

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_021  
**Date:** 3-Mar-20  
**Blast Time:** 15:40  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height:	9842	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	11	km/hr
Wind Direction:	S	
Temperature:	1.2	°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:	52.3 LAeq	101.6 dB
Edwards:	47.2 LAeq	91.2 dB
Fred:	43.2 LAeq	88.3 dB
Hollinger Office:	53.7 LAeq	100.7 dB
Noah:	59.3 LAeq	101.7 dB
Sandy:	45.9 LAeq	103.0 dB
Water Tower:	50.9 LAeq	114.2 dB
Wilson:	50.4 LAeq	99.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.9	8.5	6.6	7.4
Edwards:	5.7	6.0	8.7	10.1
Hollinger Office:	10.2	14.4	11.9	21.2
Sandy:	5.3	7.9	7.5	10.5

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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:	2.1	6.1
Edwards:	1.6	3.1
Hollinger Office:	12.6	27.8
Sandy:	2.2	3.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.3	0.4	0.6
Hollinger West:	0.5	0.3	0.6
Imerys:	0.5	0.9	1.4
Noah:	1.4	0.8	2.1
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	0.7	0.4	0.8
Water Tower:	1.2	1.8	1.0
Wilson:	1.2	1.2	1.8