

Hollinger Public Blast Report

Blast Pattern: 3322_105
Date: 30-Nov-20
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1640 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 17 km/hr
Wind Direction: N
Temperature: -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:	58.6 LAeq	106.3 dB
Edwards:	52.7 LAeq	117.6 dB
Fred:	53.3 LAeq	120.1 dB
Hollinger Office:	58.2 LAeq	114.7 dB
Noah:	60.8 LAeq	114.5 dB
Sandy:	51.3 LAeq	116.7 dB
Water Tower:	51.5 LAeq	121.1 dB
Wilson:	55.8 LAeq	123.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.5	8.7	2.2	3.1
Edwards:	2.0	2.2	34.8	35.6
Hollinger Office:	3.6	4.6	5.5	7.2
Sandy:	5.0	8.0	6.4	10.2

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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:	0.4	0.6
Edwards:	0.8	0.9
Hollinger Office:	7.2	10.9
Sandy:	4.8	6.3

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:	0.0	0.0	0.1
Hollinger Office:	1.8	1.7	3.4
Hollinger West:	0.2	0.1	0.2
Imerys:	2.6	1.0	1.7
Noah:	1.4	1.4	1.1
Moneta Pumping Station:	0.1	0.1	0.3
Sandy:	0.2	0.2	0.2
Water Tower:	0.9	0.5	0.9
Wilson:	0.8	0.4	0.7