

# Hollinger Public Blast Report

**Blast Pattern:** 3310-090  
**Date:** 14-Jan-22  
**Blast Time:** 11:31  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 29,855 ft  
 Boundary Layer Height: n/a m  
 Cloud Cover: 25% Scattered Clouds  
 Wind Speed: 7  
 Wind Direction: N  
 Temperature: -28.6 °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:	57.4 LAeq	103.2 dB
Edwards:	41.9 LAeq	93.1 dB
Fred:	52.1 LAeq	102.7 dB
Hollinger Office:	53.5 LAeq	111.3 dB
Noah:	59.7 LAeq	99.5 dB
Sandy:	41.3 LAeq	82.1 dB
Water Tower:	42.5 LAeq	90.4 dB
Wilson:	52.3 LAeq	99.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.5	11.1	5.9	6.8
Edwards:	8.6	10.9	18.0	24.6
Hollinger Office:	9.7	15.9	4.6	7.0
Sandy:	0.0	0.0	16.6	17.9

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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:	1.1	4.2
Edwards:	17.3	24.5
Hollinger Office:	0.0	0.0
Sandy:	10.3	14.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	2.4	2.0	3.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.8	0.7	0.5
Noah:	1.0	0.7	1.0
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.1	0.2
Water Tower:	0.2	0.4	0.2
Wilson:	0.3	0.2	0.3