

# Hollinger Public Blast Report

**Blast Pattern:** 3298\_006  
**Date:** 16-Feb-21  
**Blast Time:** 11:40  
**Blast Sign Activation:** 7:20  
**Website Notification Time:** 7:08

## Blast Conditions

Ceiling Height: 18044 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 6  
Wind Direction: NE  
Temperature: -16.8 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	52.5 LAeq	99.6 dB
Edwards:	41.1 LAeq	91.6 dB
Fred:	39.5 LAeq	89.5 dB
Hollinger Office:	56.0 LAeq	100.8 dB
Noah:	57.9 LAeq	101.4 dB
Sandy:	41.8 LAeq	108.0 dB
Water Tower:	47.6 LAeq	112.9 dB
Wilson:	48.9 LAeq	105.2 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	14.9	15.1	2.3	2.6
Edwards:	2.8	4.1	11.4	17.1
Hollinger Office:	0.0	0.0	27.7	78.4
Sandy:	12.2	29.0	20.5	50.6

# Hollinger Public Blast Report

## NO<sub>x</sub> Levels (ppb) - NO<sub>x</sub> Monitoring Instruments Reviewed:

**NO<sub>x</sub> Alert: No exceedances recorded**

	Avg. NO <sub>x</sub>	Max NO <sub>x</sub>
Claimpost:	1.2	1.6
Edwards:	2.7	3.2
Hollinger Office:	12.9	46.1
Sandy:	13.9	31.6

## Vibration (mm/s) – Vibration Instruments Reviewed:

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.4	0.3
Hollinger West:	0.7	1.5	0.9
Imerys:	0.6	2.0	0.6
Noah:	0.8	1.1	0.9
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	1.1	0.7	0.8
Water Tower:	1.9	2.3	1.2
Wilson:	1.4	1.6	2.2