

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_052  
**Date:** 29-Jun-20  
**Blast Time:** 11:34  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:39

## Blast Conditions

Ceiling Height: 32808 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 0 km/hr  
Wind Direction: N  
Temperature: 27.4 °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:	55.6 LAeq	110.9 dB
Edwards:	47.1 LAeq	101.2 dB
Fred:	47.2 LAeq	102.6 dB
Hollinger Office:	57.7 LAeq	115.2 dB
Noah:	60.7 LAeq	104.4 dB
Sandy:	45.9 LAeq	112.1 dB
Water Tower:	50.4 LAeq	116.0 dB
Wilson:	49.6 LAeq	106.7 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:	15.5	16.8	19.9	38.6
Edwards:	1.2	2.8	12.1	13.8
Hollinger Office:	18.2	19.6	17.7	22.2
Sandy:	8.3	9.9	12.1	14.9

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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:	0.1	0.4
Edwards:	0.0	0.0
Hollinger Office:	1.1	2.8
Sandy:	3.5	8.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.1	0.3
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.6	0.4	0.6
Hollinger West:	0.4	1.9	0.2
Imerys:	0.9	2.1	0.8
Noah:	1.0	1.1	1.1
Moneta Pumping Station:	0.3	0.5	0.5
Sandy:	0.5	0.3	0.2
Water Tower:	0.6	2.3	0.4
Wilson:	0.8	1.5	0.6