

Hollinger Public Blast Report

Blast Pattern: 3322_008
Date: 16-Mar-20
Blast Time: 15:45
Blast Sign Activation: 8:50
Website Notification Time: 7:40

Blast Conditions

Ceiling Height: 1968 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 30 km/hr
Wind Direction: S
Temperature: -2.6 °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:	52.5 LAeq	106.2 dB
Edwards:	54.8 LAeq	116.9 dB
Fred:	47.1 LAeq	112.6 dB
Hollinger Office:	59.5 LAeq	125.1 dB
Noah:	58.9 LAeq	113.7 dB
Sandy:	49.0 LAeq	108.9 dB
Water Tower:	59.2 LAeq	117.9 dB
Wilson:	56.6 LAeq	110.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.4	14.2	10.3	17.1
Edwards:	9.4	10.5	14.4	22.0
Hollinger Office:	23.9	33.4	24.1	36.9
Sandy:	4.8	6.1	10.7	14.1

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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:	1.1	3.4
Edwards:	0.7	1.5
Hollinger Office:	4.9	8.0
Sandy:	1.2	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.4	0.6
Hollinger West:	0.6	0.2	0.6
Imerys:	0.5	0.6	1.1
Noah:	1.0	0.5	1.3
Moneta Pumping Station:	0.5	0.2	0.5
Sandy:	1.1	0.6	1.0
Water Tower:	0.9	1.1	0.6
Wilson:	1.4	0.9	1.5