

# Hollinger Public Blast Report

**Blast Pattern:** 3286\_015  
**Date:** 8-Sep-21  
**Blast Time:** 15:35  
**Blast Sign Activation:** 8:30  
**Website Notification Time:** 8:19

## Blast Conditions

Ceiling Height:	2,653	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	6	
Wind Direction:	NW	
Temperature:	14.5	°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:	60.2 LAeq	114.4 dB
Edwards:	56.7 LAeq	110.8 dB
Fred:	50.7 LAeq	111.1 dB
Hollinger Office:	61.5 LAeq	107.9 dB
Noah:	65.0 LAeq	106.2 dB
Sandy:	50.3 LAeq	107.8 dB
Water Tower:	52.9 LAeq	116.7 dB
Wilson:	52.5 LAeq	111.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.2	7.5	7.1	8.3
Edwards:	4.5	4.9	4.3	5.9
Hollinger Office:	13.8	26.5	27.1	92.9
Sandy:	1.9	2.2	9.1	12.7

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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:	1.8	3.7
Edwards:	1.5	5.5
Hollinger Office:	11.7	37.6
Sandy:	1.9	4.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.6	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.7	0.4
Hollinger West:	1.2	0.9	1.3
Imerys:	1.2	1.3	1.0
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	2.2	0.6	1.2
Sandy:	2.2	2.9	2.5
Water Tower:	1.3	1.4	2.5
Wilson:	1.3	2.2	1.5