

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_087, 3322\_005, 3322\_037PS  
**Date:** 4-Jan-20  
**Blast Time:** 11:33  
**Blast Sign Activation:** 7:28  
**Website Notification Time:** 7:14

## Blast Conditions

Ceiling Height: 1969 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 0 km/hr  
Wind Direction: N  
Temperature: -9.8 °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:	49.6 LAeq	103.5 dB
Edwards:	50.5 LAeq	95.4 dB
Fred:	46.3 LAeq	91.0 dB
Hollinger Office:	50.3 LAeq	106.7 dB
Noah:	57.7 LAeq	104.2 dB
Sandy:	40.4 LAeq	111.9 dB
Water Tower:	44.8 LAeq	114.2 dB
Wilson:	60.6 LAeq	112.6 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:	5.3	6.6	4.6	5.7
Edwards:	4.5	5.2	9.5	11.9
Hollinger Office:	2.2	2.6	6.3	8.5
Sandy:	6.4	9.9	9.0	21.5

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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:	1.2	1.8
Edwards:	2.4	3.8
Hollinger Office:	6.0	9.2
Sandy:	12.8	21.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	1.2	1.1	1.3
Imerys:	0.4	0.4	0.5
Noah:	0.7	0.5	0.5
Moneta Pumping Station:	0.6	0.4	0.6
Sandy:	2.8	1.5	2.3
Water Tower:	0.8	0.4	0.7
Wilson:	1.3	1.2	1.4