

Hollinger Public Blast Report

Blast Pattern: 3286_063
Date: 7-Mar-23
Blast Time: 15:54
Blast Sign Activation: 7:30
Website Notification Time: 7:24

Blast Conditions

Ceiling Height:	21,981	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	28	km/h
Wind Direction:	NW	
Temperature:	-0.1	°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:	57.6 LAeq	115.2 dB
Edwards:	58.0 LAeq	115.3 dB
Fred:	56.5 LAeq	117.4 dB
Hollinger Office:	60.4 LAeq	118.2 dB
Noah:	61.5 LAeq	114.0 dB
Sandy:	53.5 LAeq	118.3 dB
Water Tower:	58.8 LAeq	123.0 dB
Wilson:	61.7 LAeq	124.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.5	11.5	5.8	7.4
Edwards:	23.3	27.5	18.3	26.8
Hollinger Office:	40.3	82.7	43.8	69.2
Sandy:	83.5	511.9	60.6	337.6

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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	0.2
Edwards:	1.6	2.4
Hollinger Office:	1.5	4.1
Sandy:	6.0	35.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.3	0.9	0.6
Edwards:	0.2	0.2	0.2
Hollinger Office:			
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.3	0.2
Noah:	0.4	0.5	0.6
Moneta Pumping Station	0.3	0.5	0.2
Sandy:	0.6	0.6	0.3
Water Tower:	0.1	0.2	0.2
Wilson:	0.6	0.5	0.6

