

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_108  
**Date:** 27-Jul-20  
**Blast Time:** 11:34  
**Blast Sign Activation:** 9:05  
**Website Notification Time:** 7:46

## Blast Conditions

Ceiling Height: 14108 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 11 km/hr  
Wind Direction: W  
Temperature: 26.8 °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:	58.1 LAeq	103.8 dB
Edwards:	52.2 LAeq	95.7 dB
Fred:	46.9 LAeq	102.9 dB
Hollinger Office:	59.3 LAeq	104.0 dB
Noah:	62.4 LAeq	102.3 dB
Sandy:	55.9 LAeq	101.7 dB
Water Tower:	51.3 LAeq	103.7 dB
Wilson:	49.3 LAeq	99.4 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:	27.8	30.2	28.7	30.0
Edwards:	15.2	17.1	45.3	51.0
Hollinger Office:	20.8	22.2	45.6	57.1
Sandy:	13.2	15.2	23.5	27.0

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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:	0.8	1.7
Edwards:	2.5	5.3
Hollinger Office:	1.0	1.6
Sandy:	0.0	0.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.7	0.5	0.9
Hollinger West:	0.6	0.2	0.2
Imerys:	0.9	1.0	0.8
Noah:	0.5	0.6	0.5
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.6	0.2	0.4
Water Tower:	2.1	1.1	2.3
Wilson:	0.4	0.4	0.4