

# Hollinger Public Blast Report

**Blast Pattern:** 3310\_049  
**Date:** 12-Nov-20  
**Blast Time:** 13:56  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 29855 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 9 km/hr  
Wind Direction: SSE  
Temperature: 8.7 °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:	59.7 LAeq	119.6 dB
Edwards:	54.5 LAeq	114.3 dB
Fred:	49.4 LAeq	117.4 dB
Hollinger Office:	59.3 LAeq	115.8 dB
Noah:	62.6 LAeq	112.7 dB
Sandy:	53.2 LAeq	113.9 dB
Water Tower:	56.4 LAeq	125.0 dB
Wilson:	53.6 LAeq	115.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.4	3.8	7.1	8.0
Edwards:	5.9	7.2	10.0	12.2
Hollinger Office:	39.5	56.1	43.7	68.7
Sandy:	4.2	5.6	13.3	22.1

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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	1.9
Edwards:	2.0	5.3
Hollinger Office:	3.9	6.6
Sandy:	1.0	1.1

## 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:	0.0	0.0	0.0
Hollinger Office:	2.0	0.3	0.9
Hollinger West:	0.6	0.3	0.6
Imerys:	1.1	1.4	1.2
Noah:	1.5	1.0	0.9
Moneta Pumping Station:	0.3	0.6	0.2
Sandy:	0.5	0.2	0.4
Water Tower:	4.1	1.2	1.8
Wilson:	0.5	0.5	0.7