

# Hollinger Public Blast Report



**Blast Pattern:** 3346\_116  
**Date:** 17-Aug-18  
**Blast Time:** 11:45  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 13 km/hr  
Wind Direction: N  
Temperature: 18 °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:	57.0 LAeq	100.9 dB
Edwards:	51.7 LAeq	101.6 dB
Fred:	49.8 LAeq	103.0 dB
Hollinger Office:	58.3 LAeq	105.0 dB
Noah:	63.1 LAeq	106.2 dB
Sandy:	50.4 LAeq	109.5 dB
Water Tower:	51.6 LAeq	110.4 dB
Wilson:	52.0 LAeq	110.1 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:	32.7	43.7	36.9	76.4
Edwards:	20.3	21.1	50.2	55.9
Hollinger Office:	34.6	37.7	52.4	59.7
Sandy:	70.2	196.3	95.7	331.3

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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:	0.9	1.9
Edwards:	0.8	1.0
Hollinger Office:	3.1	6.6
Sandy:	3.5	6.3

## 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	0.1	0.1
Hollinger Office:	0.3	0.3	0.2
Hollinger West:	0.4	0.3	0.5
Imerys:	0.3	0.4	0.3
Noah:	0.4	0.3	0.4
Moneta Pumping Station:	0.7	0.4	0.8
Sandy:	2.6	1.7	3.2
Water Tower:	1.1	0.4	1.0
Wilson:	1.4	1.1	1.4