

# Hollinger Public Blast Report

**Blast Pattern:** 3328\_045  
**Date:** 19-Feb-20  
**Blast Time:** 11:35  
**Blast Sign Activation:** 7:32  
**Website Notification Time:** 7:28

## Blast Conditions

Ceiling Height: 2625 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 24 km/hr  
Wind Direction: NW  
Temperature: -17.9 °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:	60.8 LAeq	106.3 dB
Edwards:	45.8 LAeq	100.0 dB
Fred:	41.9 LAeq	109.0 dB
Hollinger Office:	52.3 LAeq	107.1 dB
Noah:	57.6 LAeq	107.0 dB
Sandy:	39.4 LAeq	104.5 dB
Water Tower:	45.9 LAeq	113.8 dB
Wilson:	45.0 LAeq	108.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.2	5.6	2.9	3.7
Edwards:	4.5	5.1	7.2	8.3
Hollinger Office:	8.0	15.5	6.1	9.5
Sandy:	7.0	8.9	7.6	11.3

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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:	1.5	1.8
Edwards:	2.2	2.8
Hollinger Office:	4.8	6.4
Sandy:	2.8	3.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.5	0.6
Hollinger West:	0.3	0.2	0.4
Imerys:	0.7	0.6	1.4
Noah:	1.3	0.9	1.6
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.5	0.3	0.4
Water Tower:	0.9	1.4	1.1
Wilson:	1.2	1.1	1.6