

Hollinger Public Blast Report



Blast Pattern: 3346_192, 3328_085B
Date: 23-Oct-19
Blast Time: 11:55
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2000 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 11 km/hr
Wind Direction: SW
Temperature: 7.4 °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:	56.8 LAeq	113.7 dB
Edwards:	50.9 LAeq	105.5 dB
Fred:	43.9 LAeq	109.0 dB
Hollinger Office:	58.2 LAeq	115.6 dB
Noah:	68.6 LAeq	114.5 dB
Sandy:	47.7 LAeq	107.3 dB
Water Tower:	56.2 LAeq	114.2 dB
Wilson:	51.2 LAeq	107.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	21.8	21.9		
Edwards:	4.1	4.3	4.0	4.7
Hollinger Office:	2.3	6.4	6.5	12.4
Sandy:	1.9	2.4	3.5	5.0

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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:	0.5	1.2
Edwards:	2.0	2.7
Hollinger Office:	3.2	4.1
Sandy:	2.6	3.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.7	0.9
Edwards:	0.8	0.7	0.6
Hollinger Office:	1.4	0.4	1.0
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.3	0.4
Noah:	0.8	0.4	0.4
Moneta Pumping Station:	0.4	0.2	0.2
Sandy:	0.4	0.2	0.4
Water Tower:	0.3	0.2	0.4
Wilson:	0.9	0.4	1.3