

Hollinger Public Blast Report



Blast Pattern: 3328_050
Date: 29-Dec-19
Blast Time: 11:30
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1969 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15 km/hr
Wind Direction: E
Temperature: -5.4 °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:	61.7 LAeq	103.7 dB
Edwards:	52.4 LAeq	104.4 dB
Fred:	39.9 LAeq	94.6 dB
Hollinger Office:	53.6 LAeq	113.0 dB
Noah:	58.6 LAeq	109.3 dB
Sandy:	39.0 LAeq	104.6 dB
Water Tower:	48.3 LAeq	115.0 dB
Wilson:	49.8 LAeq	105.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.7	5.3	3.9	4.3
Edwards:	3.1	3.3	6.4	8.0
Hollinger Office:	4.9	5.2	3.2	3.9
Sandy:	3.9	4.7	5.5	7.8

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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:	0.3	0.6
Edwards:	1.0	1.4
Hollinger Office:	1.3	1.4
Sandy:	5.9	22.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	3.7	2.6	4.1
Imerys:	0.3	0.5	0.3
Noah:	0.4	0.4	0.5
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	1.1	0.5	1.0
Water Tower:	1.1	0.8	0.7
Wilson:	2.2	2.9	4.2