

# Hollinger Public Blast Report

**Blast Pattern:** 3316\_064  
**Date:** 24-May-21  
**Blast Time:** 11:33  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 29856 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 11  
Wind Direction: S  
Temperature: 15 °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:	52.5 LAeq	109.0 dB
Edwards:	48.0 LAeq	101.5 dB
Fred:	45.7 LAeq	102.7 dB
Hollinger Office:	54.6 LAeq	107.9 dB
Noah:	60.6 LAeq	102.2 dB
Sandy:	47.8 LAeq	104.9 dB
Water Tower:	49.8 LAeq	110.3 dB
Wilson:	49.3 LAeq	104.7 dB

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

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	8.7	11.8	18.4	22.4
Edwards:	4.6	6.2	8.5	12.3
Hollinger Office:	8.5	9.8	10.2	13.1
Sandy:	10.2	20.5	14.3	27.7

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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:	1.0	2.2
Edwards:	0.0	0.5
Hollinger Office:	4.1	10.4
Sandy:	0.6	0.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.8
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.9	0.3	0.8
Hollinger West:	0.6	0.2	0.7
Imerys:	0.1	0.0	0.0
Noah:	0.7	0.5	0.8
Moneta Pumping Station:	1.0	0.5	1.1
Sandy:	1.1	0.6	1.2
Water Tower:	0.9	0.4	0.8
Wilson:	1.6	1.3	1.1