

# Hollinger Public Blast Report

**Blast Pattern:** 3280-018  
**Date:** 19-Jan-22  
**Blast Time:** 11:30  
**Blast Sign Activation:** 9:00  
**Website Notification Time:** 8:30

## Blast Conditions

Ceiling Height: 1,312 ft  
 Boundary Layer Height: n/a m  
 Cloud Cover: 100% Overcast Snow  
 Wind Speed: 24  
 Wind Direction: NW  
 Temperature: -16.2 °C

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

### Noise Alert:

#### Blast Siren Locations:

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

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	54.0 LAeq	115.2 dB
Edwards:	49.3 LAeq	107.2 dB
Fred:	46.7 LAeq	112.4 dB
Hollinger Office:	54.7 LAeq	114.0 dB
Noah:	57.5 LAeq	115.5 dB
Sandy:	44.8 LAeq	111.5 dB
Water Tower:	54.9 LAeq	124.8 dB
Wilson:	50.4 LAeq	115.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	21.3	38.3	8.8	12.2
Edwards:	14.2	26.9	15.5	20.3
Hollinger Office:	43.4	62.0	21.6	41.6
Sandy:	49.1	80.8	20.9	43.7

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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:	1.3	1.7
Edwards:	5.0	8.2
Hollinger Office:	28.4	29.9
Sandy:	3.5	16.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	1.9	1.8	1.5
Imerys:	1.0	0.8	0.8
Noah:	0.3	0.3	0.5
Moneta Pumping Station:	0.7	0.5	0.9
Sandy:	2.0	2.5	1.2
Water Tower:	2.3	2.1	2.1
Wilson:	2.3	2.0	3.1