

# Hollinger Public Blast Report

**Blast Pattern:** 3310\_065  
**Date:** 15-Oct-21  
**Blast Time:** 11:36  
**Blast Sign Activation:** 7:23  
**Website Notification Time:** 7:17

## Blast Conditions

Ceiling Height:	29,855	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	7	
Wind Direction:	S	
Temperature:	13.9	°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:	55.8 LAeq	102.7 dB
Edwards:	46.5 LAeq	94.6 dB
Fred:	44.0 LAeq	94.9 dB
Hollinger Office:	56.6 LAeq	105.9 dB
Noah:	60.5 LAeq	103.2 dB
Sandy:	45.6 LAeq	100.9 dB
Water Tower:	51.2 LAeq	111.4 dB
Wilson:	50.7 LAeq	103.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.9	7.2	9.5	10.4
Edwards:	2.8	3.2	7.8	8.6
Hollinger Office:	5.5	6.9	13.2	17.6
Sandy:	4.3	5.7	10.2	16.9

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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:	1.1	2.0
Edwards:	0.9	1.8
Hollinger Office:	5.3	12.4
Sandy:	1.0	1.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.8	0.9	1.8
Hollinger West:	0.5	0.2	0.5
Imerys:	2.3	1.0	4.1
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.4	0.2	0.5
Sandy:	0.0	0.0	0.0
Water Tower:	1.1	0.5	0.8
Wilson:	1.3	0.9	2.4