

Hollinger Public Blast Report

Blast Pattern: 3304_071
Date: 31-Jul-22
Blast Time: 11:52
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 28,965 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 13
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:	55.5 LAeq	103.7 dB
Edwards:	49.6 LAeq	100.9 dB
Fred:	46.4 LAeq	100.3 dB
Hollinger Office:	54.9 LAeq	110.0 dB
Noah:	58.7 LAeq	104.7 dB
Sandy:	53.3 LAeq	102.9 dB
Water Tower:	47.8 LAeq	104.2 dB
Wilson:	47.3 LAeq	106.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.3	13.5	17.5	19.4
Edwards:	10.1	34.4	21.5	73.1
Hollinger Office:	11.1	13.7	21.2	24.2
Sandy:	13.0	22.5	18.1	28.6

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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	1.7
Edwards:	3.8	19.1
Hollinger Office:	2.4	4.0
Sandy:	0.2	0.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.2	0.7
Edwards:	0.4	0.3	0.2
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	0.3	0.1	0.4
Imerys:	0.6	0.3	0.3
Noah:	0.5	0.3	0.4
Moneta Pumping Station:	0.7	0.3	0.6
Sandy:	0.6	0.4	0.9
Water Tower:	0.2	0.1	0.3
Wilson:	0.9	0.7	1.2

