

# Custom Venting Forecast

Christina Van Eaton - Fire Weather and Venting Meteorologist

Company: **Flatiron Constructors Canada Ltd.**

Burn Registration Number(s): On file

Issued: Monday, March 08, 2021

FOR BURNING ON: Tuesday, March 09, 2021

## Synopsis:

**Tuesday:** An upper trough rotates southward through the region, bringing better instability. With increasing winds, venting is expected to improve to good.

**Wednesday:** Instability falls as the upper trough departs, with a more northerly flow through the region. With lighter winds, venting expected to fall to fair.

**Thursday:** Little change is expected to instability as a weak upper ridge moves through the region. With increasing winds, however, venting is expected to improve to good.

**Comments:** For Wednesday and Thursday, venting will likely waffle between fair and good dependent upon winds in the absence of any changes to mixing heights. Generally speaking, winds near or above 20 km/h are likely to see good venting conditions, with fair expected with speeds closer to 15 km/h. Direction may be a little challenging as well for Tuesday evening into early Wednesday, with some version of north to northwesterlies possible as a weak frontal boundary moves through the region.

<b>031-294-944 EPP104302 Lot1</b>		Lat & Long:	56.12, -121.73	Elev: 450m	Piles:
		Venting:	Optimal Time:	Mixing Height ASL (m):	Wind: (km/h)
<b>Tuesday</b>	AM:	Poor	10 am - 4 pm	surface	calm
	PM:	Good		1450	SW 10-20
<b>Wednesday</b>		Fair	10 am - 4 pm	1200	S 10-15
<b>Thursday</b>		Good	10 am - 4 pm	1250	SW 15-25

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