

# Hollinger Public Blast Report

**Blast Pattern:** 3310\_077  
**Date:** 18-Nov-21  
**Blast Time:** 11:34  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:15

## Blast Conditions

Ceiling Height: 9,843 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 11  
Wind Direction: SW  
Temperature: 0.8 °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:	56.5 LAeq	110.7 dB
Edwards:	55.8 LAeq	106.1 dB
Fred:	49.7 LAeq	107.5 dB
Hollinger Office:	57.7 LAeq	110.1 dB
Noah:	63.4 LAeq	110.0 dB
Sandy:	48.3 LAeq	101.6 dB
Water Tower:	51.0 LAeq	111.2 dB
Wilson:	52.7 LAeq	107.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.7	5.0	5.3	5.6
Edwards:	5.6	6.7	6.1	7.7
Hollinger Office:	1.4	1.8	6.6	7.7
Sandy:	1.9	2.3	4.3	5.2

# Hollinger Public Blast Report

## 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:	0.2	2.0
Edwards:	16.6	25.2
Hollinger Office:	9.4	15.9
Sandy:	1.4	1.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.5	0.7
Edwards:	0.3	0.1	0.2
Hollinger Office:	1.3	0.5	2.1
Hollinger West:	0.2	0.1	0.2
Imerys:	0.7	0.5	0.9
Noah:	1.0	0.5	0.8
Moneta Pumping Station:	0.7	0.7	0.8
Sandy:	0.3	0.2	0.4
Water Tower:	0.4	0.2	0.4
Wilson:	0.8	0.6	0.2