

# Hollinger Public Blast Report

**Blast Pattern:** 3316\_031  
**Date:** 11-Jul-20  
**Blast Time:** 11:31  
**Blast Sign Activation:** 7:00  
**Website Notification Time:** 7:00

## Blast Conditions

Ceiling Height: 656 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 7 km/hr  
Wind Direction: NW  
Temperature: 22.2 °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:	55.9 LAeq	105.3 dB
Edwards:	49.1 LAeq	98.0 dB
Fred:	47.5 LAeq	98.2 dB
Hollinger Office:	54.5 LAeq	107.5 dB
Noah:	59.1 LAeq	105.6 dB
Sandy:	47.1 LAeq	110.4 dB
Water Tower:	47.0 LAeq	114.5 dB
Wilson:	46.9 LAeq	107.1 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	22.7	46.7	47.5
Edwards:	6.6	7.1	30.5	32.2
Hollinger Office:	10.2	10.6	32.9	34.8
Sandy:	5.4	9.0	16.7	28.4

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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:	1.5	4.5
Hollinger Office:	1.0	2.0
Sandy:	3.9	8.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.0
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	5.1	3.3	4.4
Imerys:	0.8	1.0	0.8
Noah:	0.6	0.4	0.6
Moneta Pumping Station:	0.7	0.4	0.5
Sandy:	1.9	0.9	1.2
Water Tower:	1.2	1.6	1.7
Wilson:	3.3	2.5	2.8