

Hollinger Public Blast Report

Blast Pattern: 3292_081
Date: 19-Feb-23
Blast Time: 11:39
Blast Sign Activation: 7:20
Website Notification Time: 7:25

Blast Conditions

Ceiling Height:	984	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	20	km/h
Wind Direction:	S	
Temperature:	-0.7	°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:	51.8 LAeq	105.8 dB
Edwards:	46.4 LAeq	107.2 dB
Fred:	44.3 LAeq	107.8 dB
Hollinger Office:	53.7 LAeq	117.8 dB
Noah:	57.0 LAeq	110.7 dB
Sandy:	44.5 LAeq	104.6 dB
Water Tower:	54.8 LAeq	115.5 dB
Wilson:	58.3 LAeq	105.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	22.9	26.3	16.4	18.7
Edwards:	14.3	16.0	29.6	31.3
Hollinger Office:	23.6	28.5	30.2	41.4
Sandy:	15.0	18.0	24.3	27.4

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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:	2.1	3.8
Edwards:	2.2	3.4
Hollinger Office:	5.9	10.8
Sandy:	1.8	2.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.8	0.8
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.9	0.4	0.5
Hollinger West:	0.2	0.1	0.1
Imerys:	0.4	0.3	0.6
Noah:	1.0	0.8	0.8
Moneta Pumping Station	0.2	0.1	0.2
Sandy:	0.2	0.1	0.3
Water Tower:	0.2	0.2	0.3
Wilson:	0.9	0.5	0.8

