

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_063  
**Date:** 22-Mar-20  
**Blast Time:** 11:30  
**Blast Sign Activation:** 7:40  
**Website Notification Time:** 7:40

## Blast Conditions

Ceiling Height: 32808 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 9 km/hr  
Wind Direction: S  
Temperature: -3.9 °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:	50.1 LAeq	100.8 dB
Edwards:	49.3 LAeq	107.1 dB
Fred:	40.2 LAeq	98.6 dB
Hollinger Office:	48.1 LAeq	118.1 dB
Noah:	53.3 LAeq	103.7 dB
Sandy:	40.0 LAeq	107.8 dB
Water Tower:	47.2 LAeq	113.0 dB
Wilson:	47.9 LAeq	103.8 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:	5.0	5.5	4.4	5.8
Edwards:	1.5	1.8	7.1	8.2
Hollinger Office:	6.2	8.7	8.3	13.1
Sandy:	3.5	3.9	5.8	6.4

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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:	0.5	1.8
Edwards:	0.6	1.8
Hollinger Office:	7.1	15.2
Sandy:	1.9	3.3

## 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	0.0
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	2.7	1.7	2.4
Imerys:	0.4	0.3	0.3
Noah:	0.5	0.3	0.6
Moneta Pumping Station:	0.4	0.4	0.6
Sandy:	2.4	1.2	2.9
Water Tower:	0.7	0.7	0.5
Wilson:	3.2	2.3	3.0