

# Hollinger Public Blast Report

**Blast Pattern:** 3244\_004/006  
**Date:** 19-Oct-22  
**Blast Time:** 11:4100 AM  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:25

## Blast Conditions

Ceiling Height: 2,953 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 17 km/hr  
Wind Direction: NW  
Temperature: 0.2 °C

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

### Noise Alert:

#### Blast Siren Locations:

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

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	55.5 LAeq	106.9 dB
Edwards:	48.3 LAeq	99.3 dB
Fred:	43.0 LAeq	107.6 dB
Hollinger Office:	56.8 LAeq	111.2 dB
Noah:	61.3 LAeq	105.3 dB
Sandy:	LAeq	dB
Water Tower:	47.7 LAeq	119.5 dB
Wilson:	47.2 LAeq	112.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	0.0	0.0	0.0	0.0
Edwards:	0.1	0.3	1.3	1.9
Hollinger Office:	0.1	0.7	0.8	2.6
Sandy:	1.3	2.9	1.2	2.7

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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:	0.2	0.5
Edwards:	0.2	0.4
Hollinger Office:	2.5	3.5
Sandy:	1.9	5.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.4	0.2	0.5
Hollinger West:	2.9	1.0	2.8
Imerys:	1.2	1.1	1.1
Noah:	0.8	1.0	1.3
Moneta Pumping Station:	1.1	0.6	0.8
Sandy:	2.1	1.4	1.5
Water Tower:	1.9	1.7	2.0
Wilson:	2.7	2.7	2.7



