

# Custom Venting Forecast

Christina Van Eaton - Fire Weather and Venting Meteorologist

Company: **Flatiron Constructors Canada Ltd.**

Burn Registration Number(s): On file

Issued: Saturday, March 13, 2021

FOR BURNING ON: Sunday, March 14, 2021

**Synopsis:**

**Sunday:** An upper low tracking through the Yukon brings weak instability. With light winds, venting expected to remain fair.

**Monday:** A weak trough rides through the pattern, pushing instability up a bit. With light bordering moderate winds, however, venting expected to remain fair.

**Tuesday:** Instability continues as the flow aloft remains strong. With increasing winds, venting expected to improve to good.

**Comments:** Sunday's upper low is showing signs of adjusting once again, with test burns suggested as a further fall in mixing heights or forecast winds could see conditions fall to poor as opposed to fair. As Monday is also reliant on a weak upper trough feature to push mixing heights upward, we could see shifts on this day as well, however things are likely to simply remain fair as mixing heights would have a long way to fall before poor was found.

<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>Sunday</b>	AM:	Poor	10 am - 4 pm	surface	calm
	PM:	Fair		850	NNW 10-15
<b>Monday</b>		Fair	10 am - 4 pm	1100	SW 10-20
<b>Tuesday</b>		Good	10 am - 4 pm	1200	SW 15-25

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