

# Hollinger Public Blast Report

**Blast Pattern:** 3334\_102, 3310\_005 1-94PS  
**Date:** 1-Apr-20  
**Blast Time:** 11:49  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 7545 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 15 km/hr  
Wind Direction: N  
Temperature: 4.7 °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:	53.1 LAeq	110.1 dB
Edwards:	45.8 LAeq	104.6 dB
Fred:	41.3 LAeq	97.8 dB
Hollinger Office:	54.0 LAeq	114.9 dB
Noah:	59.5 LAeq	103.0 dB
Sandy:	43.1 LAeq	111.5 dB
Water Tower:	49.4 LAeq	112.1 dB
Wilson:	57.1 LAeq	105.4 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.1	9.6	8.2	10.2
Edwards:	5.1	7.8	19.9	27.6
Hollinger Office:	9.8	14.2	37.0	46.1
Sandy:	14.8	22.9	22.5	35.0

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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:	0.8	3.2
Edwards:	2.2	3.6
Hollinger Office:	4.5	8.9
Sandy:	11.5	35.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.3	0.3
Edwards:	0.1	0.0	0.1
Hollinger Office:	3.7	2.0	3.3
Hollinger West:	3.9	1.5	4.1
Imerys:	1.1	0.4	2.1
Noah:	2.1	0.7	1.6
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.5	0.3	0.5
Water Tower:	1.0	0.7	0.5
Wilson:	1.7	1.2	2.4