

Hollinger Public Blast Report

Blast Pattern: 3322_058
Date: 4-Mar-20
Blast Time: 15:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	2952	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Snow
Wind Speed:	9	km/hr
Wind Direction:	W	
Temperature:	2.5	°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:	51.9 LAeq	96.6 dB
Edwards:	54.0 LAeq	92.9 dB
Fred:	43.6 LAeq	93.1 dB
Hollinger Office:	53.5 LAeq	101.9 dB
Noah:	69.8 LAeq	102.2 dB
Sandy:	43.9 LAeq	103.5 dB
Water Tower:	48.9 LAeq	113.0 dB
Wilson:	49.2 LAeq	103.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.3	10.0	7.6	9.3
Edwards:	7.3	9.7	13.2	18.3
Hollinger Office:	12.0	16.0	13.2	23.6
Sandy:	3.4	3.7	6.0	6.4

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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	2.7
Edwards:	4.4	7.0
Hollinger Office:	5.9	7.7
Sandy:	2.9	3.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	2.3	1.9	3.1
Imerys:	0.3	0.3	0.5
Noah:	1.1	0.7	0.8
Moneta Pumping Station:	0.6	0.4	0.5
Sandy:	1.5	0.8	1.2
Water Tower:	0.8	0.8	0.5
Wilson:	4.5	2.6	4.8