

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_041  
**Date:** 22-May-20  
**Blast Time:** 11:48  
**Blast Sign Activation:** 7:18  
**Website Notification Time:** 7:18

## Blast Conditions

Ceiling Height: 32808 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 7 km/hr  
Wind Direction: NE  
Temperature: 17.5 °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:	55.3 LAeq	99.4 dB
Edwards:	46.5 LAeq	97.1 dB
Fred:	49.3 LAeq	94.9 dB
Hollinger Office:	59.6 LAeq	106.5 dB
Noah:	60.3 LAeq	101.8 dB
Sandy:	45.1 LAeq	104.4 dB
Water Tower:	49.3 LAeq	114.2 dB
Wilson:	50.0 LAeq	100.9 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:	14.0	17.9	10.0	15.8
Edwards:	11.3	12.4	17.9	20.3
Hollinger Office:	20.2	22.1	23.5	31.6
Sandy:	16.5	56.6	21.7	48.2

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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:	0.1	0.2
Edwards:	0.8	1.0
Hollinger Office:	1.0	1.2
Sandy:	4.4	27.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	1.0	0.3	1.5
Hollinger West:	0.6	0.3	1.2
Imerys:	1.1	0.9	1.6
Noah:	1.0	0.6	1.2
Moneta Pumping Station:	0.5	0.3	0.6
Sandy:	0.8	0.5	0.8
Water Tower:	2.2	1.3	4.0
Wilson:	1.1	0.9	1.6