

# Hollinger Public Blast Report

**Blast Pattern:** 3286\_014  
**Date:** 7-Sep-21  
**Blast Time:** 11:38  
**Blast Sign Activation:** 7:00  
**Website Notification Time:** 7:00

## Blast Conditions

Ceiling Height: 9,100 ft  
 Boundary Layer Height: n/a m  
 Cloud Cover: 25% Scattered Clouds  
 Wind Speed: 9  
 Wind Direction: SW  
 Temperature: 15 °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:	55.9 LAeq	99.5 dB
Edwards:	53.7 LAeq	101.3 dB
Fred:	46.2 LAeq	110.1 dB
Hollinger Office:	61.1 LAeq	104.2 dB
Noah:	61.0 LAeq	106.6 dB
Sandy:	49.4 LAeq	109.4 dB
Water Tower:	55.4 LAeq	114.3 dB
Wilson:	54.1 LAeq	104.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.5	7.9	3.9	4.4
Edwards:	5.1	5.9	4.9	5.6
Hollinger Office:	8.0	8.4	9.1	15.9
Sandy:	6.7	8.1	9.3	11.8

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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:	3.4	6.9
Edwards:	0.2	0.7
Hollinger Office:	6.4	15.4
Sandy:	2.2	3.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.4	0.1	0.3
Hollinger West:	2.8	1.3	3.6
Imerys:	0.9	0.9	0.7
Noah:	0.7	0.7	0.5
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	0.6	0.4	0.7
Water Tower:	3.2	1.3	2.4
Wilson:	1.8	2.4	1.5