

Hollinger Public Blast Report

Blast Pattern: 3292_083
Date: 26-Feb-23
Blast Time: 11:36
Blast Sign Activation: 7:41
Website Notification Time: 9:14

Blast Conditions

Ceiling Height:	19,638	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Snow
Wind Speed:	24	km/h
Wind Direction:	W	
Temperature:	-10.2	°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:	54.6 LAeq	110.8 dB
Edwards:	48.9 LAeq	107.5 dB
Fred:	44.2 LAeq	106.4 dB
Hollinger Office:	54.2 LAeq	113.4 dB
Noah:	58.3 LAeq	110.0 dB
Sandy:	43.1 LAeq	104.4 dB
Water Tower:	49.4 LAeq	118.3 dB
Wilson:	56.3 LAeq	110.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.5	11.4	8.2	15.0
Edwards:	14.3	38.0	23.2	64.2
Hollinger Office:	16.2	21.2	11.4	15.9
Sandy:	10.0	13.2	7.1	10.6

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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:	2.0	3.9
Edwards:	8.4	21.7
Hollinger Office:	1.4	2.0
Sandy:	1.1	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.0	0.7	0.9
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.5	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.1	0.2
Noah:	0.2	0.4	0.3
Moneta Pumping Station	0.2	0.1	0.2
Sandy:	0.3	0.2	0.4
Water Tower:	0.1	0.1	0.2
Wilson:	0.5	0.5	0.5

