

# Hollinger Public Blast Report

**Blast Pattern:** 3244\_002  
**Date:** 30-Sep-22  
**Blast Time:** 11:34  
**Blast Sign Activation:** 6:55  
**Website Notification Time:** 6:51

## Blast Conditions

Ceiling Height: 15,092 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 11 km/hr  
Wind Direction: SW  
Temperature: 13.0 °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:	55.6 LAeq	99.6 dB
Edwards:	48.7 LAeq	96.9 dB
Fred:	44.1 LAeq	96.0 dB
Hollinger Office:	55.5 LAeq	102.2 dB
Noah:	59.7 LAeq	100.7 dB
Sandy:	46.9 LAeq	103.7 dB
Water Tower:	46.8 LAeq	109.0 dB
Wilson:	47.6 LAeq	102.2 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:	7.7	9.8	4.5	8.4
Edwards:	8.9	9.5	10.8	24.1
Hollinger Office:	23.8	44.9	15.8	28.1
Sandy:	9.0	13.2	7.9	12.0

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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:	0.4	0.9
Edwards:	4.6	15.6
Hollinger Office:	3.5	8.3
Sandy:	0.5	0.7

## 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:	0.1	0.0	0.1
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	1.2	0.4	0.8
Imerys:	1.1	1.0	0.9
Noah:	0.8	0.6	0.8
Moneta Pumping Station:	0.7	0.5	0.6
Sandy:	13.5	1.1	4.6
Water Tower:	2.0	1.5	2.1
Wilson:	2.0	1.3	1.6



