

Hollinger Public Blast Report

Blast Pattern: 3328_044
Date: 1-Feb-20
Blast Time: 11:40
Blast Sign Activation: 7:25
Website Notification Time: 7:14

Blast Conditions

Ceiling Height: 984 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 13 km/hr
Wind Direction: S
Temperature: -1.1 °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:	51.5 LAeq	101.0 dB
Edwards:	45.0 LAeq	99.9 dB
Fred:	40.7 LAeq	99.9 dB
Hollinger Office:	54.6 LAeq	113.0 dB
Noah:	59.3 LAeq	105.6 dB
Sandy:	42.6 LAeq	101.0 dB
Water Tower:	53.7 LAeq	111.8 dB
Wilson:	54.6 LAeq	103.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.6	14.6	10.6	12.0
Edwards:	5.3	6.1	18.3	20.3
Hollinger Office:	7.2	8.6	20.4	32.5
Sandy:	5.0	5.7	14.3	16.0

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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:	2.5	6.9
Edwards:	2.1	4.0
Hollinger Office:	7.2	14.5
Sandy:	3.2	4.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.4	0.5	0.7
Hollinger West:	0.3	0.2	0.5
Imerys:	0.7	0.7	1.3
Noah:	1.1	0.7	1.2
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.6	0.3	0.4
Water Tower:	1.0	1.3	0.9
Wilson:	1.1	1.0	1.3