

# Hollinger Public Blast Report

**Blast Pattern:** 292\_004  
**Date:** 7-May-21  
**Blast Time:** 11:51  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1312 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 8  
Wind Direction: NW  
Temperature: 6.1 °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:	56.0 LAeq	97.1 dB
Edwards:	44.5 LAeq	93.8 dB
Fred:	44.1 LAeq	89.8 dB
Hollinger Office:	57.6 LAeq	103.5 dB
Noah:	61.9 LAeq	102.8 dB
Sandy:	43.9 LAeq	113.2 dB
Water Tower:	68.4 LAeq	122.6 dB
Wilson:	46.1 LAeq	111.0 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:	7.5	9.0	5.2	6.7
Edwards:	5.0	6.2	4.7	7.3
Hollinger Office:	8.9	11.1	9.2	17.5
Sandy:	5.7	7.8	5.5	10.2

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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:	0.5	1.0
Edwards:	0.9	1.4
Hollinger Office:	1.9	2.9
Sandy:	5.0	31.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.7	0.2	0.6
Hollinger West:	5.9	1.9	3.6
Imerys:	0.8	1.3	1.5
Noah:	1.7	1.2	0.8
Moneta Pumping Station:	2.8	1.1	1.5
Sandy:	2.4	1.6	3.1
Water Tower:	2.2	2.2	3.1
Wilson:	4.0	4.0	6.2