

# Hollinger Public Blast Report

**Blast Pattern:** 3304\_008, 3310\_040  
**Date:** 2-Dec-20  
**Blast Time:** 11:43  
**Blast Sign Activation:** 7:47  
**Website Notification Time:** 7:34

## Blast Conditions

Ceiling Height: 32808 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 24 km/hr  
Wind Direction: NW  
Temperature: -6.2 °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:	56.1 LAeq	110.4 dB
Edwards:	50.1 LAeq	107.7 dB
Fred:	47.0 LAeq	110.2 dB
Hollinger Office:	57.1 LAeq	112.5 dB
Noah:	60.2 LAeq	106.1 dB
Sandy:	47.3 LAeq	109.7 dB
Water Tower:	48.6 LAeq	115.0 dB
Wilson:	47.9 LAeq	104.8 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:	10.6	12.2	4.2	5.8
Edwards:	5.2	7.9	43.1	49.4
Hollinger Office:	3.4	4.8	8.4	11.0
Sandy:	7.0	32.0	8.8	54.6

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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:	1.9	2.4
Edwards:	3.8	5.6
Hollinger Office:	2.6	3.3
Sandy:	3.6	7.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	1.0	0.6	1.0
Imerys:	0.2	0.3	0.3
Noah:	0.3	0.4	0.4
Moneta Pumping Station:	0.6	0.6	0.6
Sandy:	6.9	3.8	5.7
Water Tower:	0.6	0.9	0.7
Wilson:	2.1	2.1	3.3