

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_013  
**Date:** 12-Feb-20  
**Blast Time:** 11:33  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 7874 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 17 km/hr  
Wind Direction: S  
Temperature: -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:	51.4 LAeq	111.2 dB
Edwards:	48.1 LAeq	119.6 dB
Fred:	46.4 LAeq	110.5 dB
Hollinger Office:	59.0 LAeq	114.8 dB
Noah:	59.4 LAeq	116.6 dB
Sandy:	49.9 LAeq	110.9 dB
Water Tower:	61.1 LAeq	119.0 dB
Wilson:	51.7 LAeq	109.4 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:	9.7	11.4	8.8	12.3
Edwards:	5.4	6.9	19.2	30.9
Hollinger Office:	17.7	31.5	21.3	34.5
Sandy:	3.7	4.0	11.1	12.9

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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:	0.7	1.6
Edwards:	3.9	13.2
Hollinger Office:	4.5	5.1
Sandy:	2.7	4.5

## 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:	0.1	0.1	0.1
Hollinger West:	0.8	0.5	0.9
Imerys:	0.1	0.2	0.3
Noah:	0.3	0.4	0.5
Moneta Pumping Station:	0.5	0.4	0.5
Sandy:	2.9	2.5	2.2
Water Tower:	0.5	0.6	0.3
Wilson:	1.3	1.0	1.6