

Hollinger Public Blast Report



Blast Pattern: 3355_017, 3346_174
Date: 16-Jul-19
Blast Time: 11:52
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2300 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 13 km/hr
Wind Direction: SW
Temperature: 24.7 °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:	57.0 LAeq	113.0 dB
Edwards:	53.4 LAeq	112.1 dB
Fred:	47.7 LAeq	108.1 dB
Hollinger Office:	57.1 LAeq	110.7 dB
Noah:	63.7 LAeq	110.6 dB
Sandy:	49.6 LAeq	113.8 dB
Water Tower:	54.9 LAeq	118.4 dB
Wilson:	52.1 LAeq	109.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	0.6	1.4	31.5	37.1
Edwards:	11.7	18.8	31.3	69.2
Hollinger Office:	25.0	42.4	31.9	70.8
Sandy:	7.9	11.1	16.1	20.7

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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:	0.8	2.5
Edwards:	4.5	6.0
Hollinger Office:	3.6	12.6
Sandy:	1.5	1.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.9	1.5	1.2
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.4
Noah:	0.5	0.6	0.5
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.2	0.1	0.2
Water Tower:	0.3	0.2	0.3
Wilson:	0.9	0.4	0.4