

# Hollinger Public Blast Report

**Blast Pattern:** 3280\_060  
**Date:** 3-May-23  
**Blast Time:** 11:43  
**Blast Sign Activation:** 7:20  
**Website Notification Time:** 7:15

## Blast Conditions

Ceiling Height:	1,312	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	19	km/h
Wind Direction:	N	
Temperature:	4.9	°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:	58.0 LAeq	105.5 dB
Edwards:	53.2 LAeq	100.8 dB
Fred:	50.1 LAeq	102.0 dB
Hollinger Office:	57.4 LAeq	108.9 dB
Noah:	62.6 LAeq	103.9 dB
Sandy:	41.7 Laeq	102.2 dB
Water Tower:	50.2 LAeq	112.6 dB
Wilson:	49.8 LAeq	108.2 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:	5.6	5.9	4.9	5.8
Edwards:	4.4	5.3	11.0	16.7
Hollinger Office:	11.8	17.8	20.7	32.2
Sandy:	3.9	4.8	4.8	6.9

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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:	0.1	0.3
Edwards:	1.3	1.6
Hollinger Office:	0.5	2.1
Sandy:	3.6	4.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.1	0.4	1.2
Hollinger West:	0.6	0.2	0.6
Imerys:	0.7	0.5	1.4
Noah:	1.2	0.5	0.9
Moneta Pumping Station	0.6	0.3	0.6
Sandy:	0.6	0.4	0.7
Water Tower:	0.6	0.3	0.8
Wilson:	1.2	0.6	1.2



