



Idling Control in Greater Sudbury

Education & Outreach
and
Draft By-law

Operations Committee Meeting – April 15, 2013

Idling – Negative effects

- Air pollution
 - ▣ Volatile organic compounds (VOC)
 - ▣ Carbon monoxide (CO)
 - ▣ Oxides of nitrogen (NO_x)
- Negative health effects
 - ▣ Respiratory
 - ▣ Cardiovascular
 - ▣ Cancer
 - ▣ Hormonal and Reproductive
- Carbon dioxide – climate change
- Unnecessary fuel use

Idling – Negative effects

NRCAN - If Canadian motorists avoided idling just 3 minutes a day:

- 630 million litres of fuel saved per year
- \$756 million in fuel savings
- 1.4 million tonnes of carbon dioxide:
- Equivalent to taking 320,000 vehicles off the road for the year

Idling Control – Recap of Actions

- CGS Idling Control Policy (2008)
- Driver training – FLEETSMART, etc
- Auxillary cab heaters
- LED traffic control signal lights in vehicles
- On-board information system

Idling Control – Recap of Actions

EarthCare Sudbury Program (prior to 2012)

- Vehicle idling behavioural study (NRCAN-funded)
- Interventions developed – ‘Idle Free Zone’ signs posted at schools; vehicle stickers
- Newspaper ads
- CTV EarthCare Minute ad on idling
- Additional ‘Idle Free Zone’ signs posted at businesses

Idling Control – Recap of Actions

- February 2012 - Operations Committee directs staff to undertake one year of idling control education prior to Council considering a 2-minute idling control by-law.

Idling Control – Education & Outreach

EarthCare Sudbury Actions in 2012 to 2013

- Numerous Radio Interviews
- Discussion via newspapers
- Distribution of 'Idling-free Zone' signs to local businesses and organizations
- Letters sent to schools
- EarthCare Sudbury Newsletter
- Distribution to diesel and fleet idling info packages to appropriate EarthCare Partners

Idling Control – Education & Outreach

- Mail distribution of idling brochures to 1100 local businesses.
- Distribution of 3000 windshield scrapers with 'idling control' message
- 3 idling control ads on CTV for 3 months
- Distribution of idling control activity booklets

Idling Control – Idling By-law

2-minute idling period permitted

Idling Control – Idling By-law Exemptions

- A vehicle subject to the City's Idling Control Policy (subject to repealing the Policy)
- An emergency vehicle
- Outdoor ambient temp more than 27 degrees C and less than 5 degrees C.
- A vehicle being repaired or serviced.
- Idling of vehicle required as part of circle check inspection.

Idling Control – Idling By-law Exemptions

- An armoured vehicle.
- A vehicle engaged in normal farm practice.
- A vehicle idling to comply with the requirements of the Highway Traffic Act in order for windows to be in a condition to afford the driver a clear view.
- A vehicle in a drive-through lane.

Idling Control – Option 1

Enactment without Stakeholder Consultation

Pros

- No extra resources required to consult.
- No delays to the enactment of the by-law.

Cons

- Stakeholder groups could offer considerable insight to the drafting of the by-law.

Idling Control – Option 2

Consultation with Stakeholders

Pros

- Operations Committee better informed on stakeholder issues prior to recommending the by-law to Council.

Cons

- A slight delay in the enactment of the by-law if recommended by the Operations Committee.

Idling Control – Next Steps

If Option 2:

- Consultation with community stakeholders.
- Staff report to Operations Committee with results of stakeholder consultation.