

Hollinger Public Blast Report

Blast Pattern: 3250_001_3256_005KNOB
Date: 22-Aug-22
Blast Time: 15:46:00 AM
Blast Sign Activation: 7:30
Website Notification Time: 7:21

Blast Conditions

Ceiling Height: 29,856 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 11
Wind Direction: NW
Temperature: 25.4 °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:	56.3 LAeq	99.5 dB
Edwards:	47.3 LAeq	106.3 dB
Fred:	42.3 LAeq	84.8 dB
Hollinger Office:	56.0 LAeq	104.2 dB
Noah:	60.7 LAeq	103.1 dB
Sandy:	46.4 LAeq	107.3 dB
Water Tower:	46.9 LAeq	98.2 dB
Wilson:	48.7 LAeq	103.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.5	12.0	493.5	516.7
Edwards:	3.9	4.5	15.6	20.8
Hollinger Office:	9.7	15.2	23.1	32.3
Sandy:	8.9	10.3	9.4	10.7

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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:	0.2	0.6
Edwards:	0.0	0.1
Hollinger Office:	1.6	2.8
Sandy:	0.2	0.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	5.8	1.3	3.2
Imerys:	2.0	1.1	1.1
Noah:	1.5	1.0	1.0
Moneta Pumping Station:	0.9	0.9	1.0
Sandy:	2.6	1.7	2.7
Water Tower:	1.9	1.9	3.4
Wilson:	3.2	3.2	1.9

