

# Hollinger Public Blast Report

**Blast Pattern:** 3292\_018  
**Date:** 29-Jun-21  
**Blast Time:** 15:39  
**Blast Sign Activation:** 7:05  
**Website Notification Time:** 6:55

## Blast Conditions

Ceiling Height:	16,067	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	6	
Wind Direction:	SW	
Temperature:	24.4	°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:	56.5 LAeq	104.5 dB
Edwards:	47.3 LAeq	96.9 dB
Fred:	46.8 LAeq	93.2 dB
Hollinger Office:	55.7 LAeq	106.1 dB
Noah:	61.0 LAeq	102.3 dB
Sandy:	53.3 LAeq	106.3 dB
Water Tower:	57.7 LAeq	114.4 dB
Wilson:	51.2 LAeq	100.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	20.2	26.0	36.1	51.8
Edwards:	9.8	10.6	35.6	37.5
Hollinger Office:	11.1	11.6	44.4	47.0
Sandy:	17.5	20.9	33.4	41.0

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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:	0.8	1.9
Edwards:	1.1	2.7
Hollinger Office:	2.9	8.5
Sandy:	1.2	1.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.0	0.4	1.2
Hollinger West:	1.3	1.2	1.0
Imerys:	2.8	1.6	1.6
Noah:	1.1	0.9	1.0
Moneta Pumping Station:	0.9	0.5	0.9
Sandy:	2.0	1.1	1.7
Water Tower:	2.6	1.5	6.6
Wilson:	1.5	1.8	1.9