

# Hollinger Public Blast Report

**Blast Pattern:** 3316\_002  
**Date:** 7-May-20  
**Blast Time:** 11:37  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 3937 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 7 km/hr  
Wind Direction: E  
Temperature: 0 °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:	52.3 LAeq	100.9 dB
Edwards:	49.4 LAeq	94.7 dB
Fred:	40.1 LAeq	93.7 dB
Hollinger Office:	56.4 LAeq	103.2 dB
Noah:	59.9 LAeq	100.8 dB
Sandy:	39.9 LAeq	109.5 dB
Water Tower:	47.4 LAeq	110.9 dB
Wilson:	46.7 LAeq	108.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.1	7.8	6.3	7.2
Edwards:	5.9	8.5	15.5	30.7
Hollinger Office:	8.1	10.6	11.3	24.4
Sandy:	6.0	13.8	9.7	25.1

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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:	0.0	0.1
Edwards:	1.2	2.3
Hollinger Office:	1.3	2.2
Sandy:	2.5	3.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.1	0.0
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.5	0.4	0.5
Imerys:	0.6	0.5	0.6
Noah:	0.4	0.5	0.5
Moneta Pumping Station:	0.7	0.7	0.8
Sandy:	3.9	2.3	3.3
Water Tower:	1.4	0.9	1.2
Wilson:	0.9	1.1	1.4