

# Hollinger Public Blast Report

**Blast Pattern:** 3310\_208A, 3328\_098  
**Date:** 21-May-20  
**Blast Time:** 11:44  
**Blast Sign Activation:** 7:28  
**Website Notification Time:** 7:10

## Blast Conditions

Ceiling Height: 32808 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 15 km/hr  
Wind Direction: SE  
Temperature: 22.2 °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:	53.9 LAeq	109.0 dB
Edwards:	54.7 LAeq	102.8 dB
Fred:	45.6 LAeq	103.6 dB
Hollinger Office:	55.3 LAeq	115.0 dB
Noah:	60.3 LAeq	109.0 dB
Sandy:	46.9 LAeq	111.7 dB
Water Tower:	51.1 LAeq	119.7 dB
Wilson:	49.8 LAeq	102.9 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:	13.4	13.9	6.3	7.4
Edwards:	11.8	19.0	17.6	27.8
Hollinger Office:	29.1	59.3	33.8	106.8
Sandy:	13.2	19.2	15.7	31.9

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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:	0.8	1.1
Edwards:	1.7	4.4
Hollinger Office:	2.0	4.5
Sandy:	1.2	1.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.7	0.8	1.0
Hollinger West:	2.2	2.2	3.0
Imerys:	2.4	2.1	2.3
Noah:	2.1	2.8	2.7
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.7	0.5	0.8
Water Tower:	7.6	5.0	6.2
Wilson:	2.4	1.3	1.6