

# Hollinger Public Blast Report

**Blast Pattern:** 3304\_001  
**Date:** 2-Nov-20  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2296 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 17 km/hr  
Wind Direction: S  
Temperature: -5.3 °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:	52.3 LAeq	101.7 dB
Edwards:	50.1 LAeq	103.5 dB
Fred:	45.3 LAeq	103.3 dB
Hollinger Office:	54.8 LAeq	116.2 dB
Noah:	59.6 LAeq	110.8 dB
Sandy:	48.4 LAeq	107.1 dB
Water Tower:	52.7 LAeq	113.6 dB
Wilson:	51.6 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:	11.2	12.7	6.9	10.5
Edwards:	6.9	11.2	5.9	8.5
Hollinger Office:	28.4	59.2	35.0	68.4
Sandy:	12.5	20.0	13.7	39.9

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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:	1.0	2.7
Edwards:	1.2	2.5
Hollinger Office:	3.7	11.4
Sandy:	1.5	1.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	1.0	0.6	0.9
Imerys:	0.4	0.4	0.5
Noah:	0.5	0.4	0.5
Moneta Pumping Station:	0.7	0.9	0.6
Sandy:	3.4	1.5	2.6
Water Tower:	0.8	0.6	0.7
Wilson:	1.4	1.3	1.7