



Air Emissions Update

Healthy Flin Flon
October 5, 2009



Current Status

- Smelter closure by July 2010
- Continued focus on community air quality
- Production decreases resulting in reduced emissions



Air Emission Update

Community Air Quality

■ Air Quality Website

- Current SO₂ at the 5 area monitors
- Chart or graph of previous 24 hour levels
- Contact information including what to do during high levels

■ Production Variations

- Dispersion model in use by Smelter operational personnel
- Intent is to predict SO₂ events in the community
- Goal is to use model predictions when varying production
- Operational changes to limit the length and number of SO₂ events

■ Site Work

- Continued tailings pond work to minimize dusting events
- Paving of roads on site to reduce dust



Air Emission Update

Air Quality Website (flinflonairquality.com)

Current Air Quality in the Flin Flon / Creighton Area - Microsoft Internet Explorer

Address <http://www.flinflonairquality.com>

Current Air Quality in the Flin Flon / Creighton Area

1- Staff House: 0.0027 2- Provincial Building: 0.0053 3- Aqua Centre: 0.0024 4- Hapnot Collegiate: 0.0034 5- Creighton Firehall: 0.0028

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Sulphur Dioxide Monitoring Locations

Notice: no notices in effect.

Click on location to view the readings for the last 24 hours.

Zoom

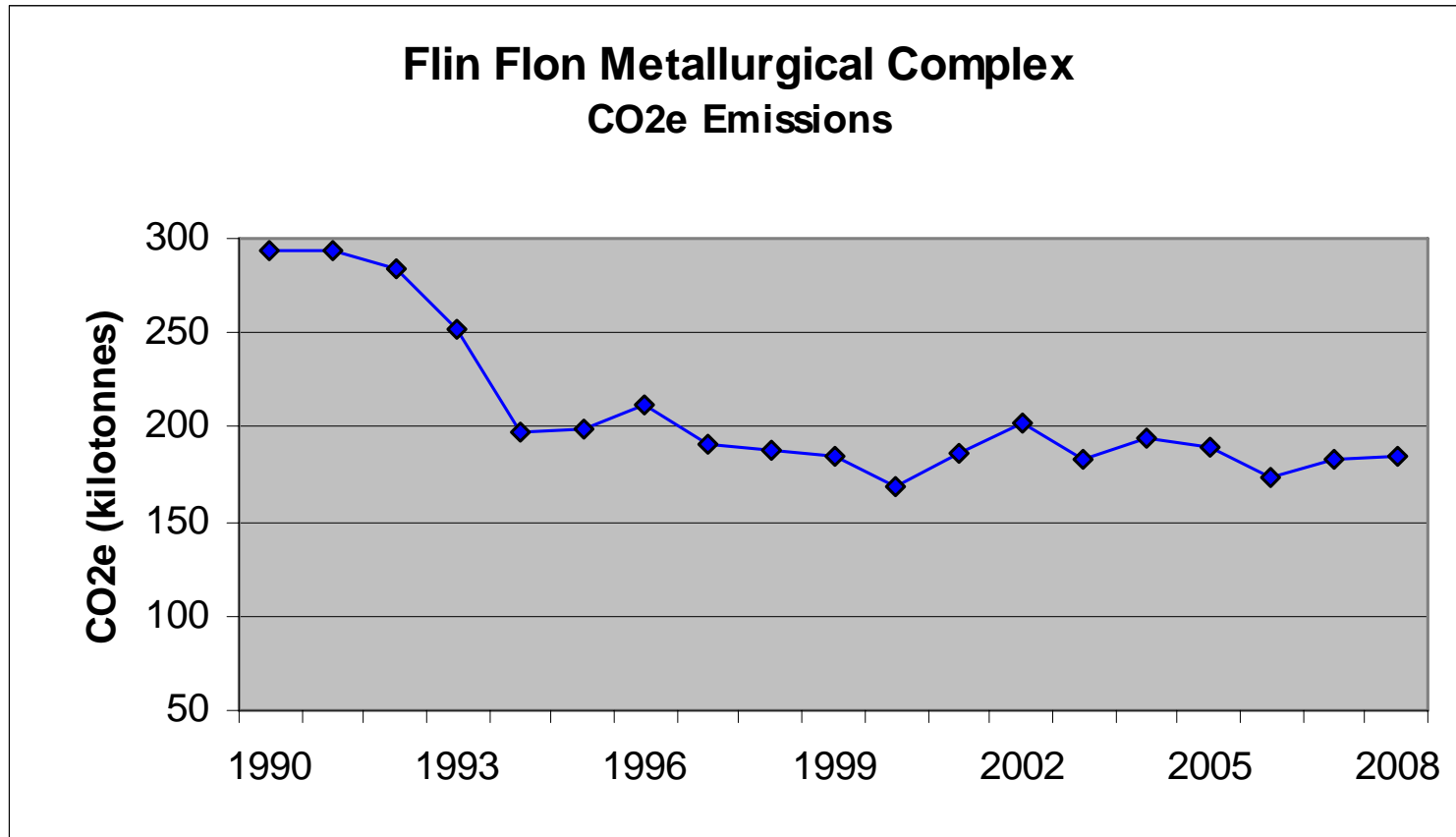
1 - ing
2 - ing
3 - ding
4 - late
5 - hall

Done Start Inbox - Micro... Rob's Smelter 2007 HFF Pre... Healthy Flin Fl... Watchguard ... Current Air ... Internet 15:18



Air Emission Update

Green House Gas Emissions





Emission Reduction Plan

■ Mercury

- Reductions to Concentrate levels continue

■ Sulphur Dioxide

- Voluntary target of 187,000 tonnes in 2008
- Projected total of less than 150,000 tonnes in 2009
- Reduced rates in 2010 up to closure

■ Particulate Matter

- Reduced Zinc in feed helping reduce emissions
- Reduction in throughput reducing emissions



Metals in Soils Study Update

- HHRA data collection completed in 2008 (soil, dust, water, etc)
- Community Health Status Assessment completed late 2008 (“...as good as or better than the provincial averages for most indicators studied”)
- Initial draft HHRA report prepared early 2009
- Reviewed by Technical Advisory Committee (TAC) and Independent Expert Review Panel (IERP)
- IERP report received mid-September and Intrinsik now working on final draft HHRA report
- Exposure Evaluation study currently underway
- Expect final reports to be issued early 2010
- www.flinflonsoilstudy.com