

# Hollinger Public Blast Report

**Blast Pattern:** 3334\_130  
**Date:** 13-May-20  
**Blast Time:** 15:42  
**Blast Sign Activation:** 7:35  
**Website Notification Time:** 7:19

## Blast Conditions

Ceiling Height: 32808 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 13 km/hr  
Wind Direction: W  
Temperature: 13.5 °C

## Noise Levels (L<sub>Aeq</sub>) – 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:	52.2 LAeq	110.8 dB
Edwards:	47.9 LAeq	105.6 dB
Fred:	42.6 LAeq	101.4 dB
Hollinger Office:	53.0 LAeq	107.9 dB
Noah:	59.2 LAeq	105.8 dB
Sandy:	42.6 LAeq	102.6 dB
Water Tower:	47.2 LAeq	113.1 dB
Wilson:	45.5 LAeq	105.0 dB

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

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	12.0	13.0	9.5	13.1
Edwards:	11.2	15.8	15.7	30.9
Hollinger Office:	20.2	22.4	20.3	26.5
Sandy:	9.2	13.8	12.4	24.2

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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	1.0
Edwards:	1.9	8.3
Hollinger Office:	0.9	1.2
Sandy:	0.4	1.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.7	1.4	1.3
Edwards:	0.2	0.1	0.1
Hollinger Office:	0.6	0.2	0.6
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.1	0.2
Noah:	0.5	0.8	0.5
Moneta Pumping Station:	0.1	0.2	0.1
Sandy:	0.1	0.0	0.1
Water Tower:	0.1	0.1	0.2
Wilson:	0.5	0.2	0.6