

# Hollinger Public Blast Report

**Blast Pattern:** 3304\_023, 3392\_207PS  
**Date:** 8-Jan-21  
**Blast Time:** 11:32  
**Blast Sign Activation:** 7:25  
**Website Notification Time:** 7:15

## Blast Conditions

Ceiling Height: 29855 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 6  
Wind Direction: SE  
Temperature: -10.7 °C

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

### Noise Alert:

### Blast Siren Locations:

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

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	53.0 LAeq	109.5 dB
Edwards:	48.9 LAeq	106.1 dB
Fred:	42.7 LAeq	101.4 dB
Hollinger Office:	57.2 LAeq	111.0 dB
Noah:	61.1 LAeq	110.9 dB
Sandy:	45.9 LAeq	111.8 dB
Water Tower:	46.2 LAeq	117.8 dB
Wilson:	48.0 LAeq	103.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	22.9	29.4	14.1	19.9
Edwards:	11.2	20.8	25.7	43.8
Hollinger Office:	9.0	12.8	30.0	43.0
Sandy:	3.0	4.3	8.2	10.0

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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:	41.2	65.9
Edwards:	58.6	151.1
Hollinger Office:	40.0	84.5
Sandy:	8.8	11.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.5	0.7
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.8	0.9	1.2
Hollinger West:	0.8	1.2	1.2
Imerys:	1.6	2.0	1.7
Noah:	1.9	1.5	2.3
Moneta Pumping Station:	0.5	0.4	0.5
Sandy:	1.4	1.0	1.0
Water Tower:	2.8	2.9	3.9
Wilson:	2.6	1.4	4.1