

# Hollinger Public Blast Report

**Blast Pattern:** 3250\_006  
**Date:** 13-Sep-22  
**Blast Time:** 11:37  
**Blast Sign Activation:** 7:10  
**Website Notification Time:** 7:11

## Blast Conditions

Ceiling Height: 1,968 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 6 km/hr  
Wind Direction: SE  
Temperature: 19.2 °C

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

### Noise Alert:

### Blast Siren Locations:

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

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	56.0 LAeq	101.0 dB
Edwards:	45.5 LAeq	94.6 dB
Fred:	42.3 LAeq	87.3 dB
Hollinger Office:	56.7 LAeq	104.2 dB
Noah:	58.8 LAeq	102.2 dB
Sandy:	44.4 LAeq	103.7 dB
Water Tower:	48.6 LAeq	113.5 dB
Wilson:	50.6 LAeq	102.8 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:	17.0	20.1	10.8	14.5
Edwards:	7.7	8.4	34.0	36.7
Hollinger Office:	12.9	14.4	29.4	33.5
Sandy:	6.8	7.8	21.0	25.3

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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:	1.7	5.0
Edwards:	2.0	4.0
Hollinger Office:	3.3	5.4
Sandy:	1.3	1.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	3.2	2.2	2.6
Imerys:	1.4	1.1	1.6
Noah:	1.0	0.9	0.8
Moneta Pumping Station:	0.8	0.6	0.9
Sandy:	5.6	1.4	1.9
Water Tower:	1.9	2.4	3.0
Wilson:	2.8	2.1	2.7



