

# Hollinger Public Blast Report

**Blast Pattern:** 3316\_004  
**Date:** 3-May-20  
**Blast Time:** 11:45  
**Blast Sign Activation:** 8:07  
**Website Notification Time:** 7:50

## Blast Conditions

Ceiling Height:	656	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	20	km/hr
Wind Direction:	NW	
Temperature:	2.4	°C

## Noise Levels ( $L_{Aeq}$ ) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extencicare

	$L_{Aeq}$	$L_{peak}$ dB
Comfort Inn:	54.1 LAeq	112.0 dB
Edwards:	54.2 LAeq	107.9 dB
Fred:	44.0 LAeq	102.7 dB
Hollinger Office:	55.8 LAeq	115.7 dB
Noah:	60.0 LAeq	105.3 dB
Sandy:	41.8 LAeq	112.9 dB
Water Tower:	48.7 LAeq	121.5 dB
Wilson:	49.8 LAeq	108.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.7	6.9	7.6	7.9
Edwards:	3.4	3.6	4.4	4.8
Hollinger Office:	4.3	4.5	6.9	7.5
Sandy:	2.7	4.0	5.3	10.0

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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:	0.0	0.1
Edwards:	0.4	0.6
Hollinger Office:	1.2	1.4
Sandy:	9.2	29.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.2	0.5
Hollinger West:	1.0	0.4	0.9
Imerys:	0.9	0.8	1.0
Noah:	0.7	0.7	0.7
Moneta Pumping Station:			
Sandy:	3.3	2.2	3.3
Water Tower:	1.7	0.9	2.0
Wilson:	1.3	1.2	1.6