

# Hollinger Public Blast Report

**Blast Pattern:** 3328\_107, 3310\_208C  
**Date:** 30-May-20  
**Blast Time:** 11:46  
**Blast Sign Activation:** 8:25  
**Website Notification Time:** 7:34

## Blast Conditions

Ceiling Height: 1640 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 15 km/hr  
Wind Direction: NW  
Temperature: 5.7 °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:	55.7 LAeq	120.0 dB
Edwards:	49.4 LAeq	108.0 dB
Fred:	48.6 LAeq	102.9 dB
Hollinger Office:	54.3 LAeq	120.7 dB
Noah:	59.8 LAeq	111.6 dB
Sandy:	45.8 LAeq	109.1 dB
Water Tower:	49.3 LAeq	115.5 dB
Wilson:	46.7 LAeq	110.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.9	8.2	15.5	16.0
Edwards:	2.9	3.7	8.3	10.9
Hollinger Office:	1.6	1.7	10.7	12.6
Sandy:	1.8	1.9	2.5	3.7

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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	0.1
Edwards:	0.4	0.6
Hollinger Office:	0.8	1.3
Sandy:	1.7	3.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.6	0.7
Edwards:	0.2	0.1	0.2
Hollinger Office:	2.0	0.6	1.5
Hollinger West:	0.4	0.3	0.3
Imerys:	0.8	1.1	1.8
Noah:	1.3	0.7	1.0
Moneta Pumping Station:	0.2	0.3	0.3
Sandy:	0.4	0.2	0.5
Water Tower:	3.1	1.7	2.5
Wilson:	1.0	0.9	1.2