

# Hollinger Public Blast Report

**Blast Pattern:** 3304\_037, 3322\_102  
**Date:** 25-Feb-21  
**Blast Time:** 11:32  
**Blast Sign Activation:** 8:30  
**Website Notification Time:** 7:27

## Blast Conditions

Ceiling Height: 12139 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 11  
Wind Direction: NW  
Temperature: -13.1 °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	104.1 dB
Edwards:	46.3 LAeq	96.4 dB
Fred:	41.9 LAeq	92.6 dB
Hollinger Office:	53.8 LAeq	112.6 dB
Noah:	60.1 LAeq	102.6 dB
Sandy:	45.3 LAeq	107.0 dB
Water Tower:	44.7 LAeq	113.7 dB
Wilson:	67.0 LAeq	117.8 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:	15.1	18.0	4.1	6.9
Edwards:	8.7	28.2	16.3	51.9
Hollinger Office:	7.1	21.4	17.2	73.3
Sandy:	3.9	4.4	5.8	7.4

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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:	4.8	8.6
Edwards:	6.3	15.5
Hollinger Office:	6.4	8.3
Sandy:	3.1	3.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.1	1.1	3.1
Hollinger West:	0.3	0.5	0.2
Imerys:	0.4	0.4	0.7
Noah:	0.5	0.5	0.5
Moneta Pumping Station:	0.6	0.7	0.6
Sandy:	6.8	4.3	8.6
Water Tower:	0.5	0.9	0.7
Wilson:	1.5	1.2	2.0