

# Hollinger Public Blast Report

**Blast Pattern:** 3238\_001/002B  
**Date:** 28-Oct-22  
**Blast Time:** 15:36  
**Blast Sign Activation:** 10:25  
**Website Notification Time:** 10:23

## Blast Conditions

Ceiling Height: 12,139 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 20  
Wind Direction: SW  
Temperature: 10.3 °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:	57.4 LAeq	112.7 dB
Edwards:	53.0 LAeq	115.6 dB
Fred:	53.5 LAeq	113.1 dB
Hollinger Office:	59.1 LAeq	121.2 dB
Noah:	61.9 LAeq	114.7 dB
Sandy:	51.7 LAeq	117.5 dB
Water Tower:	62.8 LAeq	118.1 dB
Wilson:	53.3 LAeq	111.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.8	6.1	3.8	4.5
Edwards:	15.7	16.2	6.8	9.7
Hollinger Office:	11.4	23.1	-	-
Sandy:	5.8	8.2	5.0	6.7

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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	0.7
Edwards:	2.7	8.5
Hollinger Office:	2.2	4.0
Sandy:	0.4	0.6

## 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	0.0	0.1
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	1.8	0.6	1.0
Imerys:	1.8	1.3	1.1
Noah:	1.0	1.0	1.0
Moneta Pumping Station	1.1	0.9	1.0
Sandy:	3.2	1.9	3.1
Water Tower:	2.5	2.3	3.9
Wilson:	2.0	1.3	1.6



