

# Hollinger Public Blast Report

**Blast Pattern:** 3334\_092  
**Date:** 15-Jan-20  
**Blast Time:** 11:33  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 656 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 17 km/hr  
Wind Direction: NW  
Temperature: -5.2 °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:	53.6 LAeq	101.2 dB
Edwards:	52.4 LAeq	106.7 dB
Fred:	40.6 LAeq	97.2 dB
Hollinger Office:	61.5 LAeq	108.9 dB
Noah:	60.8 LAeq	104.3 dB
Sandy:	50.8 LAeq	102.7 dB
Water Tower:	47.2 LAeq	108.7 dB
Wilson:	43.6 LAeq	97.9 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:	4.9	5.5	4.3	4.6
Edwards:	4.7	5.1	8.6	9.9
Hollinger Office:	7.0	7.5	6.7	8.4
Sandy:	3.4	5.0	5.7	8.3

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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:	1.1	1.6
Edwards:	1.9	3.1
Hollinger Office:	19.3	30.5
Sandy:	6.2	23.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.2	0.1	0.1
Hollinger Office:	0.7	0.9	1.5
Hollinger West:	0.1	0.1	0.1
Imerys:	1.2	0.9	1.8
Noah:	1.7	0.8	2.2
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.1	0.3
Water Tower:	0.4	0.5	0.4
Wilson:	1.2	0.6	0.9