

# Hollinger Public Blast Report

**Blast Pattern:** 3304\_015  
**Date:** 17-Dec-20  
**Blast Time:** 11:33  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 32808 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 7  
Wind Direction: S  
Temperature: -13.5 °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:	53.6 LAeq	100.5 dB
Edwards:	52.3 LAeq	95.7 dB
Fred:	41.2 LAeq	97.7 dB
Hollinger Office:	53.5 LAeq	103.4 dB
Noah:	58.5 LAeq	101.7 dB
Sandy:	44.8 LAeq	109.0 dB
Water Tower:	46.5 LAeq	113.1 dB
Wilson:	50.4 LAeq	105.7 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:	16.2	17.9	5.2	6.2
Edwards:	11.4	17.4	44.5	67.1
Hollinger Office:	35.7	48.2	43.5	57.5
Sandy:	2.4	3.7	7.1	9.1

# 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:	11.0	13.2
Edwards:	48.7	64.0
Hollinger Office:	71.1	107.1
Sandy:	4.2	7.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	0.8	1.3	0.7
Imerys:	0.0	0.0	0.0
Noah:	1.3	1.1	1.2
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	1.2	0.9	1.0
Water Tower:	2.3	2.6	2.2
Wilson:	2.0	1.4	2.1