

# Hollinger Public Blast Report

**Blast Pattern:** 3334\_138WS  
**Date:** 10-Jan-20  
**Blast Time:** 11:34  
**Blast Sign Activation:** 7:48  
**Website Notification Time:** 7:29

## Blast Conditions

Ceiling Height: 1640 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 6 km/hr  
Wind Direction: W  
Temperature: -0.4 °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:	50.8 LAeq	108.1 dB
Edwards:	50.1 LAeq	98.3 dB
Fred:	40.7 LAeq	88.2 dB
Hollinger Office:	53.7 LAeq	111.4 dB
Noah:	60.1 LAeq	102.0 dB
Sandy:	41.1 LAeq	103.6 dB
Water Tower:	45.7 LAeq	107.8 dB
Wilson:	56.7 LAeq	99.3 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:	19.8	22.1	14.4	16.0
Edwards:	16.9	23.9	28.1	50.3
Hollinger Office:	16.8	20.5	25.3	32.0
Sandy:	15.0	16.3	20.7	22.9

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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:	9.7	14.8
Edwards:	11.6	16.5
Hollinger Office:	19.5	29.7
Sandy:	10.4	13.9

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

**Vibration Alert: No exceedances recorded**

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