

Hollinger Public Blast Report

Blast Pattern: 3244-001
Date: 27-Sep-22
Blast Time: 11:35
Blast Sign Activation: 7:24
Website Notification Time: 7:18

Blast Conditions

Ceiling Height:	656	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Rain
Wind Speed:	20	km/hr
Wind Direction:	N	
Temperature:	6.7	°C

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

Noise Alert:

Blast Siren Locations:

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

	L_{Aeq}	L_{peak} dB
Comfort Inn:	59.5 LAeq	103.8 dB
Edwards:	52.6 LAeq	100.4 dB
Fred:	48.5 LAeq	109.8 dB
Hollinger Office:	58.3 LAeq	108.8 dB
Noah:	62.7 LAeq	111.0 dB
Sandy:	50.6 LAeq	112.7 dB
Water Tower:	52.5 LAeq	121.9 dB
Wilson:	51.1 LAeq	112.7 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.2	1.4	0.1	0.4
Edwards:	3.7	4.2	1.9	2.6
Hollinger Office:	1.7	7.5	3.4	11.6
Sandy:	2.0	4.9	2.3	4.5

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.1	0.3
Edwards:	0.0	0.0
Hollinger Office:	1.6	2.4
Sandy:	3.0	8.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.5	0.2	0.5
Hollinger West:	4.5	1.9	3.1
Imerys:	2.0	1.4	1.6
Noah:	1.0	1.4	1.4
Moneta Pumping Station:	1.1	0.8	1.2
Sandy:	1.6	2.1	3.2
Water Tower:	2.0	2.2	2.8
Wilson:	3.5	2.8	3.0

