

# Hollinger Public Blast Report



**Blast Pattern:** 3334\_113, 3340\_128/141  
**Date:** 19-Nov-19  
**Blast Time:** 11:48  
**Blast Sign Activation:** 8:16  
**Website Notification Time:** 8:10

## Blast Conditions

Ceiling Height: 328 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 4 km/hr  
Wind Direction: SE  
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:	52.4 LAeq	106.0 dB
Edwards:	41.3 LAeq	100.4 dB
Fred:	37.0 LAeq	89.6 dB
Hollinger Office:	55.1 LAeq	110.7 dB
Noah:	59.9 LAeq	104.4 dB
Sandy:	47.3 LAeq	100.6 dB
Water Tower:	47.9 LAeq	109.7 dB
Wilson:	48.3 LAeq	96.4 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:	13.6	14.9	11.8	12.5
Edwards:	10.0	10.9	20.6	22.8
Hollinger Office:	14.2	15.5	23.9	26.3
Sandy:	9.5	10.6	22.4	23.6

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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:	3.6	4.4
Edwards:	5.0	8.4
Hollinger Office:	17.9	24.4
Sandy:	3.1	4.8

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

**Vibration Alert: No exceedances recorded**

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