

# Hollinger Public Blast Report

**Blast Pattern:** 3256\_052  
**Date:** 30-Sep-23  
**Blast Time:** 15:34  
**Blast Sign Activation:** 7:20  
**Website Notification Time:** 7:24

## Blast Conditions

Ceiling Height:	2,297	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	100%	Overcast
Wind Speed:	7	km/h
Wind Direction:	W	
Temperature:	17.0	°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:	57.0 LAeq	99.6 dB
Edwards:	49.1 LAeq	94.0 dB
Fred:	43.6 LAeq	89.7 dB
Hollinger Office:	55.6 LAeq	116.2 dB
Noah:	61.6 LAeq	104.6 dB
Sandy:	43.4 LAeq	109.5 dB
Water Tower:	45.7 LAeq	111.7 dB
Wilson:	46.5 LAeq	101.2 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:	15.0	15.6	12.9	13.5
Edwards:	11.1	11.6	25.2	26.3
Hollinger Office:	15.2	17.8	33.9	39.9
Sandy:	8.0	8.7	21.4	22.4

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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:	0.9	1.9
Edwards:	2.9	4.7
Hollinger Office:	5.5	9.3
Sandy:	0.6	0.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.2	0.7	1.2
Edwards:	0.4	0.2	0.5
Hollinger Office:	0.8	0.3	0.4
Hollinger West:	0.2	0.1	0.2
Imerys:	1.0	0.3	0.8
Noah:	0.8	0.5	0.8
Moneta Pumping Station	0.3	0.2	0.3
Sandy:	0.0	0.2	0.4
Water Tower:	0.3	0.1	0.3
Wilson:	1.3	0.5	0.9



