

# Hollinger Public Blast Report

**Blast Pattern:** 3268-053/3256-211b/212ps  
**Date:** 30-Jun-23  
**Blast Time:** 11:43  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height:	2,952	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	100%	Overcast
Wind Speed:	15	km/h
Wind Direction:	SE	
Temperature:	20.9	°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:	54.2 LAeq	107.3 dB
Edwards:	45.1 LAeq	100.7 dB
Fred:	47.6 LAeq	97.4 dB
Hollinger Office:	54.6 LAeq	97.7 dB
Noah:	61.6 LAeq	110.4 dB
Sandy:	46.9 Laeq	104.2 dB
Water Tower:	50.0 LAeq	112.3 dB
Wilson:	49.0 LAeq	97.0 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:	105.7	138.9	3.5	4.8
Edwards:	38.3	46.2	190.2	229.2
Hollinger Office:	56.5	65.6	204.3	234.9
Sandy:	43.9	53.2	153.8	193.6

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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:	0.0	0.0
Edwards:	1.0	1.6
Hollinger Office:	2.9	4.2
Sandy:	1.5	1.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.6	1.6	2.5
Edwards:	0.8	0.5	0.6
Hollinger Office:	1.5	0.5	1.0
Hollinger West:	0.3	0.3	0.2
Imerys:	0.7	0.6	0.8
Noah:	1.2	0.5	1.2
Moneta Pumping Station	0.8	0.4	1.0
Sandy:	0.6	0.5	0.5
Water Tower:	0.8	0.6	0.6
Wilson:	1.8	0.7	1.3



