

# Hollinger Public Blast Report

**Blast Pattern:** 3316\_035, 3310\_213  
**Date:** 23-Aug-20  
**Blast Time:** 11:34  
**Blast Sign Activation:** 7:41  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 32808 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 15 km/hr  
Wind Direction: SE  
Temperature: 22.3 °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:	55.1 LAeq	107.0 dB
Edwards:	48.3 LAeq	104.5 dB
Fred:	44.0 LAeq	97.3 dB
Hollinger Office:	56.1 LAeq	109.3 dB
Noah:	62.3 LAeq	101.4 dB
Sandy:	46.7 LAeq	104.8 dB
Water Tower:	50.6 LAeq	106.4 dB
Wilson:	52.6 LAeq	104.3 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:	16.1	16.4	12.4	13.3
Edwards:	1.9	2.0	23.7	26.0
Hollinger Office:	10.0	10.9	22.1	32.8
Sandy:	6.3	8.0	15.1	25.0

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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:	0.1	0.2
Edwards:	0.9	1.2
Hollinger Office:	0.2	0.5
Sandy:	5.3	20.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.7	0.3	0.7
Hollinger West:	0.8	0.3	0.6
Imerys:	1.1	1.9	1.4
Noah:	0.8	0.7	1.1
Moneta Pumping Station:	0.3	0.6	0.5
Sandy:	0.7	0.3	0.4
Water Tower:	2.6	1.5	3.9
Wilson:	0.8	0.9	1.3