

# Hollinger Public Blast Report

**Blast Pattern:** 10\_094 and 3292\_214 P/S  
**Date:** 1-Mar-22  
**Blast Time:** 11:32  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 2,952 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Overcast  
Wind Speed: 7  
Wind Direction: S  
Temperature: -7.4 °C

## Noise Levels ( $L_{Aeq}$ ) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

### Blast Siren Locations:

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

	$L_{Aeq}$	$L_{peak}$ dB
Comfort Inn:	50.1 LAeq	105.7 dB
Edwards:	41.1 LAeq	101.3 dB
Fred:	38.6 LAeq	92.3 dB
Hollinger Office:	56.6 LAeq	114.4 dB
Noah:	59.6 LAeq	103.2 dB
Sandy:	38.5 LAeq	93.2 dB
Water Tower:	44.5 LAeq	100.7 dB
Wilson:	47.6 LAeq	94.0 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.1	14.9	9.3	12.1
Edwards:	7.3	9.6	23.3	29.6
Hollinger Office:	12.1	14.4	17.4	21.4
Sandy:	4.7	5.3	12.7	13.9

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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:	6.3	14.8
Edwards:	7.0	14.6
Hollinger Office:	9.5	10.9
Sandy:	4.1	7.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.5	0.9
Edwards:	0.1	0.2	0.3
Hollinger Office:	1.9	1.1	3.6
Hollinger West:	0.3	0.2	0.2
Imerys:	1.9	0.9	1.3
Noah:	2.2	0.8	1.8
Moneta Pumping Station:	0.3	0.2	0.2
Sandy:	0.4	0.2	0.5
Water Tower:	0.7	0.7	0.8
Wilson:	1.1	0.6	1.3



