

# Hollinger Public Blast Report

**Blast Pattern:** 3316\_0050, 3310\_006 PS  
**Date:** 28-Apr-20  
**Blast Time:** 15:32  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height:	Unlimited	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	8	km/hr
Wind Direction:	SW	
Temperature:	14.8	°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:	51.8 LAeq	108.4 dB
Edwards:	45.8 LAeq	99.9 dB
Fred:	49.8 LAeq	104.7 dB
Hollinger Office:	54.9 LAeq	115.9 dB
Noah:	59.7 LAeq	102.5 dB
Sandy:	44.7 LAeq	106.8 dB
Water Tower:	51.0 LAeq	110.3 dB
Wilson:	49.3 LAeq	102.0 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:	17.0	24.5	19.3	35.5
Edwards:	13.4	25.9	20.1	85.3
Hollinger Office:	2.7	4.0	29.7	65.8
Sandy:	8.5	10.4	12.4	16.9

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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:	0.8	1.5
Edwards:	0.6	1.1
Hollinger Office:	3.6	11.0
Sandy:	1.0	1.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.3	0.5
Hollinger West:	5.6	1.0	3.3
Imerys:	1.5	1.1	1.9
Noah:	2.1	2.6	2.4
Moneta Pumping Station:	0.7	0.4	0.8
Sandy:	4.7	1.7	3.4
Water Tower:	3.8	1.6	3.4
Wilson:	1.9	1.6	2.2