

# Hollinger Public Blast Report

**Blast Pattern:** 3310\_034  
**Date:** 13-Oct-20  
**Blast Time:** 11:34  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height:	2297	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	7	km/hr
Wind Direction:	W	
Temperature:	3.1	°C

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

### Noise Alert:

#### Blast Siren Locations:

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

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	56.3 LAeq	106.6 dB
Edwards:	51.2 LAeq	99.9 dB
Fred:	44.8 LAeq	101.2 dB
Hollinger Office:	56.9 LAeq	102.1 dB
Noah:	62.3 LAeq	105.0 dB
Sandy:	48.1 LAeq	103.2 dB
Water Tower:	49.0 LAeq	111.0 dB
Wilson:	49.0 LAeq	103.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.6	5.6	3.5	4.2
Edwards:	3.9	10.2	6.0	11.8
Hollinger Office:	26.1	48.1	43.2	99.2
Sandy:	4.3	5.2	6.0	7.2

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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:	1.9	5.1
Edwards:	0.8	3.4
Hollinger Office:	5.9	9.3
Sandy:	0.8	0.9

## 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	0.0
Hollinger Office:	0.5	0.4	0.3
Hollinger West:	0.6	0.7	0.2
Imerys:	1.1	1.1	0.9
Noah:	0.8	0.9	0.6
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	0.7	0.6	0.4
Water Tower:	1.9	2.6	1.2
Wilson:	1.0	1.0	0.9