

# Hollinger Public Blast Report

**Blast Pattern:** 3304\_002, 3292\_202PS  
**Date:** 5-Nov-20  
**Blast Time:** 11:42  
**Blast Sign Activation:** 7:49  
**Website Notification Time:** 7:38

## Blast Conditions

Ceiling Height: 19021 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Overcast  
Wind Speed: 13 km/hr  
Wind Direction: W  
Temperature: 9.9 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extencicare

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	57.3 LAeq	105.3 dB
Edwards:	55.4 LAeq	98.7 dB
Fred:	44.9 LAeq	98.3 dB
Hollinger Office:	57.8 LAeq	108.9 dB
Noah:	64.4 LAeq	101.3 dB
Sandy:	48.5 LAeq	106.5 dB
Water Tower:	49.9 LAeq	111.5 dB
Wilson:	52.0 LAeq	105.6 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:	11.7	12.1	16.9	17.3
Edwards:	13.8	19.3	26.7	38.9
Hollinger Office:	41.5	79.8	68.5	120.5
Sandy:	9.9	10.1	20.0	20.9

# Hollinger Public Blast Report

## 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:	4.5	11.3
Edwards:	3.4	7.0
Hollinger Office:	8.3	13.2
Sandy:	2.7	3.9

## 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	0.0	0.1
Hollinger Office:	0.5	0.2	0.3
Hollinger West:	2.4	0.8	1.5
Imerys:	0.6	0.6	0.6
Noah:	0.5	0.6	1.0
Moneta Pumping Station:	0.6	1.5	0.7
Sandy:	2.7	1.8	2.3
Water Tower:	1.2	0.5	1.2
Wilson:	2.4	2.5	2.8