

# Hollinger Public Blast Report

**Blast Pattern:** 374\_013/014B 3256\_201P/S  
**Date:** 14-Mar-22  
**Blast Time:** 11:40  
**Blast Sign Activation:** 7:24  
**Website Notification Time:** 7:26

## Blast Conditions

Ceiling Height: 20,997 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 11  
Wind Direction: SW  
Temperature: -5.4 °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:	52.5 LAeq	111.8 dB
Edwards:	0.0 LAeq	0.0 dB
Fred:	42.7 LAeq	105.0 dB
Hollinger Office:	52.1 LAeq	105.6 dB
Noah:	58.2 LAeq	108.4 dB
Sandy:	44.2 LAeq	108.9 dB
Water Tower:	47.6 LAeq	119.8 dB
Wilson:	55.8 LAeq	111.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.6	7.1	5.2	6.0
Edwards:	3.6	4.1	11.4	12.9
Hollinger Office:	4.2	6.3	10.9	19.6
Sandy:	2.6	2.9	7.4	8.0

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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:	1.1	2.0
Edwards:	2.2	4.2
Hollinger Office:	7.2	8.5
Sandy:	2.9	4.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.4	0.4
Hollinger West:	1.0	1.7	1.0
Imerys:	0.8	0.6	0.3
Noah:	0.8	0.8	0.7
Moneta Pumping Station:	0.8	0.6	1.1
Sandy:	3.2	2.9	2.1
Water Tower:	0.8	1.0	0.7
Wilson:	2.5	1.9	2.7



