

# Hollinger Public Blast Report

**Blast Pattern:** 3238\_054  
**Date:** 9-Jun-24  
**Blast Time:** 11:45  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1,500 ft  
Boundary Layer Height: N/A m  
Cloud Cover: 100% Overcast  
Wind Speed: 17 km/h  
Wind Direction: NW  
Temperature: 13.6 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L <sub>Aeq</sub>		L <sub>peak</sub> dB	
Comfort Inn:	55.7	L <sub>Aeq</sub>	110.1	dB
Edwards:	50.0	L <sub>Aeq</sub>	98.0	dB
Fred:	47.3	L <sub>Aeq</sub>	105.2	dB
Hollinger Office:	54.7	L <sub>Aeq</sub>	111.8	dB
Noah:	59.6	L <sub>Aeq</sub>	106.6	dB
Sandy:	46.8	L <sub>Aeq</sub>	102.4	dB
Water Tower:	49.6	L <sub>Aeq</sub>	112.9	dB
Wilson:	47.0	L <sub>Aeq</sub>	108.8	dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.0	1.5	2.5	4.5
Edwards:	5.2	5.7	3.9	5.2
Hollinger Office:	3.8	5.1	12.6	14.5
Sandy:	2.2	2.4	2.5	4.3

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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	0.1
Edwards:	0.5	0.7
Hollinger Office:	0.7	1.1
Sandy:	1.5	2.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.5
Edwards:	0.1	0.1	0.2
Hollinger Office:	1.2	0.5	1.3
Hollinger West:	0.3	0.1	0.3
Imerys:	0.7	0.5	0.8
Noah:	0.7	0.5	0.8
Moneta Pumping Station	0.5	0.2	0.6
Sandy:	0.0	0.3	0.5
Water Tower:	0.7	0.3	0.8
Wilson:	1.1	0.6	0.7



