

# Hollinger Public Blast Report

**Blast Pattern:** 3268-079  
**Date:** 10-Sep-23  
**Blast Time:** 15:31  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height:	9,842	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	4	km/h
Wind Direction:	E	
Temperature:	19.5	°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:	54.0 LAeq	106.4 dB
Edwards:	43.6 LAeq	95.1 dB
Fred:	40.8 LAeq	86.7 dB
Hollinger Office:	54.1 LAeq	109.8 dB
Noah:	60.5 LAeq	103.5 dB
Sandy:	45.4 LAeq	102.3 dB
Water Tower:	47.7 LAeq	109.9 dB
Wilson:	47.6 LAeq	95.8 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:	13.4	16.3	13.1	15.4
Edwards:	13.8	15.1	19.5	21.9
Hollinger Office:	24.8	32.5	62.5	71.6
Sandy:	15.0	17.5	22.1	26.3

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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:	3.8	6.2
Hollinger Office:	12.3	17.8
Sandy:	9.7	16.8

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

**Vibration Alert: No exceedances recorded**

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



