

# Hollinger Public Blast Report

**Blast Pattern:** 3304\_085  
**Date:** 11-Sep-22  
**Blast Time:** 15:36:00 PM  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:23

## Blast Conditions

Ceiling Height: 984 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 11 km/hr  
Wind Direction: N  
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:	55.9 LAeq	107.7 dB
Edwards:	48.5 LAeq	93.8 dB
Fred:	44.4 LAeq	91.5 dB
Hollinger Office:	56.2 LAeq	111.3 dB
Noah:	60.7 LAeq	102.5 dB
Sandy:	43.9 LAeq	104.0 dB
Water Tower:	49.1 LAeq	106.5 dB
Wilson:	46.6 LAeq	100.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.7	9.9	3.5	3.9
Edwards:	4.9	5.5	17.9	20.1
Hollinger Office:	9.1	9.7	12.1	14.2
Sandy:	3.0	8.1	11.4	25.3

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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:	0.1	0.3
Hollinger Office:	1.1	1.9
Sandy:	2.8	7.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.5	1.3
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.7	0.4	0.9
Hollinger West:	0.2	0.1	0.2
Imerys:	0.6	0.3	0.6
Noah:	1.0	0.5	1.3
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	7.3	0.2	1.5
Water Tower:	0.2	0.2	0.3
Wilson:	0.9	0.6	0.9



