

# Hollinger Public Blast Report

**Blast Pattern:** 3316\_023, 3322\_200PS  
**Date:** 6-Jul-20  
**Blast Time:** 11:40  
**Blast Sign Activation:** 8:04  
**Website Notification Time:** 7:47

## Blast Conditions

Ceiling Height: 20013 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 11 km/hr  
Wind Direction: S  
Temperature: 26.8 °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:	54.0 LAeq	113.1 dB
Edwards:	46.3 LAeq	105.3 dB
Fred:	44.5 LAeq	99.4 dB
Hollinger Office:	56.9 LAeq	118.5 dB
Noah:	61.7 LAeq	111.9 dB
Sandy:	48.1 LAeq	117.4 dB
Water Tower:	51.8 LAeq	122.5 dB
Wilson:	49.5 LAeq	108.6 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:	21.6	23.5	41.8	47.0
Edwards:	8.3	8.8	26.7	28.5
Hollinger Office:	22.4	35.2	47.1	91.6
Sandy:	18.3	22.0	22.6	26.0

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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:	1.6	4.9
Edwards:	0.6	1.6
Hollinger Office:	0.0	0.0
Sandy:	1.7	2.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.5	0.9
Hollinger West:	1.0	0.5	1.1
Imerys:	1.4	1.2	2.1
Noah:	1.2	1.0	0.7
Moneta Pumping Station:	0.9	0.6	1.1
Sandy:	5.7	2.5	2.9
Water Tower:	2.1	1.1	2.4
Wilson:	1.3	1.5	2.1