

# Hollinger Public Blast Report

**Blast Pattern:** 3292\_002, 3310\_219 PS  
**Date:** 3-May-21  
**Blast Time:** 15:43  
**Blast Sign Activation:** 7:25  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 16076 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 17  
Wind Direction: E  
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:	56.5 LAeq	115.7 dB
Edwards:	48.6 LAeq	97.8 dB
Fred:	44.6 LAeq	98.8 dB
Hollinger Office:	59.4 LAeq	122.0 dB
Noah:	60.3 LAeq	112.8 dB
Sandy:	47.5 LAeq	107.4 dB
Water Tower:	53.2 LAeq	111.3 dB
Wilson:	53.5 LAeq	108.5 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:	7.3	8.5	11.0	12.7
Edwards:	13.4	18.4	16.2	25.4
Hollinger Office:	16.1	22.6	23.6	54.6
Sandy:	0.0	0.0	20.7	58.0

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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:	0.2	0.5
Edwards:	0.5	1.0
Hollinger Office:	2.2	3.7
Sandy:	6.3	18.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	3.0	1.8	2.2
Edwards:			
Hollinger Office:	0.6	0.8	1.3
Hollinger West:	5.8	2.5	4.2
Imerys:	1.0	1.2	1.0
Noah:	1.3	0.7	0.8
Moneta Pumping Station:	1.1	0.6	1.1
Sandy:	1.6	0.8	1.6
Water Tower:	1.7	1.3	2.7
Wilson:	2.9	4.1	4.5