

Hollinger Public Blast Report



Blast Pattern: 3346_184
Date: 1-Aug-19
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 7 km/hr
Wind Direction: SW
Temperature: 23.5 °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:	58.2 LAeq	109.1 dB
Edwards:	53.2 LAeq	105.3 dB
Fred:	43.4 LAeq	99.5 dB
Hollinger Office:	57.8 LAeq	109.2 dB
Noah:	63.0 LAeq	98.8 dB
Sandy:	56.5 LAeq	95.3 dB
Water Tower:	49.4 LAeq	108.0 dB
Wilson:	51.1 LAeq	96.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.2	11.9	4.4	6.8
Edwards:	9.7	12.2	23.6	33.8
Hollinger Office:	23.0	35.0	27.1	45.7
Sandy:	7.0	9.8	16.7	28.3

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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:	0.1	0.5
Edwards:	1.9	3.0
Hollinger Office:	1.1	2.1
Sandy:	0.9	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.8	1.0
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.2
Noah:	0.5	0.8	0.4
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.1	0.2	0.2
Wilson:	0.4	0.2	0.5