

# Hollinger Public Blast Report



**Blast Pattern:** 3334\_116,3334\_115  
**Date:** 27-Nov-19  
**Blast Time:** 11:54  
**Blast Sign Activation:** 7:35  
**Website Notification Time:** 7:29

## Blast Conditions

Ceiling Height: 656 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 26 km/hr  
Wind Direction: NE  
Temperature: -6 °C

## Noise Levels ( $L_{Aeq}$ ) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

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

	<b><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	55.8 LAeq	117.4 dB
Edwards:	50.5 LAeq	115.5 dB
Fred:	44.5 LAeq	113.1 dB
Hollinger Office:	66.8 LAeq	117.4 dB
Noah:	61.0 LAeq	120.8 dB
Sandy:	46.2 LAeq	113.2 dB
Water Tower:	56.8 LAeq	117.4 dB
Wilson:	59.3 LAeq	121.7 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.2	2.9	2.5	3.4
Edwards:	2.6	3.2	6.9	9.1
Hollinger Office:	1.3	1.4	4.1	6.0
Sandy:	2.6	3.3	11.2	12.3

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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:	0.0	0.0
Edwards:	1.3	1.5
Hollinger Office:	2.0	4.3
Sandy:	6.2	16.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.4	0.7
Edwards:	0.4	0.3	0.4
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.5	0.2	0.4
Noah:	0.4	0.5	0.4
Moneta Pumping Station:	0.5	0.4	0.6
Sandy:	0.6	0.3	0.7
Water Tower:	0.2	0.1	0.3
Wilson:	0.6	0.3	0.6