

Hollinger Public Blast Report

Blast Pattern: 3280_051
Date: 6-Mar-23
Blast Time: 15:57
Blast Sign Activation: 7:52
Website Notification Time: 7:43

Blast Conditions

Ceiling Height:	14,108	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	19	km/h
Wind Direction:	NE	
Temperature:	1.5	°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:	54.9 LAeq	106.6 dB
Edwards:	47.2 LAeq	100.7 dB
Fred:	42.4 LAeq	107.2 dB
Hollinger Office:	54.7 LAeq	110.4 dB
Noah:	59.9 LAeq	101.3 dB
Sandy:	40.6 LAeq	104.0 dB
Water Tower:	48.1 LAeq	110.9 dB
Wilson:	53.2 LAeq	105.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.9	8.2	4.1	4.8
Edwards:	17.0	19.2	11.9	20.8
Hollinger Office:	11.0	18.8	20.0	26.8
Sandy:	6.8	10.6	8.4	11.6

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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	0.3
Edwards:	2.9	3.6
Hollinger Office:	2.0	3.1
Sandy:	5.4	11.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.6
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.5	0.5	0.4
Hollinger West:	0.4	0.2	0.2
Imerys:	0.6	0.4	0.4
Noah:	0.8	0.7	0.6
Moneta Pumping Station	0.7	0.4	0.8
Sandy:	1.2	0.7	1.2
Water Tower:	0.3	0.3	0.4
Wilson:	1.4	1.6	1.0

