

# Hollinger Public Blast Report

**Blast Pattern:** 3316\_063  
**Date:** 18-May-21  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 328 ft  
Boundary Layer Height: n/a m  
Cloud Cover: Foggy  
Wind Speed: 7  
Wind Direction: S  
Temperature: 13.7 °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:	55.2 LAeq	105.2 dB
Edwards:	46.8 LAeq	99.7 dB
Fred:	45.7 LAeq	93.6 dB
Hollinger Office:	58.4 LAeq	106.8 dB
Noah:	60.2 LAeq	100.1 dB
Sandy:	47.1 LAeq	105.9 dB
Water Tower:	54.5 LAeq	114.1 dB
Wilson:	50.6 LAeq	103.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.7	10.5	17.5	21.5
Edwards:	8.2	9.7	14.6	16.9
Hollinger Office:	11.0	11.6	20.2	23.8
Sandy:	7.3	8.7	13.1	14.6

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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:	3.7	10.0
Edwards:	0.8	2.0
Hollinger Office:	4.8	12.4
Sandy:	1.2	1.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.6
Edwards:	0.2	0.1	0.1
Hollinger Office:	0.8	0.3	0.8
Hollinger West:	1.1	0.2	0.9
Imerys:	0.3	0.0	0.0
Noah:	1.0	0.5	0.7
Moneta Pumping Station:	1.1	0.7	1.3
Sandy:	0.9	0.6	1.1
Water Tower:	0.8	0.5	0.9
Wilson:	1.3	0.9	1.3