

# Hollinger Public Blast Report

**Blast Pattern:** 3328\_081  
**Date:** 4-Apr-20  
**Blast Time:** 11:33  
**Blast Sign Activation:** 8:06  
**Website Notification Time:** 7:59

## Blast Conditions

Ceiling Height: 23950 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 11 km/hr  
Wind Direction: S  
Temperature: 11 °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:	49.9 LAeq	110.9 dB
Edwards:	44.6 LAeq	101.7 dB
Fred:	41.3 LAeq	95.0 dB
Hollinger Office:	52.2 LAeq	115.0 dB
Noah:	57.8 LAeq	103.3 dB
Sandy:	41.4 LAeq	99.7 dB
Water Tower:	48.1 LAeq	109.7 dB
Wilson:	42.6 LAeq	94.7 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:	8.3	8.4	7.9	8.4
Edwards:	3.7	4.4	10.4	15.2
Hollinger Office:	7.5	9.0	14.7	17.2
Sandy:	7.4	9.3	9.0	11.4

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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:	0.8	2.1
Edwards:	4.6	12.5
Hollinger Office:	1.5	2.4
Sandy:	1.4	1.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	1.0	0.7	1.7
Hollinger West:	0.4	0.1	0.3
Imerys:	1.7	1.3	1.7
Noah:	1.9	1.4	1.7
Moneta Pumping Station:	0.3	0.1	0.4
Sandy:	0.3	0.2	0.3
Water Tower:	1.1	1.0	0.7
Wilson:	0.9	0.6	0.8