

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_087  
**Date:** 5-Jan-21  
**Blast Time:** 11:33  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 296 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 6  
Wind Direction: S  
Temperature: -1 °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:	53.0 LAeq	110.8 dB
Edwards:	46.1 LAeq	98.5 dB
Fred:	43.4 LAeq	89.7 dB
Hollinger Office:	56.4 LAeq	117.2 dB
Noah:	60.0 LAeq	105.6 dB
Sandy:	47.6 LAeq	103.8 dB
Water Tower:	46.1 LAeq	112.3 dB
Wilson:	49.6 LAeq	102.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	16.1	16.9	9.6	10.1
Edwards:	7.6	7.9	19.6	20.4
Hollinger Office:	9.1	9.4	22.1	23.3
Sandy:	7.8	8.0	14.0	14.8

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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:	2.2	5.6
Edwards:	1.8	5.5
Hollinger Office:	9.4	17.7
Sandy:	4.3	9.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.7	1.2
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.1	0.7	0.8
Hollinger West:	0.2	0.1	0.1
Imerys:	0.5	0.3	0.6
Noah:	1.0	0.6	0.9
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.3	0.2	0.3
Water Tower:	0.2	0.2	0.2
Wilson:	0.8	0.6	0.8