

# Hollinger Public Blast Report

**Blast Pattern:** 3316\_030  
**Date:** 3-Jul-20  
**Blast Time:** 15:34  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 43799 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 20 km/hr  
Wind Direction: N  
Temperature: 26 °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:	57.6 LAeq	102.5 dB
Edwards:	50.1 LAeq	109.5 dB
Fred:	47.3 LAeq	109.3 dB
Hollinger Office:	57.8 LAeq	111.2 dB
Noah:	61.7 LAeq	107.1 dB
Sandy:	50.1 LAeq	109.9 dB
Water Tower:	50.5 LAeq	110.8 dB
Wilson:	51.3 LAeq	112.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.4	16.5	17.8	22.6
Edwards:	2.3	2.9	12.0	17.8
Hollinger Office:	5.4	5.9	18.4	22.0
Sandy:	22.1	55.8	16.8	46.4

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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:	0.0	0.0
Edwards:	0.5	1.1
Hollinger Office:	2.4	4.0
Sandy:	2.1	7.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	3.7	1.7	2.6
Imerys:	0.2	0.2	0.2
Noah:	0.6	1.2	0.6
Moneta Pumping Station:	0.5	0.4	0.5
Sandy:	4.3	1.3	2.6
Water Tower:	0.6	0.4	0.5
Wilson:	2.1	2.0	1.8