

# Hollinger Public Blast Report

**Blast Pattern:** 3232-001  
**Date:** 8-Dec-22  
**Blast Time:** 11:42  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 29,855 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 7  
Wind Direction: S  
Temperature: -16.3 °C

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

### Noise Alert:

#### Blast Siren Locations:

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

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	51.1 LAeq	99.6 dB
Edwards:	44.6 LAeq	89.0 dB
Fred:	40.9 LAeq	90.1 dB
Hollinger Office:	53.1 LAeq	97.2 dB
Noah:	57.0 LAeq	97.1 dB
Sandy:	43.6 LAeq	106.3 dB
Water Tower:	42.8 LAeq	90.6 dB
Wilson:	47.8 LAeq	99.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.0	4.7	3.8	5.1
Edwards:	56.6	66.0	2.6	4.6
Hollinger Office:	10.2	15.1	3.2	6.9
Sandy:	10.2	28.9	8.1	19.8

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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:	2.8	4.8
Edwards:	4.0	16.1
Hollinger Office:	9.3	17.9
Sandy:	1.1	1.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.6	0.3	0.4
Hollinger West:	2.0	1.2	1.0
Imerys:	0.8	1.5	1.0
Noah:	1.2	1.2	1.6
Moneta Pumping Station	0.9	1.1	1.3
Sandy:	3.8	1.4	4.7
Water Tower:	2.2	2.4	2.0
Wilson:	3.2	2.5	2.2



