

# Hollinger Public Blast Report

**Blast Pattern:** 3274\_203P/S 3316\_098  
**Date:** 10-Sep-21  
**Blast Time:** 11:38  
**Blast Sign Activation:** 8:15  
**Website Notification Time:** 8:06

## Blast Conditions

Ceiling Height: 6,562 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 7  
Wind Direction: N  
Temperature: 14.5 °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:	56.1 LAeq	117.0 dB
Edwards:	48.2 LAeq	108.1 dB
Fred:	44.9 LAeq	98.4 dB
Hollinger Office:	61.3 LAeq	115.1 dB
Noah:	60.7 LAeq	103.0 dB
Sandy:	44.2 LAeq	108.6 dB
Water Tower:	51.1 LAeq	113.7 dB
Wilson:	47.8 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:	8.0	8.4	4.0	4.9
Edwards:	4.9	5.2	6.1	7.6
Hollinger Office:	8.4	8.8	11.2	14.3
Sandy:	7.7	9.9	11.2	14.4

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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:	0.1	0.3
Hollinger Office:	3.4	10.7
Sandy:	2.3	4.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.5	0.8
Edwards:	0.2	0.3	0.3
Hollinger Office:	0.5	0.4	0.5
Hollinger West:	0.6	0.3	0.8
Imerys:	0.9	0.4	0.7
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	1.1	0.6	0.5
Sandy:	3.3	2.9	1.9
Water Tower:	0.6	1.4	0.4
Wilson:	1.4	2.2	1.2