

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_053 & Boulder  
**Date:** 2-Feb-20  
**Blast Time:** 11:37  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 10000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 9 km/hr  
Wind Direction: S  
Temperature: 0.3 °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:	48.1 LAeq	101.6 dB
Edwards:	47.8 LAeq	94.7 dB
Fred:	40.6 LAeq	97.8 dB
Hollinger Office:	51.5 LAeq	105.0 dB
Noah:	58.8 LAeq	103.4 dB
Sandy:	45.7 LAeq	104.8 dB
Water Tower:	48.3 LAeq	112.4 dB
Wilson:	58.8 LAeq	102.3 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:	9.7	9.9	8.5	8.7
Edwards:	3.8	4.4	14.4	15.7
Hollinger Office:	9.8	10.5	13.6	15.4
Sandy:	2.9	3.6	11.3	11.9

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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	1.5
Edwards:	5.4	10.5
Hollinger Office:	3.8	6.9
Sandy:	1.9	2.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.3	0.2	0.4
Imerys:	0.1	0.3	0.2
Noah:	0.3	0.4	0.4
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	4.0	1.8	2.0
Water Tower:	0.7	0.5	0.5
Wilson:	0.6	0.5	0.7