

# Hollinger Public Blast Report

**Blast Pattern:** 3216\_104  
**Date:** 26-Nov-21  
**Blast Time:** 11:32  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:25

## Blast Conditions

Ceiling Height: 2,952 ft  
 Boundary Layer Height: n/a m  
 Cloud Cover: 100% Overcast  
 Wind Speed: 17  
 Wind Direction: NW  
 Temperature: -14.4 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	55.1 LAeq	109.6 dB
Edwards:	49.3 LAeq	101.1 dB
Fred:	44.8 LAeq	108.0 dB
Hollinger Office:	56.8 LAeq	112.5 dB
Noah:	60.3 LAeq	110.2 dB
Sandy:	52.8 LAeq	107.0 dB
Water Tower:	50.3 LAeq	110.6 dB
Wilson:	47.9 LAeq	107.7 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.0	10.6	7.3	8.0
Edwards:	7.7	8.5	16.7	18.0
Hollinger Office:	42.2	47.7	16.4	18.3
Sandy:	31.3	43.2	12.2	14.9

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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:	1.2	1.7
Edwards:	12.4	13.5
Hollinger Office:	10.9	14.8
Sandy:	2.5	4.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.6
Edwards:	0.2	0.1	0.1
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	0.1	0.0	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.4	0.3
Moneta Pumping Station:	0.5	0.5	0.7
Sandy:	0.2	0.1	0.3
Water Tower:	0.2	0.1	0.3
Wilson:	0.3	0.3	0.3