

# Hollinger Public Blast Report

**Blast Pattern:** 3298-061  
**Date:** 25-Sep-22  
**Blast Time:** 15:35:00 PM  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height:	5,905	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	7	km/hr
Wind Direction:	S	
Temperature:	15.6	°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:	L <sub>Aeq</sub>	dB
Edwards:	43.6 L <sub>Aeq</sub>	93.7 dB
Fred:	42.3 L <sub>Aeq</sub>	87.2 dB
Hollinger Office:	53.4 L <sub>Aeq</sub>	107.4 dB
Noah:	59.8 L <sub>Aeq</sub>	99.8 dB
Sandy:	44.6 L <sub>Aeq</sub>	103.9 dB
Water Tower:	46.9 L <sub>Aeq</sub>	112.0 dB
Wilson:	47.7 L <sub>Aeq</sub>	101.1 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:	9.1	11.8	6.2	11.3
Edwards:	10.0	11.4	6.5	11.4
Hollinger Office:	3.9	22.4	20.2	111.3
Sandy:	6.8	9.2	4.9	6.2

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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:	0.7	2.0
Edwards:	0.5	2.4
Hollinger Office:	2.1	3.5
Sandy:	0.1	0.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	0.5
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.9	0.9	0.6
Hollinger West:	0.4	0.1	0.3
Imerys:	1.2	0.5	1.5
Noah:	0.9	0.5	1.8
Moneta Pumping Station:	0.6	0.3	0.5
Sandy:	12.9	0.2	4.6
Water Tower:	0.4	0.3	0.6
Wilson:	0.9	1.0	1.0



