

Hollinger Public Blast Report

Blast Pattern: 3292_201PS
Date: 28-Oct-20
Blast Time: 15:47
Blast Sign Activation: 7:55
Website Notification Time: 7:27

Blast Conditions

Ceiling Height: 1640 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 13 km/hr
Wind Direction: SW
Temperature: 1.4 °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:	56.3 LAeq	109.0 dB
Edwards:	53.3 LAeq	103.8 dB
Fred:	44.1 LAeq	104.2 dB
Hollinger Office:	56.0 LAeq	107.9 dB
Noah:	61.5 LAeq	103.2 dB
Sandy:	48.1 LAeq	108.2 dB
Water Tower:	46.9 LAeq	116.7 dB
Wilson:	49.6 LAeq	116.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.4	10.2	7.6	8.4
Edwards:	9.5	15.5	8.4	15.6
Hollinger Office:	30.5	52.1	39.9	73.4
Sandy:	4.8	5.8	7.1	7.7

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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:	4.1	7.4
Edwards:	3.3	4.9
Hollinger Office:	11.2	15.3
Sandy:	2.0	2.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.0
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.4	0.4	0.8
Imerys:	0.2	0.1	0.3
Noah:	0.2	0.4	0.5
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	1.2	0.9	1.4
Water Tower:	0.2	0.2	0.3
Wilson:	1.1	0.7	1.4