

# Hollinger Public Blast Report

**Blast Pattern:** 3316\_009, 3316\_150  
**Date:** 21-Jun-20  
**Blast Time:** 11:34  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2952 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 15 km/hr  
Wind Direction: S  
Temperature: 24.8 °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:	55.8 LAeq	103.6 dB
Edwards:	51.7 LAeq	105.7 dB
Fred:	48.5 LAeq	111.4 dB
Hollinger Office:	56.4 LAeq	115.6 dB
Noah:	58.5 LAeq	108.0 dB
Sandy:	50.3 LAeq	108.8 dB
Water Tower:	53.8 LAeq	119.5 dB
Wilson:	49.9 LAeq	107.5 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:	25.5	28.1	58.2	61.7
Edwards:	15.5	16.3	40.8	44.0
Hollinger Office:	36.4	76.5	87.6	324.7
Sandy:	16.8	20.2	34.3	40.4

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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:	1.1	2.6
Edwards:	1.3	2.5
Hollinger Office:	13.3	61.6
Sandy:	1.7	2.0

## 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:	0.2	0.1	0.3
Hollinger West:	0.6	0.3	0.5
Imerys:	0.4	0.4	0.8
Noah:	0.7	0.8	0.6
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	4.2	1.4	1.9
Water Tower:	1.3	0.5	1.4
Wilson:	1.9	1.5	1.3