

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_051  
**Date:** 26-Jul-20  
**Blast Time:** 15:35  
**Blast Sign Activation:** 8:07  
**Website Notification Time:** 7:54

## Blast Conditions

Ceiling Height: 7300 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 13 km/hr  
Wind Direction: NW  
Temperature: 29.1 °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:	57.5 LAeq	101.4 dB
Edwards:	55.1 LAeq	95.9 dB
Fred:	45.4 LAeq	93.4 dB
Hollinger Office:	57.0 LAeq	107.3 dB
Noah:	60.0 LAeq	100.4 dB
Sandy:	57.3 LAeq	103.7 dB
Water Tower:	48.2 LAeq	109.7 dB
Wilson:	50.5 LAeq	99.1 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:	27.2	28.8	19.3	21.3
Edwards:	8.9	15.8	28.9	40.7
Hollinger Office:	6.3	6.6	19.6	21.4
Sandy:	12.6	13.2	13.6	13.9

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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:	0.3	0.6
Edwards:	3.3	18.3
Hollinger Office:	0.3	0.6
Sandy:	0.0	0.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.5	1.2
Hollinger West:	0.3	0.2	0.2
Imerys:	1.0	0.8	2.0
Noah:	1.5	1.1	1.4
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.4	0.2	0.4
Water Tower:	0.8	0.4	0.6
Wilson:	1.6	0.8	1.9