

Hollinger Public Blast Report

Blast Pattern: 3322_024
Date: 28-Feb-20
Blast Time: 11:47
Blast Sign Activation: 9:35
Website Notification Time: 8:24

Blast Conditions

Ceiling Height:	1640	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Snow
Wind Speed:	28	km/hr
Wind Direction:	NW	
Temperature:	-17.1	°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:	51.7 LAeq	112.6 dB
Edwards:	52.1 LAeq	101.7 dB
Fred:	44.2 LAeq	111.0 dB
Hollinger Office:	54.2 LAeq	113.4 dB
Noah:	58.4 LAeq	115.3 dB
Sandy:	59.4 LAeq	109.8 dB
Water Tower:	51.0 LAeq	118.6 dB
Wilson:	47.5 LAeq	113.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.6	13.2	5.5	7.5
Edwards:	21.8	24.9	12.1	14.5
Hollinger Office:	19.7	25.0	15.8	26.5
Sandy:	25.5	32.0	11.5	14.5

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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:	2.1	3.9
Edwards:	3.7	6.5
Hollinger Office:	6.0	9.3
Sandy:	6.6	32.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.3	0.6
Hollinger West:	0.7	0.3	0.9
Imerys:	0.5	1.2	0.7
Noah:	1.5	0.8	1.8
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	0.8	0.5	0.7
Water Tower:	2.2	1.9	1.1
Wilson:	1.7	1.2	1.5