

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_025  
**Date:** 11-Apr-20  
**Blast Time:** 11:35  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 32808 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 8 km/hr  
Wind Direction: W  
Temperature: 1.8 °C

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

### Noise Alert:

### Blast Siren Locations:

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

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	49.9 LAeq	101.3 dB
Edwards:	48.3 LAeq	96.1 dB
Fred:	39.6 LAeq	96.9 dB
Hollinger Office:	50.9 LAeq	103.9 dB
Noah:	59.1 LAeq	106.0 dB
Sandy:	41.0 LAeq	102.5 dB
Water Tower:	48.3 LAeq	110.4 dB
Wilson:	42.6 LAeq	103.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.6	8.7	7.3	8.8
Edwards:	5.4	5.8	10.3	13.5
Hollinger Office:	6.8	9.3	14.9	24.7
Sandy:	2.5	3.0	7.6	8.8

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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:	0.6	2.2
Edwards:	2.8	9.3
Hollinger Office:	1.4	3.5
Sandy:	1.4	2.7

## 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:	0.1	0.0	0.1
Hollinger West:	2.3	0.9	2.2
Imerys:	0.1	0.2	0.4
Noah:	0.3	0.5	0.4
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	1.4	0.8	1.1
Water Tower:	0.4	0.7	0.4
Wilson:	1.7	1.3	1.8