

# Hollinger Public Blast Report



**Blast Pattern:** 3358\_148  
**Date:** 23-Jan-18  
**Blast Time:** 11:35  
**Blast Sign Activation:** 8:40  
**Website Notification Time:** 8:15

## Blast Conditions

Ceiling Height: 2000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 26 km/hr  
Wind Direction: N  
Temperature: -15.3 °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:	53.5 LAeq	106.8 dB
Edwards:	49.9 LAeq	105.8 dB
Fred:	51.1 LAeq	113.0 dB
Hollinger Office:	54.9 LAeq	109.9 dB
Noah:	57.6 LAeq	112.1 dB
Sandy:	66.1 LAeq	113.3 dB
Water Tower:	49.7 LAeq	112.1 dB
Wilson:	55.7 LAeq	116.2 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:	4.8	6.4	2.5	3.5
Edwards:	5.3	9.1	3.0	4.5
Hollinger Office:	11.4	14.4	9.4	13.5
Sandy:	22.2	35.7	16.0	27.6

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## 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:	1.3	1.9
Edwards:	6.9	10.7
Hollinger Office:	7.1	15.7
Sandy:	12.0	28.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.9	1.9	2.3
Hollinger West:	0.1	0.2	0.2
Imerys:	1.3	1.2	0.9
Noah:	0.9	1.1	0.9
Moneta Pumping Station:	0.1	0.2	0.2
Sandy:	0.2	0.1	0.2
Water Tower:	0.5	0.6	0.5
Wilson:	0.3	0.5	0.4