that in mid 2002 calibrations were changed and the fire of 2003 statistics were taken out as this data made it look like the air quality was getting better whereas the PM2.5 has actually stayed the same (can't go to zero) which in-spite of the increase in population and thereby added pollutants is good news. 2006 data will be added to the document when it arrives, possibly within the next few weeks.

SHEPHERD/BAKER

THAT the draft Air Quality Management Plan be endorsed by the Air Quality Committee and referred to Regional Board for final adoption.

CARRIED

It was noted that we must continue to educate citizens and orchardists, ie: a burn was done by an orchardist on Lakeshore Road this week – why was the debris not chipped? Staff to talk to the Fire Department to as staff to remind orchardists they can chip instead of burning. The Committee was also reminded because of the codling moth orders, orchardists need to be proactive to get rid of the debris which sometimes means the debris must be burnt.

3.2 Environmental Upgrades Planned for Tolko's Kelowna Division

It was noted that Tolko Industries Ltd announced April 16th that environmental upgrades totally approximately \$2 million are planned for Tolko's Kelowna Division. The upgrades include the installation of a state-of-the-art control system that will automate the combustion process in the operation's three biomass-fired steam boilers. This will improve the efficiency of converting wood residue into 'green' electrical power while also reducing air emissions. The second air quality improvement project involves an extensive retrofit of the division's emission control device for three biomass boilers.

It was noted that in the past year or so more hog-fuel has been burnt increasing the air emissions and complaints by the neighbourhood even though the company is meeting all government permitting requirements. It's not clear whether the upgrades will fix the charcoal problems (black spotting in the neighbourhood including the Yacht Club).

It was noted four times a year an independent company is required to do testing (stack test) on emissions at Tolko. This is a requirement from the Ministry of Environment in order to continue operating under their permit. The Ministry will continue to monitor the complaints following Tolko's upgrade.

Dr. Hasselback left the meeting at 10:07 a.m.

3.3 Update on the Okanagan Airshed Management Plan

It was noted that the Regional Board approved the development of an Okanagan valley-wide Air Quality Management Plan by the Okanagan Airshed Coalition. The Regional Board supported, at its April 16th regular meeting, the funding request to the Ministry of Environment by the Regional District of Okanagan-Similkameen on behalf of the Coalition for the development of the management plan.

Staff noted that \$20,000 has been received from the Ministry of Environment for the development of the Airshed Management Plan. The timelines to accomplish

the goal for completing a draft of the Plan is March 2008. A lot of the work will be done by the consultants using the three regional air quality management plans. The first of the action plan is to complete a policy paper that will be used as a guide to form a rough draft of the Plan by August 2007. A stakeholder review process will occur, with further revisions and final reviews and then the final adoption by Regional District Boards.

The consultant to complete the policy paper has been confirmed. C. Davis reviewed the Terms of Reference.

The question was raised whether First Nations will be consulted in the Plan. It was noted that Westbank First Nation does participate in the RDCO bylaw regulations and cooperates effectively with Westside Fire. First Nations has always be consistently invited to the table in the three regional districts.

SHEPHERD/BAKER

THAT the Central Okanagan Air Quality Committee supports the Okanagan Airshed Coalition in sending a letter to the Okanagan Nation Alliance encouraging their participation in the development of the Airshed Management Plan.

CARRIED

ACTION: Following Regional Board approval of the RDCO Air Quality Management Plan staff to forward the plan to WFN for their information

SHEPHERD/BAKER

THAT the report on the update of the Okanagan Airshed Management Plan be received.

CARRIED

3.4 Funding for Curtain Burner for RDCO (Glenn Rousseau-Bio Products Association letter to UBCM)

Chair Hobson requested the Air Quality Committee review the letter to UBCM from Glenn Rousseau, Executive Director, BioProducts Association regarding funding for a curtain burner for the RDCO. Mr. Rousseau expressed concern that the use of a curtain burner is a waste of a precious resource and energy.

Cathy MacKenzie, RDCO staff, addressed the committee noting that Parks staff are meeting with Mr. Rousseau to review various options for disposal of wood debris. The meeting has been scheduled for Thursday, April 26th. It was noted that alternative options are always being reviewed by City staff and the RDCO Parks department. Ian Wilson, City of Kelowna forestry staff has responded to the Mr. Rousseau's letter.

C. MacKenzie explained that the debris from Parks is being used in various ways. The logs are being shipped to a mill, Tolko is taking some of the fuel, and

various other options are being addressed. The practicality of removing the debris is being addressed, it was noted that you can't drag the debris through parks and there are huge costs to transport the debris. Short term the use of a curtain burner is a logical solution. Long term there may be other options.

SHEPHERD/BAKER

THAT C. MacKenzie be requested to report back to the Parks Advisory Committee on the result of the meeting with Mr. Rousseau on alternative uses for pine beetle debris.

CARRIED

The following were added to the agenda

3.5 Anti-idling

Director Shepherd noted that the School District No. 23 has implemented an anti-idling policy for their schools. It was suggested that an educational component for the public be reviewed.

SHEPHERD/HANSON

THAT Staff bring information back to the Air Quality Committee on School District No. 23 anti-idling policy and review what can be done to enhance anti-idling education for the public.

CARRIED

3.6 Backyard Chimney/Firepits

The question was raised whether a public education and awareness campaign is needed about the use of backyard chimney/firepits. They are being sold throughout the Okanagan and the public may not be aware of the Regional District bylaw regarding their usage. It was noted that in most retailers there are signs saying to check local bylaws regarding usage of the chimney

ACTION: Staff to bring information on open burning regulations (Regional District Smoke Control bylaw) to a future meeting for further discussion on backyard burning.

4. NEXT MEETING

4.1 June 27, 2007

The next regularly scheduled meeting of the Air Quality Committee is June 27, 2007.

There being no further business the meeting was adjourned at 11:10 a.m.

CERTIFIED TO BE TRUE AND CORRECT

David Knowles (Chair)

Committee Member