

# Hollinger Public Blast Report



**Blast Pattern:** 3340\_135  
**Date:** 17-Dec-19  
**Blast Time:** 11:42  
**Blast Sign Activation:** 8:30  
**Website Notification Time:** 8:14

## Blast Conditions

Ceiling Height: 32808 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 6 km/hr  
Wind Direction: SE  
Temperature: -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

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	49.3 LAeq	107.8 dB
Edwards:	49.4 LAeq	95.6 dB
Fred:	38.5 LAeq	88.3 dB
Hollinger Office:	50.8 LAeq	111.2 dB
Noah:	57.9 LAeq	98.6 dB
Sandy:	41.0 LAeq	95.4 dB
Water Tower:	45.6 LAeq	104.9 dB
Wilson:	60.8 LAeq	107.9 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:	8.5	9.9	6.6	7.7
Edwards:	4.9	5.5	13.9	15.0
Hollinger Office:	8.3	10.9	21.1	27.1
Sandy:	3.9	7.2	12.3	21.7

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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:	3.7	10.1
Edwards:	2.0	4.9
Hollinger Office:	17.5	34.0
Sandy:	5.1	6.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.8	0.6
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.9	0.5	2.0
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.3	0.4
Noah:	0.5	0.4	0.4
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.5	0.2	0.5