

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_004  
**Date:** 10-Mar-20  
**Blast Time:** 11:40  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 6:49

## Blast Conditions

Ceiling Height: 984 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 13 km/hr  
Wind Direction: NW  
Temperature: -13.2 °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:	53.2 LAeq	111.4 dB
Edwards:	52.2 LAeq	102.4 dB
Fred:	40.7 LAeq	101.9 dB
Hollinger Office:	52.3 LAeq	111.5 dB
Noah:	58.2 LAeq	107.6 dB
Sandy:	40.1 LAeq	108.1 dB
Water Tower:	45.3 LAeq	118.2 dB
Wilson:	53.6 LAeq	105.7 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:	11.6	14.4	8.5	10.4
Edwards:	6.1	6.8	18.6	21.8
Hollinger Office:	9.3	11.5	17.2	20.0
Sandy:	14.1	19.6	15.8	26.0

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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:	1.2	2.2
Edwards:	1.7	2.8
Hollinger Office:	4.1	5.4
Sandy:	2.7	4.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.6	0.6
Hollinger West:	0.4	0.4	0.6
Imerys:	0.8	0.6	1.3
Noah:	1.2	0.7	1.5
Moneta Pumping Station:	0.7	0.3	0.5
Sandy:	1.1	1.0	1.0
Water Tower:	0.8	0.7	0.8
Wilson:	1.6	1.4	2.0