

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_031, 3310\_004C  
**Date:** 6-Mar-20  
**Blast Time:** 11:49  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 32808 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 9 km/hr  
Wind Direction: N  
Temperature: -11.4 °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:	58.4 LAeq	98.4 dB
Edwards:	43.0 LAeq	89.4 dB
Fred:	38.5 LAeq	96.9 dB
Hollinger Office:	53.4 LAeq	103.5 dB
Noah:	59.6 LAeq	107.1 dB
Sandy:	38.1 LAeq	103.0 dB
Water Tower:	47.7 LAeq	113.7 dB
Wilson:	46.5 LAeq	109.8 dB

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

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	4.2	4.9	3.4	4.1
Edwards:	8.4	10.3	25.0	34.2
Hollinger Office:	27.3	53.8	41.7	89.7
Sandy:	10.4	31.2	11.4	32.1

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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:	0.3	0.5
Edwards:	1.6	2.2
Hollinger Office:	5.1	7.0
Sandy:	5.7	30.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.0
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	1.5	0.8	2.3
Imerys:	0.2	0.2	0.2
Noah:	0.4	0.3	0.4
Moneta Pumping Station:	0.5	0.4	0.5
Sandy:	4.7	2.3	4.2
Water Tower:	0.4	0.6	0.3
Wilson:	2.2	1.6	1.7